



***invantive***

***Solutions for  
Real Estate and Finance***



Settings: system, EUR, Year, Current situation  
 Application: itgen - Invantive Producer  
 Tables:   
 Table Columns:   
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 Attribute Rules:   
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 Database Views:   
 Function: itgen\_datamodel\_pdf\_rpt

**Applications**

**itgen - Invantive Producer**

|                                      |   |
|--------------------------------------|---|
| Code                                 | itgen   |
| Name                                 | Invantive Producer  |
| Natural Key                          | _nk   |
| Column Identity                      | id  |
| Column "date created"                | date_created  |
| Column "created by"                  | created_by  |
| Column "created in"                  | created_in  |
| Column "date last updated"           | date_last_updated   |
| Column "updated by"                  | updated_by  |
| Column "updated in"                  | updated_in  |
| Column "transaction created"         | transaction_created   |
| Column "transaction updated"         | transaction_updated   |
| Column "session created"             | session_created   |
| Column "session updated"             | session_updated   |
| Column "original system reference"   | orig_system_reference   |
| Column "original system group"       | orig_system_group   |
| Column "date interface created"      | date_intrf_created  |
| Column "date interface last updated" | date_intrf_last_updated   |
| Column "column type"                 | column_type   |
| Column "column prefix"               | column  |
| Column "history id"                  | h_id  |
| Column "history event"               | h_event   |
| Column "history date start"          | h_date_starts   |
| Column "history date ends"           | h_date_ends   |
| Column "history active when filled"  | h_active_when_filled  |
| Postfix for Flag Field               | _flag   |
| Flag Field Value for "no"            | N   |
| Flag Field Value for "yes"           | Y   |
| ANSI joins                           | <input checked="" type="checkbox"/>   |
| Documentation                        |   |
| Autocompleted                        | <input type="checkbox"/>  |
| Template for LOV View Name           | itgen_lov_:tcn_name_r   |
| Template for LOV View                | <pre> select cve_id id ,      cve_code code ,      cve_description description ,      cve_code    ' - '    cve_description label ,      cve_sorting_order from   itgen_code_values_v where cde_code='LOV-:tcn_name'</pre> |
| Expression set_session_info          | itgen_session.set_session_info  |
| Expression unset_session_info        | itgen_session.unset_session_user  |
| Expression Get All Translations      | itgen#translations.get_tab_tln  |
| Expression Get Last Identity         | itgen_session.get_context_last_id   |
| Expression Register Interaction      | itgen_session.register_interaction  |
| Expression Restricted Logon          | itgen_restricted_logon  |
| Expression Session User Identity     | itgen_session.get_session_user_id   |
| Expression Set Point in Time         | itgen_session.set_point_in_time   |
| Postfix for Code Field               | _category   |
| Table with Interactions              | itgen_interactions  |
| Table with Transactions              | itgen_transactions  |
| Table Name for Codes                 | itgen_codes   |
| Table Name Values                    | itgen_code_values   |
| Expression point_in_time             | <pre> coalesce(to_date(sys_context(concat(sys_context('USERENV', 'CLIENT_INFO'), '_bubs'), 'point_in_time'), ' YYYYMMDDHH24MISS'), sysdate)</pre>   |



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**itgen - Invantive Producer**

|                              |                                     |
|------------------------------|-------------------------------------|
| Expression Effective Date    | sysdate                             |
| Expression Translate Keys    | itgen#translations.translate_keys   |
| Standard Where Clause        |                                     |
| Standard Select Clause       |                                     |
| Include Natural Key Column   | <input checked="" type="checkbox"/> |
| Natural Key Prefix           |                                     |
| Natural Key Postfix          |                                     |
| Natural Key Separator        | -                                   |
| Column "transaction updated" | transaction_updated                 |

Procedure for Logging Execution of Attribute Rules  
 Copyright

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## Applications

### itgen - Invantive Producer

#### Tables

| Code | Name                      | Label Plural  |
|------|---------------------------|---|
| apn  | itgen_applications        | Applications ({res:itgen_applications})                     |
| are  | itgen_attribute_rules     | Attribute Rules ({res:itgen_attribute_rules})               |
| cde  | itgen_codes               | Codes ({res:itgen_codes})                                   |
| csg  | itgen_context_settings    | Contexts ({res:itgen_contexts})                             |
| cve  | itgen_code_values         | Code Values ({res:itgen_code_values})                       |
| dal  | itgen_dual                | Duals ({res:itgen_duals})                                   |
| dmg  | itgen_dataset_mappings    | Dataset Mappings ({res:itgen_dataset_mappings})             |
| drw  | itgen_dataset_rows        | Dataset Rows ({res:itgen_dataset_rows})                     |
| dst  | itgen_datasets            | Datasets ({res:itgen_datasets})                             |
| ftn  | itgen_functions           | Functions ({res:itgen_functions})                           |
| gsy  | itgen_glossaries          | Glossaries ({res:itgen_glossaries})                         |
| gtm  | itgen_glossary_terms      | Glossary Terms ({res:itgen_glossary_terms})                 |
| ian  | itgen_interactions        | Interactions ({res:itgen_interactions})                     |
| icn  | itgen_index_columns       | Index Columns ({res:itgen_index_columns})                   |
| idx  | itgen_indexes             | Indexes ({res:itgen_indexes})                               |
| lat  | itgen_lov_atn_moment_r    | Action Moments ({res:itgen_action_moments})                 |
| lay  | itgen_lov_atn_category_r  | Action Categories ({res:itgen_action_categories})           |
| lce  | itgen_licenses            | Licenses ({res:itgen_licenses})                             |
| lde  | itgen_lov_delete_rule_r   | Delete Rule Categories ({res:itgen_delete_rule_categories}) |
| ldy  | itgen_lov_data_category_r | Data Categories ({res:itgen_data_categories})               |
| ley  | itgen_lov_evt_category_r  | Event Categories ({res:itgen_event_categories})             |
| lge  | itgen_languages           | Languages ({res:itgen_languages})                           |
| lgg  | itgen_logging             | Loggings ({res:itgen_loggings})                             |
| mde  | itgen_modules             | Modules ({res:itgen_modules})                               |
| mle  | itgen_module_languages    | Module Languages ({res:itgen_module_languages})             |
| mve  | itgen_module_view_usages  | Module View Usages ({res:itgen_module_view_usages})         |
| rct  | itgen_ref_constraints     | Referential Constraints ({res:itgen_ref_constraints})       |
| rfn  | itgen_role_functions      | Role Functions ({res:itgen_role_functions})                 |
| rie  | itgen_roles               | Roles ({res:itgen_roles})                                   |
| spe  | itgen_server_pages        | Server Pages ({res:itgen_server_pages})                     |
| stg  | itgen_settings            | Settings ({res:itgen_settings})                             |
| tan  | itgen_transactions        | Transactions ({res:itgen_transactions})                     |
| tbe  | itgen_tables              | Tables ({res:itgen_tables})                                 |
| tcn  | itgen_table_columns       | Table Columns ({res:itgen_table_columns})                   |
| tln  | itgen_translations        | Translations ({res:itgen_translations})                     |
| ure  | itgen_user_roles          | User Roles ({res:itgen_user_roles})                         |
| usr  | itgen_users               | Users ({res:itgen_users})                                   |
| vcn  | itgen_view_columns        | View Columns ({res:itgen_view_columns})                     |
| vet  | itgen_view_elements       | View Elements ({res:itgen_view_elements})                   |
| viw  | itgen_views               | Business Objects ({res:itgen_business_objects})             |
| wce  | itgen_ws_cache            | Webservice Caches ({res:itgen_webservice_caches})           |



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### itgen - Invantive Producer

#### Database Views

| Code  | Name                           | Label Plural   |
|-------|--------------------------------|--|
| acn_r | itgen_apn_columns_r            | Application's Special Columns ({res:itgen_apn_columns})                            |
| acy_r | itgen_lov_action_category_r    | Action Categories ({res:itgen_action_categories})                                  |
| apn   | itgen_applications_v           | Applications ({res:itgen_applications})  |
| apn_r | itgen_apn_picklist_r           | Applications ({res:itgen_applications})  |
| are   | itgen_attribute_rules_v        | Attribute Rules ({res:itgen_attribute_rules})                                      |
| cbk_r | itgen_current_blocking_locks_r | Currently Blocking Locks ({res:itgen_currently_blocking_locks})                    |
| cde   | itgen_codes_v                  | Codes ({res:itgen_codes})  |
| cde_r | itgen_cde_picklist_r           | Codes ({res:itgen_codes})  |
| cln_r | itgen_columns_r                | Columns ({res:itgen_columns})  |
| csg   | itgen_context_settings_v       | Contexts ({res:itgen_contexts})  |
| cte_r | itgen_control_templates_r      | Invantive Control Templates ({res:itgen_control_templates})                        |
| cve   | itgen_code_values_v            | Code Values ({res:itgen_code_values})  |
| cve_r | itgen_cve_picklist_r           | Code Values ({res:itgen_code_values})  |
| dae_r | itgen_datamodel_are_r          | Attribute Rules ({res:itgen_attribute_rules})                                      |
| dal   | itgen_dual_v                   | Duals ({res:itgen_duals})  |
| dcb_r | itgen_db_context_settings_r    | Database Contexts ({res:itgen_db_contexts})  |
| din_r | itgen_datamodel_icn_r          | Index Columns ({res:itgen_index_columns})  |
| dix_r | itgen_datamodel_idx_r          | Indexes ({res:itgen_indexes})  |
| dmg   | itgen_dataset_mappings_v       | Dataset Mappings ({res:itgen_dataset_mappings})                                    |
| dml_r | itgen_datamodel_r              | Data Models ({res:itgen_datamodels})   |
| dpe_r | itgen_lov_data_type_r          | Data Types ({res:itgen_data_types})  |
| drt_r | itgen_datamodel_rct_r          | Referential Constraints ({res:itgen_referential_constraints})                      |
| drw   | itgen_dataset_rows_v           | Dataset Rows ({res:itgen_dataset_rows})  |
| dst   | itgen_datasets_v               | Datasets ({res:itgen_datasets})  |
| dte_r | itgen_datamodel_tbe_r          | Tables ({res:itgen_tables})  |
| dtm_r | itgen_datamodel_tcn_r          | Table Columns ({res:itgen_table_columns})  |
| dvt_r | itgen_datamodel_vet_r          | View Elements ({res:itgen_view_elements})  |
| dvw_r | itgen_datamodel_viw_r          | Business Objects ({res:itgen_business_objects})                                    |
| ftn   | itgen_functions_v              | Functions ({res:itgen_functions})  |
| ftn_r | itgen_ftn_picklist_r           | Functions ({res:itgen_functions})  |
| ftw_r | itgen_fk_tables_in_view_r      | Related Tables directly used in Views ({res:itgen_fk_tables_in_views})             |
| gcn_r | itgen_gui_columns_r            | GUI Columns ({res:itgen_gui_columns})  |
| gsy   | itgen_glossaries_v             | Glossaries ({res:itgen_glossaries})  |
| gsy_r | itgen_gsy_picklist_r           | Modules ({res:itgen_modules})  |
| gtm   | itgen_glossary_terms_v         | Glossary Terms ({res:itgen_glossary_terms})  |
| ian   | itgen_interactions_v           | Interactions ({res:itgen_interactions})  |
| icn   | itgen_index_columns_v          | Index Columns ({res:itgen_index_columns})  |
| idx   | itgen_indexes_v                | Indexes ({res:itgen_indexes})  |
| ior_r | itgen_implementation_order_r   | Business objects ordered for implementation<br>({res:itgen_implementation_orders}) |
| ipn   | itgen_implementation_r         | Implementations ({res:itgen_implementations})                                      |
| iqv_r | itgen_qt_viewlist_r            | Business Objects ({res:itgen_business_objects})                                    |
| isn_r | itgen_installations_r          | Installations ({res:itgen_installations})  |
| lat   | itgen_lov_atn_moment_r         | Action Moments ({res:itgen_action_moments})  |
| lay   | itgen_lov_atn_category_r       | Action Categories ({res:itgen_action_categories})                                  |
| lce   | itgen_licenses_v               | Licenses ({res:itgen_licenses})  |
| lde   | itgen_lov_delete_rule_r        | Delete Rule Categories ({res:itgen_delete_rule_categories})                        |
| ldy   | itgen_lov_data_category_r      | Data Categories ({res:itgen_data_categories})                                      |
| ley   | itgen_lov_evt_category_r       | Event Categories ({res:itgen_event_categories})                                    |
| lge   | itgen_languages_v              | Languages ({res:itgen_languages})  |
| lge_r | itgen_lge_picklist_r           | Applications ({res:itgen_applications})  |
| lgg   | itgen_logging_v                | Loggings ({res:itgen_loggings})  |
| mde   | itgen_modules_v                | Modules ({res:itgen_modules})  |
| mde_r | itgen_mde_picklist_r           | Modules ({res:itgen_modules})  |



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## Applications

### itgen - Invantive Producer

#### Database Views

| Code   | Name                          | Label Plural  |
|--------|-------------------------------|---|
| mle    | itgen_module_languages_v      | Module Languages ({res:itgen_module_languages})                       |
| mle_r  | itgen_mle_picklist_r          | Module Languages ({res:itgen_module_languages})                       |
| mte_r  | itgen_composition_templates_r | Invantive Composition Templates ({res:itgen_composition_templates})   |
| mtw_r  | itgen_master_table_per_view_r | Master Tables per View ({res:itgen_master_tables_per_view})           |
| mve    | itgen_module_view_usages_v    | Module View Usages ({res:itgen_module_view_usages})                   |
| nkn    | itgen_natural_key_columns_r   | Natural Key Columns ({res:itgen_natural_key_columns})                 |
| ocm_r  | itgen_object_checksums_r      | Object Checksums ({res:itgen_object_checksums})                       |
| ode_r  | itgen_object_definitions_r    | Definitions ({res:itgen_definitions})                                 |
| oijt_r | itgen_objects_r               | Objects ({res:itgen_objects})   |
| oon_r  | itgen_object_origin_r         | Object Origins ({res:itgen_object_origins})                           |
| ote_r  | itgen_object_tree_changes_r   | Object Tree Changes ({res:itgen_object_tree_changes})                 |
| ove_r  | itgen_object_versions_r       | Object Versions ({res:itgen_object_versions})                         |
| pld_r  | itgen_pre_load_r              | Loading Action ({res:itgen_pre_load})                                 |
| rct    | itgen_ref_constraints_v       | Referential Constraints ({res:itgen_ref_constraints})                 |
| rct_r  | itgen_ref_constraints_vv_r    | Referential Constraints ({res:itgen_ref_constraints})                 |
| rfn    | itgen_role_functions_v        | Role Functions ({res:itgen_role_functions})                           |
| rfn_r  | itgen_rfn_picklist_r          | Role Functions ({res:itgen_role_functions})                           |
| rle    | itgen_roles_v                 | Roles ({res:itgen_roles})   |
| rle_r  | itgen_rle_picklist_r          | Roles ({res:itgen_roles})   |
| sbw_r  | itgen_solitary_bus_views_r    | Solitary Business Views ({res:itgen_solitary_bus_views})              |
| spe    | itgen_server_pages_v          | Server Pages ({res:itgen_server_pages})                               |
| ste_r  | itgen_session_temp_usage_r    | Session Temporary Tablespace Usages ({res:itgen_session_temp_usages}) |
| stg    | itgen_settings_v              | Settings ({res:itgen_settings})                                       |
| stg_r  | itgen_stg_picklist_r          | Settings ({res:itgen_settings})                                       |
| tan    | itgen_transactions_v          | Transactions ({res:itgen_transactions})                               |
| tbe    | itgen_tables_v                | Tables ({res:itgen_tables})   |
| tbe_r  | itgen_tbe_picklist_r          | Tables ({res:itgen_tables})   |
| tcn    | itgen_table_columns_v         | Table Columns ({res:itgen_table_columns})                             |
| tcn_r  | itgen_tcn_picklist_r          | Table Columns ({res:itgen_table_columns})                             |
| tfk_r  | itgen_tables_physical_r       | Physical Tables ({res:itgen_physical_tables})                         |
| tln    | itgen_translations_v          | Translations ({res:itgen_translations})                               |
| tln_r  | itgen_translations_r          | Translations ({res:itgen_translations})                               |
| tlp_r  | itgen_tln_picklist_r          | Translations ({res:itgen_translations})                               |
| twv_r  | itgen_tables_in_view_r        | Tables in Views ({res:itgen_tables_in_views})                         |
| ure    | itgen_user_roles_v            | User Roles ({res:itgen_user_roles})                                   |
| ure_r  | itgen_ure_picklist_r          | User Roles ({res:itgen_user_roles})                                   |
| usp_r  | itgen_user_segment_dep_r      | Segment Dependencies ({res:itgen_user_segment_deps})                  |
| usr    | itgen_users_v                 | Users ({res:itgen_users})   |
| usr_r  | itgen_usr_picklist_r          | Users ({res:itgen_users})   |
| vas_r  | itgen_vet_analysis_r          | View Element Analysis ({res:itgen_view_element_analysis})             |
| vcn    | itgen_view_columns_v          | View Columns ({res:itgen_view_columns})                               |
| vet    | itgen_view_elements_v         | View Elements ({res:itgen_view_elements})                             |
| viw    | itgen_views_v                 | Business Objects ({res:itgen_business_objects})                       |
| viw_r  | itgen_viw_picklist_r          | Business Objects ({res:itgen_business_objects})                       |
| vrn_r  | itgen_view_relations_r        | View Relations ({res:itgen_view_relations})                           |
| wce    | itgen_ws_cache_v              | Webservice Caches ({res:itgen_webservice_caches})                     |
| wui_r  | itgen_web_ui_r                | Web User Interfaces ({res:itgen_web_uis})                             |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Definition**

**apn - itgen\_applications**

|                                |  |
|--------------------------------|--|
| Code                           | apn  |
| Name                           | itgen_applications   |
| Definition                     | Consistent collections of functionality form together with it's associated data and business rules an application. |
| Example                        | 'Invantive Estate'.  |
| Autocompleted                  | <input type="checkbox"/>   |
| Create                         | <input checked="" type="checkbox"/>  |
| Create History                 | <input checked="" type="checkbox"/>  |
| Show History                   | <input checked="" type="checkbox"/>  |
| User May Delete                | <input type="checkbox"/>   |
| User May Insert                | <input type="checkbox"/>   |
| User May Select                | <input type="checkbox"/>   |
| User May Update                | <input type="checkbox"/>   |
| Interface?                     | <input type="checkbox"/>   |
| Derived                        | <input type="checkbox"/>   |
| Default Reference Columns      | id,name,code   |
| Data Category                  | Transaction  |
| Label Plural                   | Applications ({res:itgen_applications})  |
| Label Plural when Referenced   | Applications ({res:itgen_applications})  |
| Label Singular                 | Application ({res:itgen_application})  |
| Label Singular when Referenced | Application ({res:itgen_application})  |
| Number of Rows                 |  |
| Documentation                  |  |

## Applications

## itgen - Invantive Producer

## Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

## Table Columns

| Name                                       | Data Type           | Opt.                     | Label Singular  | Definition  |
|--|---------------------|--------------------------|---|---|
| <a href="#">ansi_joins_flag</a>            | char(1 byte)        | <input type="checkbox"/> | ANSI Joins ({res:itgen_ansi_joins_flag})                                  | Indicator whether to generate business object views with ANSI styl joins. Only recommended for small applications (less than 50 tables) due to Oracle bugs. |
| <a href="#">autocompleted_flag</a>         | char(1 byte)        | <input type="checkbox"/> | Autocompleted ({res:itgen_autocompleted_flag})                            | Indicator whether this row was added by autocomplete.   |
| <a href="#">c_h_active_when_filled</a>     | varchar2(30 char)   | <input type="checkbox"/> | Column History Active When Filled ({res:itgen_c_h_active_when_filled})    | Column "history active when filled"   |
| <a href="#">c_h_date_ends</a>              | varchar2(30 char)   | <input type="checkbox"/> | Column History Date Ends ({res:itgen_c_h_date_ends})                      | Column "history date ends"  |
| <a href="#">c_h_date_starts</a>            | varchar2(30 char)   | <input type="checkbox"/> | Column History Date Starts ({res:itgen_c_h_date_starts})                  | Column "history date start"   |
| <a href="#">c_h_event</a>                  | varchar2(30 char)   | <input type="checkbox"/> | Column History Event ({res:itgen_c_h_event})                              | Column "history event"  |
| <a href="#">c_h_identity</a>               | varchar2(30 char)   | <input type="checkbox"/> | Column for Identity of History ({res:itgen_c_h_identity})                 | Column history ID.  |
| <a href="#">c_identity</a>                 | varchar2(30 char)   | <input type="checkbox"/> | Column Identity ({res:itgen_c_identity})                                  | Column Identity   |
| <a href="#">code</a>                       | varchar2(30 char)   | <input type="checkbox"/> | Code ({res:itgen_code})   | Unique alphanumeric code.   |
| <a href="#">code_column_postfix</a>        | varchar2(30 char)   | <input type="checkbox"/> | Postfix for Code Field ({res:itgen_code_column_postfix})                  | Postfix for Code Field  |
| <a href="#">code_view_name_template</a>    | varchar2(60 char)   | <input type="checkbox"/> | Template for LOV View Name ({res:itgen_code_view_name_template})          | Template for LOV view name  |
| <a href="#">code_view_template</a>         | varchar2(4000 char) | <input type="checkbox"/> | Code View Template ({res:itgen_code_view_template})                       | Template for LOV view   |
| <a href="#">copyright</a>                  | varchar2(4000 char) | <input type="checkbox"/> | Copyright ({res:itgen_copyright})   | Copyright text  |
| <a href="#">cvs_header</a>                 | varchar2(4000 char) | <input type="checkbox"/> | CVS Header ({res:itgen_cvs_header})                                       | CVS version control identifier of the application.  |
| <a href="#">cvs_name</a>                   | varchar2(4000 char) | <input type="checkbox"/> | CVS Name ({res:itgen_cvs_name})   | CVS name  |
| <a href="#">expr_effective_date</a>        | varchar2(240 char)  | <input type="checkbox"/> | Expression Effective Date ({res:itgen_expr_effective_date})               | Expression to get the effective date  |
| <a href="#">expression_point_in_time</a>   | varchar2(240 char)  | <input type="checkbox"/> | Expression point_in_time ({res:itgen_expression_point_in_time})           | SQL expression to get point in time   |
| <a href="#">expr_register_interaction</a>  | varchar2(240 char)  | <input type="checkbox"/> | Expression Register Interaction ({res:itgen_expr_register_interaction})   | PL/SQL expression to register an interaction.   |
| <a href="#">expr_session_user_identity</a> | varchar2(240 char)  | <input type="checkbox"/> | Expression Session User Identity ({res:itgen_expr_session_user_identity}) | SQL expression to get session user identity   |
| <a href="#">expr_set_point_in_time</a>     | varchar2(240 char)  | <input type="checkbox"/> | Expression Set Point in Time ({res:itgen_expr_set_point_in_time})         | PL/SQL expression to set point in time  |
| <a href="#">expr_set_session_info</a>      | varchar2(240 char)  | <input type="checkbox"/> | Expression set_session_info ({res:itgen_expr_set_session_info})           | PL/SQL expression to set session info   |
| <a href="#">expr_translate_keys</a>        | varchar2(240 char)  | <input type="checkbox"/> | Expression Translate Keys ({res:itgen_expr_translate_keys})               | Expression to translate keys  |



## Applications

## itgen - Invantive Producer

## Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

## Table Columns

| Name                                      | Data Type          | Opt.                                | Label Singular  | Definition   |
|---|--------------------|-------------------------------------|---|--|
| <a href="#">expr_unset_session_info</a>   | varchar2(240 char) | <input type="checkbox"/>            | Expression<br>unset_session_info ({res:<br>itgen_expr_unset_session_inf<br>o})                | PL/SQL expression to unset session info                                    |
| <a href="#">flag_column_postfix</a>       | varchar2(30 char)  | <input type="checkbox"/>            | Postfix for Flag Field ({res:<br>itgen_flag_column_postfix})                                  | Postfix for flag field   |
| <a href="#">flag_value_no</a>             | char(1 byte)       | <input type="checkbox"/>            | Flag Field Value for "no"<br>({res:itgen_flag_value_no})                                      | Flag filed value for "no"  |
| <a href="#">flag_value_yes</a>            | char(1 byte)       | <input type="checkbox"/>            | Flag Field Value for "yes"<br>({res:itgen_flag_value_yes})                                    | Flag field value for "yes"   |
| <a href="#">id</a>                        | number(15, 0)      | <input type="checkbox"/>            |   | ?  |
| <a href="#">include_calc_value_flag</a>   | char(1 byte)       | <input type="checkbox"/>            | Include Call Additional<br>Business Rules Value ({res:<br>itgen_include_calc_value_flag<br>}) | Indicator whether to include call to additional business rule<br>procedure |
| <a href="#">include_nk_column_flag</a>    | char(1 byte)       | <input type="checkbox"/>            | Include Natural Key Column<br>({res:<br>itgen_include_nk_column_fla<br>g})                    | Indicator whether to include Natural Key columns                           |
| <a href="#">name</a>                      | varchar2(240 char) | <input type="checkbox"/>            | Name ({res:itgen_name})   | Name of the application.   |
| <a href="#">table_name_codes</a>          | varchar2(30 char)  | <input type="checkbox"/>            | Table Name for Codes ({res:<br>itgen_table_name_codes})                                       | Table with codes   |
| <a href="#">table_name_code_values</a>    | varchar2(30 char)  | <input type="checkbox"/>            | Table Name for Code Values<br>({res:<br>itgen_table_name_code_valu<br>es})                    | Table with code values   |
| <a href="#">table_name_interactions</a>   | varchar2(30 char)  | <input type="checkbox"/>            | Table with Interactions ({res:<br>itgen_table_name_interactio<br>ns})                         | Table with interactions  |
| <a href="#">table_name_transactions</a>   | varchar2(30 char)  | <input type="checkbox"/>            | Table with Transactions ({res:<br>itgen_table_name_transactio<br>ns})                         | Table with transactions  |
| <a href="#">c_column_prefix</a>           | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Column Prefix ({res:<br>itgen_c_column_prefix})  | Column "column prefix"   |
| <a href="#">c_column_type</a>             | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Column Type ({res:<br>itgen_c_column_type})  | Column "column type"   |
| <a href="#">c_created_by</a>              | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Created By ({res:<br>itgen_c_created_by})  | Column "created by"  |
| <a href="#">c_created_in</a>              | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Created In ({res:<br>itgen_c_created_in})  | Column "created in"  |
| <a href="#">c_date_created</a>            | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Date Created ({res:<br>itgen_c_date_created})  | Column "date created"  |
| <a href="#">c_date_intrf_created</a>      | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Date Interface<br>Created ({res:<br>itgen_c_date_intrf_created})                       | Column "date interface created"  |
| <a href="#">c_date_intrf_last_updated</a> | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Date Interface Last<br>Updated ({res:<br>itgen_c_date_intrf_last_updat<br>ed})         | Column "date interface last updated"                                       |
| <a href="#">c_date_last_updated</a>       | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Date Last Updated<br>({res:<br>itgen_c_date_last_updated})                             | Column "date last updated"   |
| <a href="#">c_nk</a>                      | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Natural Key ({res:<br>itgen_c_nk})   | Natural Key Column   |
| <a href="#">copyright_l</a>               | clob               | <input checked="" type="checkbox"/> | Copyright ({res:<br>itgen_copyright_l})   | Copyright Text   |
| <a href="#">c_orig_system_group</a>       | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Original System<br>Group ({res:<br>itgen_c_orig_system_group})                         | Column "original system group"   |
| <a href="#">c_orig_system_reference</a>   | varchar2(30 char)  | <input checked="" type="checkbox"/> | Column Original System<br>Reference ({res:<br>itgen_c_orig_system_referen<br>ce})             | Column "original system reference"   |

## Applications

## itgen - Invantive Producer

## Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

## Table Columns

| Name                      | Data Type           | Opt.                                | Label Singular  | Definition   |
|---------------------------|---------------------|-------------------------------------|---|--|
| c_session_created         | varchar2(30 char)   | <input checked="" type="checkbox"/> | itgen_c_orig_system_referen<br>ce)<br>Column Session Created<br>({res:<br>itgen_c_session_created}) | Column "session created"   |
| c_session_updated         | varchar2(30 char)   | <input checked="" type="checkbox"/> | Column Session Updated<br>({res:<br>itgen_c_session_updated})                                       | Column "session updated"   |
| c_transaction_created     | varchar2(30 char)   | <input checked="" type="checkbox"/> | Column Transaction Created<br>({res:<br>itgen_c_transaction_created})                               | Column "transaction created"   |
| c_transaction_updated     | varchar2(30 char)   | <input checked="" type="checkbox"/> | Column Transaction Updated<br>({res:<br>itgen_c_transaction_updated})                               | Column "transaction updated"   |
| c_updated_by              | varchar2(30 char)   | <input checked="" type="checkbox"/> | Column Updated By ({res:<br>itgen_c_updated_by})  | Column "updated by"  |
| c_updated_in              | varchar2(30 char)   | <input checked="" type="checkbox"/> | Column Updated In ({res:<br>itgen_c_updated_in})  | Column "updated in"  |
| documentation             | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:<br>itgen_documentation})   | Documentation on the application.  |
| documentation_l           | clob                | <input checked="" type="checkbox"/> | Documentation ({res:<br>itgen_documentation_l})   | Documentation on the application. Will replace the column 'documentation' in the future. |
| expr_get_all_translations | varchar2(240 char)  | <input checked="" type="checkbox"/> | Expression Get All<br>Translations ({res:<br>itgen_expr_get_all_translacion<br>s})                  | SQL expression to get all translations available.  |
| expr_get_last_identity    | varchar2(240 char)  | <input checked="" type="checkbox"/> | Expression Get Last Identity<br>({res:<br>itgen_expr_get_last_identity})                            | SQL expression to get last identity assigned   |
| expr_restricted_logon     | varchar2(240 char)  | <input checked="" type="checkbox"/> | Expression Restricted Logon<br>({res:<br>itgen_expr_restricted_logon})                              | PL/SQL procedure to perform a restricted logon.  |
| include_calc_value_prefix | varchar2(30 char)   | <input checked="" type="checkbox"/> | Additional Business Rule<br>Procedure Prefix ({res:<br>itgen_include_calc_value_pre<br>fix})        | Additional business rule procedure prefix  |
| nk_postfix_value          | varchar2(30 char)   | <input checked="" type="checkbox"/> | Natural Key Postfix ({res:<br>itgen_nk_postfix_value})  | Postfix for the natural key column in a business object view.                            |
| nk_prefix_value           | varchar2(30 char)   | <input checked="" type="checkbox"/> | Natural Key Prefix ({res:<br>itgen_nk_prefix_value})  | Prefix for the natural key column in a business object view.                             |
| nk_separator_value        | varchar2(30 char)   | <input checked="" type="checkbox"/> | Natural Key Separator ({res:<br>itgen_nk_separator_value})  | Separator between consecutive elements of the natural key.                               |
| proc_log_are              | varchar2(240 char)  | <input checked="" type="checkbox"/> | {res:itgen_proc_log_are}  | Procedure for logging execution of attribute rules                                       |
| std_select_clause_view    | varchar2(4000 char) | <input checked="" type="checkbox"/> | Standard Select Clause ({res:<br>itgen_std_select_clause_view<br>})                                 | Standard select clause to be added to all business object views.                         |
| std_select_clause_view_l  | clob                | <input checked="" type="checkbox"/> | Standard Select Clause ({res:<br>itgen_std_select_clause_view<br>_l})                               | Standard select clause to be added to all business object views.                         |
| std_where_clause_view     | varchar2(4000 char) | <input checked="" type="checkbox"/> | Standard Where Clause ({res:<br>itgen_std_where_clause_view<br>})                                   | Where clause to be added to all business object views.                                   |
| std_where_clause_view_l   | clob                | <input checked="" type="checkbox"/> | Standard Where Clause ({res:<br>itgen_std_where_clause_view<br>_l})                                 | Where clause to be added to a business object views.                                     |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.ansi\_joins\_flag - ansi\_joins\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | ansi_joins_flag   |                          |                          |                          |
| Definition                  | Indicator whether to generate business object views with ANSI styl joins. Only recommended for small applications (less than 50 tables) due to Oracle bugs. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | ANSI Joins ({res:itgen_ansi_joins_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_ansi_joins_flag  |                          |                          |                          |
| Label Plural                | ANSI Joins ({res:itgen_ansi_joins_flags})   |                          |                          |                          |
| Label Plural as Reference   | ANSI Joins ({res:itgen_ansi_joins_flags})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.apn.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag                         |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_column\_prefix - c\_column\_prefix**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_column_prefix                                    |                          |                          |                          |
| Definition                  | Column "column prefix"                             |                          |                          |                          |
| Example                     | 'column'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                                  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                |                          |                          |                          |
| Display                     | In Search Filter                                   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                           |                          |                          |                          |
| System Column               | <input type="checkbox"/>                           |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                           |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                           |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                           |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Column Prefix ({res:itgen_c_column_prefix}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_column_prefix                         |                          |                          |                          |
| Label Plural                | {res:itgen_c_column_prefixes}                      |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_column_prefixes}                      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.c\_column\_type - c\_column\_type**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_column_type                                  |                          |                          |                          |
| Definition                  | Column "column type"                           |                          |                          |                          |
| Example                     | 'column_type'                                  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                              |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                               | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Column Type ({res:itgen_c_column_type}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_column_type                       |                          |                          |                          |
| Label Plural                | {res:itgen_c_column_types}                     |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_column_types}                     |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_created\_by - c\_created\_by**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_created_by                                 |                          |                          |                          |
| Definition                  | Column "created by"                          |                          |                          |                          |
| Example                     | 'created_by'                                 |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Display                     | In Search Filter                             | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Created By ({res:itgen_c_created_by}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_created_by                      |                          |                          |                          |
| Label Plural                | {res:itgen_c_created_bies}                   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_created_bies}                   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.c\_created\_in - c\_created\_in**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_created_in                                 |                          |                          |                          |
| Definition                  | Column "created in"                          |                          |                          |                          |
| Example                     | 'created_in'                                 |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Display                     | In Search Filter                             | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Created In ({res:itgen_c_created_in}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_created_in                      |                          |                          |                          |
| Label Plural                | {res:itgen_c_created_ins}                    |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_created_ins}                    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_date\_created - c\_date\_created**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_date_created                                   |                          |                          |                          |
| Definition                  | Column "date created"                            |                          |                          |                          |
| Example                     | 'date_created'                                   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                                |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>              |                          |                          |                          |
| Display                     | In Search Filter                                 | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                         |                          |                          |                          |
| System Column               | <input type="checkbox"/>                         |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>              |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                         |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                         |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                         |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Date Created ({res:itgen_c_date_created}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_date_created                        |                          |                          |                          |
| Label Plural                | {res:itgen_c_date_createds}                      |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_date_createds}                      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.c\_date\_intrf\_created - c\_date\_intrf\_created**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_date_intrf_created   |                          |                          |                          |
| Definition                  | Column "date interface created"                                  |                          |                          |                          |
| Example                     | 'date_intrf_created'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Date Interface Created ({res:itgen_c_date_intrf_created}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_date_intrf_created                                  |                          |                          |                          |
| Label Plural                | {res:itgen_c_date_intrf_createds}                                |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_date_intrf_createds}                                |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_date\_intrf\_last\_updated - c\_date\_intrf\_last\_updated**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_date_intrf_last_updated  |                          |                          |                          |
| Definition                  | Column "date interface last updated"                                       |                          |                          |                          |
| Example                     | 'date_intrf_last_updated'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Date Interface Last Updated ({res:itgen_c_date_intrf_last_updated}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_date_intrf_last_updated                                       |                          |                          |                          |
| Label Plural                | {res:itgen_c_date_intrf_last_updateds}                                     |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_date_intrf_last_updateds}                                     |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.c\_date\_last\_updated - c\_date\_last\_updated**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_date_last_updated  |                          |                          |                          |
| Definition                  | Column "date last updated"                                 |                          |                          |                          |
| Example                     | 'date_last_updated'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                        |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                   |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                        |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Date Last Updated ({res:itgen_c_date_last_updated}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_date_last_updated                             |                          |                          |                          |
| Label Plural                | {res:itgen_c_date_last_updateds}                           |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_date_last_updateds}                           |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_h\_active\_when\_filled - c\_h\_active\_when\_filled**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_h_active_when_filled   |                          |                          |                          |
| Definition                  | Column "history active when filled"                                    |                          |                          |                          |
| Example                     | 'h_active'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column History Active When Filled ({res:itgen_c_h_active_when_filled}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_h_active_when_filled                                      |                          |                          |                          |
| Label Plural                | {res:itgen_c_h_active_when_filledes}                                   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_h_active_when_filledes}                                   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |

**itgen.apn.c\_h\_date\_ends - c\_h\_date\_ends**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_h_date_ends  |                          |                          |                          |
| Definition                  | Column "history date ends"                           |                          |                          |                          |
| Example                     | 'h_date_end'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                                    |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column History Date Ends ({res:itgen_c_h_date_ends}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_h_date_ends                             |                          |                          |                          |
| Label Plural                | {res:itgen_c_h_date_endses}                          |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_h_date_endses}                          |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                 |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_h\_date\_starts - c\_h\_date\_starts**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_h_date_starts  |                          |                          |                          |
| Definition                  | Column "history date start"                              |                          |                          |                          |
| Example                     | 'h_date_start'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                 |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column History Date Starts ({res:itgen_c_h_date_starts}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_h_date_starts                               |                          |                          |                          |
| Label Plural                | {res:itgen_c_h_date_startses}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_h_date_startses}                            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                                    |                          |                          |                          |

**itgen.apn.c\_h\_event - c\_h\_event**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_h_event                                    |                          |                          |                          |
| Definition                  | Column "history event"                       |                          |                          |                          |
| Example                     | 'h_event'                                    |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                            |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                     |                          |                          |                          |
| Display                     | In Search Filter                             | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column History Event ({res:itgen_c_h_event}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_h_event                         |                          |                          |                          |
| Label Plural                | {res:itgen_c_h_events}                       |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_h_events}                       |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                        |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_h\_identity - c\_h\_identity**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | c_h_identity  |                          |                          |                          |
| Definition                  | Column history ID.  |                          |                          |                          |
| Example                     | 'h_id'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Column for Identity of History ({res:itgen_c_h_identity}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_h_identity}                                  |                          |                          |                          |
| Label Plural                | {res:itgen_c_h_identities}                                |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_h_identities}                                |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                      |                          |                          |                          |

**itgen.apn.c\_identity - c\_identity**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_identity                               |                          |                          |                          |
| Definition                  | Column Identity                          |                          |                          |                          |
| Example                     | 'id'                                     |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                        |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                 |                          |                          |                          |
| Display                     | In Search Filter                         | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Identity ({res:itgen_c_identity}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_identity}                   |                          |                          |                          |
| Label Plural                | {res:itgen_c_identities}                 |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_identities}                 |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001                                     |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                     |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_nk - c\_nk**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | c_nk                                    |                          |                          |                          |
| Definition                  | Natural Key Column                      |                          |                          |                          |
| Example                     | '_nk'                                   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)                       |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Column Natural Key ({res:itgen_c_nk})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_nk                         |                          |                          |                          |
| Label Plural                | Column Natural Keys ({res:itgen_c_nks}) |                          |                          |                          |
| Label Plural as Reference   | Column Natural Keys ({res:itgen_c_nks}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | :orig                                   |                          |                          |                          |

**itgen.apn.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code   |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

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|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.code\_column\_postfix - code\_column\_postfix**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | code_column_postfix                                      |                          |                          |                          |
| Definition                  | Postfix for Code Field                                   |                          |                          |                          |
| Example                     | '_ind'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                 |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Postfix for Code Field ({res:itgen_code_column_postfix}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code_column_postfix                           |                          |                          |                          |
| Label Plural                | {res:itgen_code_column_postfixes}                        |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_code_column_postfixes}                        |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                     |                          |                          |                          |

**itgen.apn.code\_view\_name\_template - code\_view\_name\_template**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | code_view_name_template  |                          |                          |                          |
| Definition                  | Template for LOV view name                                       |                          |                          |                          |
| Example                     | 'tst_lov_:tcn_name_r'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(60 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Template for LOV View Name ({res:itgen_code_view_name_template}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code_view_name_template                               |                          |                          |                          |
| Label Plural                | Code View Name Templates ({res:itgen_code_view_name_templates})  |                          |                          |                          |
| Label Plural as Reference   | Code View Name Templates ({res:itgen_code_view_name_templates})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |



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**Applications**

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**Table Column Details**

**itgen.apn.code\_view\_template - code\_view\_template**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code_view_template  |                          |                          |                          |
| Definition                  | Template for LOV view   |                          |                          |                          |
| Example                     | select cve_id id, cve_code code, cve_description description, cve_code    ' - '    cve_description label, cve_sorting_order from tst_code_values_v where cde_code='LOV-:tcn_name' |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code View Template ({res:itgen_code_view_template})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code_view_template   |                          |                          |                          |
| Label Plural                | Code View Templates ({res:itgen_code_view_templates})   |                          |                          |                          |
| Label Plural as Reference   | Code View Templates ({res:itgen_code_view_templates})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')   |                          |                          |                          |

**itgen.apn.copyright - copyright**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | copyright  |                          |                          |                          |
| Definition                  | Copyright text   |                          |                          |                          |
| Example                     | '(C) Copyright 2004-2012 Invantive Software BV, the Netherlands. All rights reserved.' |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Copyright ({res:itgen_copyright})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_copyright   |                          |                          |                          |
| Label Plural                | Copyrights ({res:itgen_copyrights})  |                          |                          |                          |
| Label Plural as Reference   | Copyrights ({res:itgen_copyrights})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

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| Name               | Code | Label Plural                            |
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| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.copyright\_l - copyright\_l**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | copyright_l  |                          |                          |                          |
| Definition                  | Copyright Text   |                          |                          |                          |
| Example                     | '(C) Copyright 2004-2012 Invantive Software BV, the Netherlands. All rights reserved.' |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | clob   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Copyright ({res:itgen_copyright_l})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_copyright_l}  |                          |                          |                          |
| Label Plural                | Copyrights ({res:itgen_copyrights})  |                          |                          |                          |
| Label Plural as Reference   | Copyrights ({res:itgen_copyrights})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.c\_orig\_system\_group - c\_orig\_system\_group**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_orig_system_group  |                          |                          |                          |
| Definition                  | Column "original system group"                                 |                          |                          |                          |
| Example                     | 'orig_system_group'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Original System Group ({res:itgen_c_orig_system_group}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_orig_system_group}                                |                          |                          |                          |
| Label Plural                | {res:itgen_c_orig_system_groups}                               |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_orig_system_groups}                               |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

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| Name               | Code | Label Plural                            |
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| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_orig\_system\_reference - c\_orig\_system\_reference**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_orig_system_reference  |                          |                          |                          |
| Definition                  | Column "original system reference"                                     |                          |                          |                          |
| Example                     | 'orig_system_reference'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                                    |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Original System Reference ({res:itgen_c_orig_system_reference}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_orig_system_reference                                     |                          |                          |                          |
| Label Plural                | {res:itgen_c_orig_system_references}                                   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_orig_system_references}                                   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.c\_session\_created - c\_session\_created**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_session_created                                      |                          |                          |                          |
| Definition                  | Column "session created"                               |                          |                          |                          |
| Example                     | 'session_created'                                      |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                                      |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Session Created ({res:itgen_c_session_created}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_session_created                           |                          |                          |                          |
| Label Plural                | {res:itgen_c_session_createds}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_session_createds}                         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

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| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_session\_updated - c\_session\_updated**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_session_updated                                      |                          |                          |                          |
| Definition                  | Column "session updated"                               |                          |                          |                          |
| Example                     | 'session_updated'                                      |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                                      |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Session Updated ({res:itgen_c_session_updated}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_session_updated                           |                          |                          |                          |
| Label Plural                | {res:itgen_c_session_updateds}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_session_updateds}                         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.c\_transaction\_created - c\_transaction\_created**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_transaction_created  |                          |                          |                          |
| Definition                  | Column "transaction created"                                   |                          |                          |                          |
| Example                     | 'transaction_created'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Transaction Created ({res:itgen_c_transaction_created}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_transaction_created                               |                          |                          |                          |
| Label Plural                | {res:itgen_c_transaction_createds}                             |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_transaction_createds}                             |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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**Applications**

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**Tables**

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| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c.transaction\_updated - c.transaction\_updated**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c.transaction_updated  |                          |                          |                          |
| Definition                  | Column "transaction updated"                                   |                          |                          |                          |
| Example                     | 'transaction_updated'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Transaction Updated ({res:itgen_c.transaction_updated}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c.transaction_updated                               |                          |                          |                          |
| Label Plural                | {res:itgen_c.transaction_updateds}                             |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c.transaction_updateds}                             |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.c.updated\_by - c.updated\_by**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c.updated_by                                 |                          |                          |                          |
| Definition                  | Column "updated by"                          |                          |                          |                          |
| Example                     | 'updated_by'                                 |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Display                     | In Search Filter                             | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Updated By ({res:itgen_c.updated_by}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c.updated_by                      |                          |                          |                          |
| Label Plural                | {res:itgen_c.updated_bies}                   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c.updated_bies}                   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

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|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.c\_updated\_in - c\_updated\_in**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | c_updated_in                                 |                          |                          |                          |
| Definition                  | Column "updated in"                          |                          |                          |                          |
| Example                     | 'updated_in'                                 |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Display                     | In Search Filter                             | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Column Updated In ({res:itgen_c_updated_in}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_c_updated_in                      |                          |                          |                          |
| Label Plural                | {res:itgen_c_updated_ins}                    |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_c_updated_ins}                    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.cvs\_header - cvs\_header**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | cvs_header   |                          |                          |                          |
| Definition                  | CVS version control identifier of the application.   |                          |                          |                          |
| Example                     | '\$Header: http://svn.invantive.com/repos/itgen/trunk/ddl/itgen_datamodel.sql 3569 2012-04-29 13:22:20Z gle3 \$' |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | CVS Header ({res:itgen_cvs_header})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_cvs_header  |                          |                          |                          |
| Label Plural                | CVS Headers ({res:itgen_cvs_headers})  |                          |                          |                          |
| Label Plural as Reference   | CVS Headers ({res:itgen_cvs_headers})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
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| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.cvs\_name - cvs\_name**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | cvs_name                            |                          |                          |                          |
| Definition                  | CVS name                            |                          |                          |                          |
| Example                     | b123                                |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                 |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | CVS Name ({res:itgen_cvs_name})     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_cvs_name                 |                          |                          |                          |
| Label Plural                | CVS Names ({res:itgen_cvs_names})   |                          |                          |                          |
| Label Plural as Reference   | CVS Names ({res:itgen_cvs_names})   |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')               |                          |                          |                          |

**itgen.apn.documentation - documentation**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                                      |                          |                          |                          |
| Definition                  | Documentation on the application.                  |                          |                          |                          |
| Example                     | The application 'bubs' is used to manage projects. |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                |                          |                          |                          |
| Display                     | In Search Filter                                   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                           |                          |                          |                          |
| System Column               | <input type="checkbox"/>                           |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                           |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                           |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                           |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                           |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})        |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})        |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.documentation\_I - documentation\_I**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | documentation_I  |                          |                          |                          |
| Definition                  | Documentation on the application. Will replace the column 'documentation' in the future. |                          |                          |                          |
| Example                     | The application 'bubs' is used to manage projects.                                       |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | clob   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation_I})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation_I   |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.expr\_effective\_date - expr\_effective\_date**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | expr_effective_date   |                          |                          |                          |
| Definition                  | Expression to get the effective date                        |                          |                          |                          |
| Example                     | sysdate   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                    |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Expression Effective Date ({res:itgen_expr_effective_date}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expr_effective_date                              |                          |                          |                          |
| Label Plural                | {res:itgen_expr_effective_dates}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_expr_effective_dates}                            |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

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| Name               | Code | Label Plural                            |
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| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.expression\_point\_in\_time - expression\_point\_in\_time**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | expression_point_in_time  |                          |                          |                          |
| Definition                  | SQL expression to get point in time                             |                          |                          |                          |
| Example                     | 'tst_session.get_point_in_time_not_null'                        |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Expression point_in_time ({res:itgen_expression_point_in_time}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expression_point_in_time                             |                          |                          |                          |
| Label Plural                | {res:itgen_expression_point_in_times}                           |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_expression_point_in_times}                           |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.apn.expr\_get\_all\_translations - expr\_get\_all\_translations**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | expr_get_all_translations   |                          |                          |                          |
| Definition                  | SQL expression to get all translations available.                       |                          |                          |                          |
| Example                     | 'itgen#translations.get_tab_tln'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                                     |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Expression Get All Translations ({res:itgen_expr_get_all_translations}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expr_get_all_translations                                    |                          |                          |                          |
| Label Plural                | {res:itgen_expr_get_all_translationses}                                 |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_expr_get_all_translationses}                                 |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
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| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.expr\_get\_last\_identity - expr\_get\_last\_identity**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | expr_get_last_identity  |                          |                          |                          |
| Definition                  | SQL expression to get last identity assigned                      |                          |                          |                          |
| Example                     | 'tst_session.get_context_last_id'                                 |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Expression Get Last Identity ({res:itgen_expr_get_last_identity}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expr_get_last_identity                                 |                          |                          |                          |
| Label Plural                | {res:itgen_expr_get_last_identities}                              |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_expr_get_last_identities}                              |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.apn.expr\_register\_interaction - expr\_register\_interaction**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | expr_register_interaction  |                          |                          |                          |
| Definition                  | PL/SQL expression to register an interaction.                                |                          |                          |                          |
| Example                     | 'bubs_session.register_interaction'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Expression Register Interaction ({res:itgen_expr_register_interaction})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expr_register_interaction   |                          |                          |                          |
| Label Plural                | Expression to Register Interactions ({res:itgen_expr_register_interactions}) |                          |                          |                          |
| Label Plural as Reference   | Expression to Register Interactions ({res:itgen_expr_register_interactions}) |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.expr\_restricted\_logon - expr\_restricted\_logon**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | expr_restricted_logon   |                          |                          |                          |
| Definition                  | PL/SQL procedure to perform a restricted logon.                 |                          |                          |                          |
| Example                     | 'itgen_restricted_logon'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Expression Restricted Logon ({res:itgen_expr_restricted_logon}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expr_restricted_logon                                |                          |                          |                          |
| Label Plural                | {res:itgen_expr_restricted_logons}                              |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_expr_restricted_logons}                              |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.apn.expr\_session\_user\_identity - expr\_session\_user\_identity**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | expr_session_user_identity  |                          |                          |                          |
| Definition                  | SQL expression to get session user identity                               |                          |                          |                          |
| Example                     | 'tst_session.get_session_user_id'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Expression Session User Identity ({res:itgen_expr_session_user_identity}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expr_session_user_identity                                     |                          |                          |                          |
| Label Plural                | {res:itgen_expr_session_user_identities}                                  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_expr_session_user_identities}                                  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

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|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.expr\_set\_point\_in\_time - expr\_set\_point\_in\_time**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | expr_set_point_in_time  |                          |                          |                          |
| Definition                  | PL/SQL expression to set point in time                            |                          |                          |                          |
| Example                     | 'tst_session.set_point_in_time'                                   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Expression Set Point in Time ({res:itgen_expr_set_point_in_time}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expr_set_point_in_time                                 |                          |                          |                          |
| Label Plural                | {res:itgen_expr_set_point_in_times}                               |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_expr_set_point_in_times}                               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.apn.expr\_set\_session\_info - expr\_set\_session\_info**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | expr_set_session_info   |                          |                          |                          |
| Definition                  | PL/SQL expression to set session info                           |                          |                          |                          |
| Example                     | 'tst_session.set_session_info'                                  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Expression set_session_info ({res:itgen_expr_set_session_info}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expr_set_session_info                                |                          |                          |                          |
| Label Plural                | {res:itgen_expr_set_session_infos}                              |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_expr_set_session_infos}                              |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

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|--------------------|------|---|
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**Table Column Details**

**itgen.apn.expr\_translate\_keys - expr\_translate\_keys**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | expr_translate_keys   |                          |                          |                          |
| Definition                  | Expression to translate keys                                |                          |                          |                          |
| Example                     | 'itgen#translations.translate_keys'                         |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                    |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Expression Translate Keys ({res:itgen_expr_translate_keys}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expr_translate_keys                              |                          |                          |                          |
| Label Plural                | {res:itgen_expr_translate_keyses}                           |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_expr_translate_keyses}                           |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.apn.expr\_unset\_session\_info - expr\_unset\_session\_info**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | expr_unset_session_info   |                          |                          |                          |
| Definition                  | PL/SQL expression to unset session info                             |                          |                          |                          |
| Example                     | 'tst_session.unset_session_user'                                    |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Expression unset_session_info ({res:itgen_expr_unset_session_info}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_expr_unset_session_info                                  |                          |                          |                          |
| Label Plural                | {res:itgen_expr_unset_session_infos}                                |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_expr_unset_session_infos}                                |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

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|--------------------|------|---|
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**Table Column Details**

**itgen.apn.flag\_column\_postfix - flag\_column\_postfix**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | flag_column_postfix                                      |                          |                          |                          |
| Definition                  | Postfix for flag field                                   |                          |                          |                          |
| Example                     | _flag  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                 |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Postfix for Flag Field ({res:itgen_flag_column_postfix}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_flag_column_postfix                           |                          |                          |                          |
| Label Plural                | {res:itgen_flag_column_postfixes}                        |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_flag_column_postfixes}                        |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                     |                          |                          |                          |

**itgen.apn.flag\_value\_no - flag\_value\_no**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | flag_value_no   |                          |                          |                          |
| Definition                  | Flag filed value for "no"                             |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Flag Field Value for "no" ({res:itgen_flag_value_no}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_flag_value_no                              |                          |                          |                          |
| Label Plural                | {res:itgen_flag_value_nos}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_flag_value_nos}                            |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.flag\_value\_yes - flag\_value\_yes**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | flag_value_yes  |                          |                          |                          |
| Definition                  | Flag field value for "yes"                              |                          |                          |                          |
| Example                     | 'Y'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Flag Field Value for "yes" ({res:itgen_flag_value_yes}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_flag_value_yes                               |                          |                          |                          |
| Label Plural                | {res:itgen_flag_value_yeses}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_flag_value_yeses}                            |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                                   |                          |                          |                          |

**itgen.apn.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

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**Tables**

| Name               | Code | Label Plural                            |
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| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.include\_calc\_value\_flag - include\_calc\_value\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | include_calc_value_flag  |                          |                          |                          |
| Definition                  | Indicator whether to include call to additional business rule procedure            |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Include Call Additional Business Rules Value ({res:itgen_include_calc_value_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_include_calc_value_flag   |                          |                          |                          |
| Label Plural                | {res:itgen_include_calc_value_flags}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_include_calc_value_flags}   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |

**itgen.apn.include\_calc\_value\_prefix - include\_calc\_value\_prefix**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | include_calc_value_prefix   |                          |                          |                          |
| Definition                  | Additional business rule procedure prefix   |                          |                          |                          |
| Example                     | 'NA'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Additional Business Rule Procedure Prefix ({res:itgen_include_calc_value_prefix}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_include_calc_value_prefix  |                          |                          |                          |
| Label Plural                | {res:itgen_include_calc_value_prefixes}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_include_calc_value_prefixes}   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.include\_nk\_column\_flag - include\_nk\_column\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | include_nk_column_flag  |                          |                          |                          |
| Definition                  | Indicator whether to include Natural Key columns                |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Include Natural Key Column ({res:itgen_include_nk_column_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_include_nk_column_flag                               |                          |                          |                          |
| Label Plural                | {res:itgen_include_nk_column_flags}                             |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_include_nk_column_flags}                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.apn.name - name**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | name                                |                          |                          |                          |
| Definition                  | Name of the application.            |                          |                          |                          |
| Example                     | Invantive Producer Test             |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(240 char)                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Name ({res:itgen_name})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name                     |                          |                          |                          |
| Label Plural                | Names ({res:itgen_names})           |                          |                          |                          |
| Label Plural as Reference   | Names ({res:itgen_names})           |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.nk\_postfix\_value - nk\_postfix\_value**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | nk_postfix_value  |                          |                          |                          |
| Definition                  | Postfix for the natural key column in a business object view. |                          |                          |                          |
| Example                     | >   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Natural Key Postfix ({res:itgen_nk_postfix_value})            |                          |                          |                          |
| Label Singular as Reference | {res:itgen_nk_postfix_value                                   |                          |                          |                          |
| Label Plural                | Natural Key Postfixes ({res:itgen_nk_postfix_values})         |                          |                          |                          |
| Label Plural as Reference   | Natural Key Postfixes ({res:itgen_nk_postfix_values})         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.apn.nk\_prefix\_value - nk\_prefix\_value**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | nk_prefix_value  |                          |                          |                          |
| Definition                  | Prefix for the natural key column in a business object view. |                          |                          |                          |
| Example                     | <  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Natural Key Prefix ({res:itgen_nk_prefix_value})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_nk_prefix_value                                   |                          |                          |                          |
| Label Plural                | Natural Key Prefixes ({res:itgen_nk_prefix_values})          |                          |                          |                          |
| Label Plural as Reference   | Natural Key Prefixes ({res:itgen_nk_prefix_values})          |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

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|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.nk\_separator\_value - nk\_separator\_value**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | nk_separator_value   |                          |                          |                          |
| Definition                  | Separator between consecutive elements of the natural key. |                          |                          |                          |
| Example                     | '.'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                        |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                   |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                        |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Natural Key Separator ({res:itgen_nk_separator_value})     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_nk_separator_value                              |                          |                          |                          |
| Label Plural                | {res:itgen_nk_separator_values}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_nk_separator_values}                            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.proc\_log\_are - proc\_log\_are**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | proc_log_are                                       |                          |                          |                          |
| Definition                  | Procedure for logging execution of attribute rules |                          |                          |                          |
| Example                     | 'bubs_session.log_are_event'                       |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)                                 |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                |                          |                          |                          |
| Display                     | In Search Filter                                   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                           |                          |                          |                          |
| System Column               | <input type="checkbox"/>                           |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                           |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                           |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                           |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_proc_log_are}                           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_proc_log_are                            |                          |                          |                          |
| Label Plural                | {res:itgen_proc_log_ares}                          |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_proc_log_ares}                          |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

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**Table Column Details**

**itgen.apn.std\_select\_clause\_view - std\_select\_clause\_view**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | std_select_clause_view   |                          |                          |                          |
| Definition                  | Standard select clause to be added to all business object views. |                          |                          |                          |
| Example                     | ' , 1 dummy'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Standard Select Clause ({res:itgen_std_select_clause_view})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_std_select_clause_view                                |                          |                          |                          |
| Label Plural                | Standard Select Clauses ({res:itgen_std_select_clause_views})    |                          |                          |                          |
| Label Plural as Reference   | Standard Select Clauses ({res:itgen_std_select_clause_views})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.apn.std\_select\_clause\_view\_I - std\_select\_clause\_view\_I**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | std_select_clause_view_I   |                          |                          |                          |
| Definition                  | Standard select clause to be added to all business object views. |                          |                          |                          |
| Example                     | ' , 1 dummy'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | clob   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Standard Select Clause ({res:itgen_std_select_clause_view_I})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_std_select_clause_view_I                              |                          |                          |                          |
| Label Plural                | Standard Select Clauses ({res:itgen_std_select_clause_views})    |                          |                          |                          |
| Label Plural as Reference   | Standard Select Clauses ({res:itgen_std_select_clause_views})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.std\_where\_clause\_view - std\_where\_clause\_view**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | std_where_clause_view                                       |                          |                          |                          |
| Definition                  | Where clause to be added to all business object views.      |                          |                          |                          |
| Example                     | '1=1'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Standard Where Clause ({res:itgen_std_where_clause_view})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_std_where_clause_view                            |                          |                          |                          |
| Label Plural                | Standard Where Clauses ({res:itgen_std_where_clause_views}) |                          |                          |                          |
| Label Plural as Reference   | Standard Where Clauses ({res:itgen_std_where_clause_views}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.apn.std\_where\_clause\_view\_l - std\_where\_clause\_view\_l**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | std_where_clause_view_l                                     |                          |                          |                          |
| Definition                  | Where clause to be added to a business object views.        |                          |                          |                          |
| Example                     | '1=1'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | clob  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Standard Where Clause ({res:itgen_std_where_clause_view_l}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_std_where_clause_view_l                          |                          |                          |                          |
| Label Plural                | Standard Where Clauses ({res:itgen_std_where_clause_views}) |                          |                          |                          |
| Label Plural as Reference   | Standard Where Clauses ({res:itgen_std_where_clause_views}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.table\_name\_codes - table\_name\_codes**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | table_name_codes                                    |                          |                          |                          |
| Definition                  | Table with codes                                    |                          |                          |                          |
| Example                     | 'tst_codes'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)                                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter                                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                            |                          |                          |                          |
| System Column               | <input type="checkbox"/>                            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                            |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Table Name for Codes ({res:itgen_table_name_codes}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_table_name_codes}                        |                          |                          |                          |
| Label Plural                | {res:itgen_table_name_codeses}                      |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_table_name_codeses}                      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                |                          |                          |                          |

**itgen.apn.table\_name\_code\_values - table\_name\_code\_values**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | table_name_code_values  |                          |                          |                          |
| Definition                  | Table with code values  |                          |                          |                          |
| Example                     | 'tst_code_values'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Table Name for Code Values ({res:itgen_table_name_code_values}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_table_name_code_values}                              |                          |                          |                          |
| Label Plural                | {res:itgen_table_name_code_valueses}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_table_name_code_valueses}                            |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Table Column Details**

**itgen.apn.table\_name\_interactions - table\_name\_interactions**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | table_name_interactions                                       |                          |                          |                          |
| Definition                  | Table with interactions                                       |                          |                          |                          |
| Example                     | 'tst_interactions'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                      |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Table with Interactions ({res:itgen_table_name_interactions}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_table_name_interactions                            |                          |                          |                          |
| Label Plural                | {res:itgen_table_name_interactionses}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_table_name_interactionses}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.apn.table\_name\_transactions - table\_name\_transactions**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | table_name_transactions                                       |                          |                          |                          |
| Definition                  | Table with transactions                                       |                          |                          |                          |
| Example                     | 'tst_transactions'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                      |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Table with Transactions ({res:itgen_table_name_transactions}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_table_name_transactions                            |                          |                          |                          |
| Label Plural                | {res:itgen_table_name_transactionses}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_table_name_transactionses}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.apn.itgen\_apn\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_apn_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| code | 1        |               |

**itgen.apn.itgen\_apn\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_apn_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**itgen.apn.itgen\_apn\_n1**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_apn_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

**Index Columns**

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

#### Attribute Rules

##### itgen.apn.atr040 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr040  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>:last.apn_code = lower(:last.apn_code)</code>                         |
| Action Specification     |   |
| User Message             | Correct the code of the application. ({res:itgen_atr040_user_message})      |
| Documentation            | The application code must be lower case. ({res:itgen_atr040_documentation}) |

##### itgen.apn.atr056 - 30 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr056   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 30   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>:last.apn_include_nk_column_flag = 'N' or (:last.apn_c_nk is not null)</code>  |
| Action Specification     |  |
| User Message             | Enter the name of the natural key column for the application. Or disable the generation of a natural key column. ({res:itgen_atr056_user_message})               |
| Documentation            | The name of the natural key column must be specified on the application when a natural key is to be added to the column list. ({res:itgen_atr056_documentation}) |

##### itgen.apn.atr059 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr059   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_expr_get_last_identity) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr059_user_message})   |
| Documentation            | Expression to get last Identity Assigned may not include characters outside the US ASCII character set. ({res:itgen_atr059_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

#### Attribute Rules

##### itgen.apn.atr060 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr060  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_expr_session_user_identity) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr060_user_message})  |
| Documentation            | Expression to Get Session User Identity may not include characters outside the US ASCII character set. ({res:itgen_atr060_documentation}) |

##### itgen.apn.atr061 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr061   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_h_identity) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr061_user_message})                                       |
| Documentation            | Column for Identity on History may not include characters outside the US ASCII character set. ({res:itgen_atr061_documentation}) |

##### itgen.apn.atr062 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr062  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_date_created) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr062_user_message})                              |
| Documentation            | Column "date created" may not include characters outside the US ASCII character set. ({res:itgen_atr062_documentation}) |

##### itgen.apn.atr063 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr063  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_created_by) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr063_user_message})                            |
| Documentation            | Column "created by" may not include characters outside the US ASCII character set. ({res:itgen_atr063_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

#### Attribute Rules

##### itgen.apn.atr064 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr064  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_created_in) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr064_user_message})                            |
| Documentation            | Column "created in" may not include characters outside the US ASCII character set. ({res:itgen_atr064_documentation}) |

##### itgen.apn.atr065 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr065   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_date_last_updated) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr065_user_message})                                   |
| Documentation            | Column "date last updated" may not include characters outside the US ASCII character set. ({res:itgen_atr065_documentation}) |

##### itgen.apn.atr066 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr066  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_updated_by) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr066_user_message})                            |
| Documentation            | Column "updated by" may not include characters outside the US ASCII character set. ({res:itgen_atr066_documentation}) |

##### itgen.apn.atr067 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr067  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_identity) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr067_user_message})                        |
| Documentation            | Column Identity may not include characters outside the US ASCII character set. ({res:itgen_atr067_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

#### Attribute Rules

##### itgen.apn.atr068 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr068  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_updated_in) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr068_user_message})                            |
| Documentation            | Column "updated in" may not include characters outside the US ASCII character set. ({res:itgen_atr068_documentation}) |

##### itgen.apn.atr069 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr069   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_transaction_created) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr069_user_message})                                     |
| Documentation            | Column "transaction created" may not include characters outside the US ASCII character set. ({res:itgen_atr069_documentation}) |

##### itgen.apn.atr070 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr070   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_transaction_updated) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr070_user_message})                                     |
| Documentation            | Column "transaction updated" may not include characters outside the US ASCII character set. ({res:itgen_atr070_documentation}) |

##### itgen.apn.atr071 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr071   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_session_created) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr071_user_message})                                 |
| Documentation            | Column "session created" may not include characters outside the US ASCII character set. ({res:itgen_atr071_documentation}) |



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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

#### Attribute Rules

##### itgen.apn.atr072 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr072   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_session_updated) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr072_user_message})                                 |
| Documentation            | Column "session updated" may not include characters outside the US ASCII character set. ({res:itgen_atr072_documentation}) |

##### itgen.apn.atr073 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr073   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_orig_system_reference) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr073_user_message})   |
| Documentation            | Column "original system reference" may not include characters outside the US ASCII character set. ({res:itgen_atr073_documentation}) |

##### itgen.apn.atr074 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr074   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_orig_system_group) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr074_user_message})                                       |
| Documentation            | Column "original system group" may not include characters outside the US ASCII character set. ({res:itgen_atr074_documentation}) |

##### itgen.apn.atr075 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr075  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_date_intrf_created) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr075_user_message})  |
| Documentation            | Column "date interface created" may not include characters outside the US ASCII character set. ({res:itgen_atr075_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

#### Attribute Rules

##### itgen.apn.atr076 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr076   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_date_intrf_last_updated) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr076_user_message})   |
| Documentation            | Column "date interface last updated" may not include characters outside the US ASCII character set. ({res:itgen_atr076_documentation}) |

##### itgen.apn.atr077 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr077   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_column_type) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr077_user_message})                             |
| Documentation            | Column "column type" may not include characters outside the US ASCII character set. ({res:itgen_atr077_documentation}) |

##### itgen.apn.atr078 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr078   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_column_prefix) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr078_user_message})                               |
| Documentation            | Column "column prefix" may not include characters outside the US ASCII character set. ({res:itgen_atr078_documentation}) |

##### itgen.apn.atr079 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr079   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_h_event) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr079_user_message})                               |
| Documentation            | Column "history event" may not include characters outside the US ASCII character set. ({res:itgen_atr079_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

#### Attribute Rules

##### itgen.apn.atr080 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr080  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_h_date_starts) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr080_user_message})                                    |
| Documentation            | Column "history date start" may not include characters outside the US ASCII character set. ({res:itgen_atr080_documentation}) |

##### itgen.apn.atr081 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr081   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_h_date_ends) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr081_user_message})                                   |
| Documentation            | Column "history date ends" may not include characters outside the US ASCII character set. ({res:itgen_atr081_documentation}) |

##### itgen.apn.atr082 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr082  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_h_active_when_filled) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr082_user_message})  |
| Documentation            | Column "history active when filled" may not include characters outside the US ASCII character set. ({res:itgen_atr082_documentation}) |

##### itgen.apn.atr083 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr083   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_expression_point_in_time) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr083_user_message})                                 |
| Documentation            | Expression point_in_time may not include characters outside the US ASCII character set. ({res:itgen_atr083_documentation}) |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

**Attribute Rules**

**itgen.apn.atr084 - 10 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr084   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_expr_set_point_in_time) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr084_user_message})                                     |
| Documentation            | Expression Set Point in Time may not include characters outside the US ASCII character set. ({res:itgen_atr084_documentation}) |

**itgen.apn.atr085 - 10 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr085  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_expr_set_session_info) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr085_user_message})                                    |
| Documentation            | Expression set_session_info may not include characters outside the US ASCII character set. ({res:itgen_atr085_documentation}) |

**itgen.apn.atr086 - 10 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr086  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_expr_unset_session_info) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr086_user_message})                                      |
| Documentation            | Expression unset_session_info may not include characters outside the US ASCII character set. ({res:itgen_atr086_documentation}) |

**itgen.apn.atr087 - 10 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr087  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_expr_effective_date) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr087_user_message})                                  |
| Documentation            | Expression Effective Date may not include characters outside the US ASCII character set. ({res:itgen_atr087_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

#### Attribute Rules

##### itgen.apn.atr088 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr088  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_expr_translate_keys) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr088_user_message})                                  |
| Documentation            | Expression Translate Keys may not include characters outside the US ASCII character set. ({res:itgen_atr088_documentation}) |

##### itgen.apn.atr089 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr089  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_std_where_clause_view) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr089_user_message})                              |
| Documentation            | Standard Where Clause may not include characters outside the US ASCII character set. ({res:itgen_atr089_documentation}) |

##### itgen.apn.atr090 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr090   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_std_select_clause_view) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr090_user_message})                               |
| Documentation            | Standard Select Clause may not include characters outside the US ASCII character set. ({res:itgen_atr090_documentation}) |

##### itgen.apn.atr091 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr091  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_include_calc_value_prefix) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr091_user_message})  |
| Documentation            | Additional Business Rule Procedure Prefix may not include characters outside the US ASCII character set. ({res:itgen_atr091_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_applications | apn  | Applications ({res:itgen_applications}) |

#### Attribute Rules

##### itgen.apn.atr092 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr092   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_proc_log_are) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr092_user_message})   |
| Documentation            | Procedure for Logging Execution of Attribute Rules may not include characters outside the US ASCII character set. ({res:itgen_atr092_documentation}) |

##### itgen.apn.atr093 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr093   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.apn_c_nk) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr093_user_message})                           |
| Documentation            | Natural Key Column may not include characters outside the US ASCII character set. ({res:itgen_atr093_documentation}) |

##### itgen.apn.atr124 - 10 - Insert - Action

|                          |   |
|--------------------------|---|
| Code                     | atr124  |
| Event Category           | Insert  |
| Action Category          | Action  |
| Action Moment            | B   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>                          |
| Create                   | <input checked="" type="checkbox"/>               |
| Constraint Specification | <code>:last.apn_autocompleted_flag is null</code> |
| Action Specification     | <code>:last.apn_autocompleted_flag := 'N';</code> |
| User Message             |   |
| Documentation            |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

**Table Definition**

**are - itgen\_attribute\_rules**

|                                |   |
|--------------------------------|---|
| Code                           | are   |
| Name                           | itgen_attribute_rules   |
| Definition                     | Business rules, consisting of constraints placed on the data in the application and actions to be performed in specific events. |
| Example                        | Send an email to user 'John' when a contract is updated.  |
| Autocompleted                  | <input type="checkbox"/>  |
| Create                         | <input checked="" type="checkbox"/>   |
| Create History                 | <input checked="" type="checkbox"/>   |
| Show History                   | <input checked="" type="checkbox"/>   |
| User May Delete                | <input type="checkbox"/>  |
| User May Insert                | <input type="checkbox"/>  |
| User May Select                | <input type="checkbox"/>  |
| User May Update                | <input type="checkbox"/>  |
| Interface?                     | <input type="checkbox"/>  |
| Derived                        | <input type="checkbox"/>  |
| Default Reference Columns      | id,code,user_message,constraint_specification,event_category  |
| Data Category                  | Transaction   |
| Label Plural                   | Attribute Rules ({res:itgen_attribute_rules})   |
| Label Plural when Referenced   | Attribute Rules ({res:itgen_attribute_rules})   |
| Label Singular                 | Attribute Rule ({res:itgen_attribute_rule})   |
| Label Singular when Referenced | Attribute Rule ({res:itgen_attribute_rule})   |
| Number of Rows                 |   |
| Documentation                  |   |



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## Applications

## itgen - Invantive Producer

## Tables

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

## Table Columns

| Name                                       | Data Type           | Opt.                                | Label Singular  | Definition  |
|--|---------------------|-------------------------------------|---|---|
| <a href="#">action_category</a>            | char(1 byte)        | <input type="checkbox"/>            | Action Category ({res:itgen_action_category})                     | ?   |
| <a href="#">autocompleted_flag</a>         | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag})                    | Indicator whether this row was added by autocomplete.                                       |
| <a href="#">code</a>                       | varchar2(30 char)   | <input type="checkbox"/>            | Code ({res:itgen_code})   | Unique alphanumeric code.   |
| <a href="#">constraint_specification</a>   | varchar2(4000 char) | <input type="checkbox"/>            | Constraint Specification ({res:itgen_constraint_specification})   | ?   |
| <a href="#">create_flag</a>                | char(1 byte)        | <input type="checkbox"/>            | Create ({res:itgen_create_flag})                                  | Indicator whether the attribute rule will be created  |
| <a href="#">event_category</a>             | char(1 byte)        | <input type="checkbox"/>            | Event Category ({res:itgen_event_category})                       | ?   |
| <a href="#">id</a>                         | number(15, 0)       | <input type="checkbox"/>            |   | ?   |
| <a href="#">sorting_order</a>              | number(5, 0)        | <input type="checkbox"/>            | Sort Order ({res:itgen_sorting_order})                            | Numeric value that determines the ordering of the records in this table in a drop-down box. |
| <a href="#">tbe_id</a>                     | number(15, 0)       | <input type="checkbox"/>            | {res:itgen_tbe_id}  | Reference to a table registered in ITGEN_TABLES.  |
| <a href="#">action_moment</a>              | char(1 byte)        | <input checked="" type="checkbox"/> | Action Moment ({res:itgen_action_moment})                         | ?   |
| <a href="#">action_specification</a>       | varchar2(4000 char) | <input checked="" type="checkbox"/> | Action Specification ({res:itgen_action_specification})           | ?   |
| <a href="#">action_specification_l</a>     | clob                | <input checked="" type="checkbox"/> | Action Specification ({res:itgen_action_specification_l})         | ?   |
| <a href="#">constraint_specification_l</a> | clob                | <input checked="" type="checkbox"/> | Constraint Specification ({res:itgen_constraint_specification_l}) | ?   |
| <a href="#">documentation</a>              | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})                         | Documentation on the attribute rule.  |
| <a href="#">documentation_l</a>            | clob                | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation_l})                       | Documentation on the attribute rule. Will replace the column 'documentation' in the future. |
| <a href="#">user_message</a>               | varchar2(4000 char) | <input checked="" type="checkbox"/> | User Message ({res:itgen_user_message})                           | ?   |
| <a href="#">user_message_l</a>             | clob                | <input checked="" type="checkbox"/> | User Message ({res:itgen_user_message_l})                         | ?   |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

**Table Column Details**

**itgen.are.action\_category - action\_category**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | action_category                                   |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter                                  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                          |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Action Category ({res:itgen_action_category})     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_action_category                        |                          |                          |                          |
| Label Plural                | Action Categories ({res:itgen_action_categories}) |                          |                          |                          |
| Label Plural as Reference   | Action Categories ({res:itgen_action_categories}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                             |                          |                          |                          |

**itgen.are.action\_moment - action\_moment**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | action_moment                               |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Action Moment ({res:itgen_action_moment})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_action_moment                    |                          |                          |                          |
| Label Plural                | Action Moments ({res:itgen_action_moments}) |                          |                          |                          |
| Label Plural as Reference   | Action Moments ({res:itgen_action_moments}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

**Table Column Details**

**itgen.are.action\_specification - action\_specification**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | action_specification                                      |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                       |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Action Specification ({res:itgen_action_specification})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_action_specification                           |                          |                          |                          |
| Label Plural                | Action Specifications ({res:itgen_action_specifications}) |                          |                          |                          |
| Label Plural as Reference   | Action Specifications ({res:itgen_action_specifications}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.are.action\_specification\_l - action\_specification\_l**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | action_specification_l                                    |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | clob  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Action Specification ({res:itgen_action_specification_l}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_action_specification_l                         |                          |                          |                          |
| Label Plural                | Action Specifications ({res:itgen_action_specifications}) |                          |                          |                          |
| Label Plural as Reference   | Action Specifications ({res:itgen_action_specifications}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

**Table Column Details**

**itgen.are.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag                         |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |

**itgen.are.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code   |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

**Table Column Details**

**itgen.are.constraint\_specification - constraint\_specification**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | constraint_specification  |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Constraint Specification ({res:itgen_constraint_specification})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_constraint_specification                               |                          |                          |                          |
| Label Plural                | Constraint Specifications ({res:itgen_constraint_specifications}) |                          |                          |                          |
| Label Plural as Reference   | Constraint Specifications ({res:itgen_constraint_specifications}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.are.constraint\_specification\_l - constraint\_specification\_l**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | constraint_specification_l  |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | clob  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Constraint Specification ({res:itgen_constraint_specification_l}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_constraint_specification_l                             |                          |                          |                          |
| Label Plural                | Constraint Specifications ({res:itgen_constraint_specifications}) |                          |                          |                          |
| Label Plural as Reference   | Constraint Specifications ({res:itgen_constraint_specifications}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

**Table Column Details**

**itgen.are.create\_flag - create\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | create_flag  |                          |                          |                          |
| Definition                  | Indicator whether the attribute rule will be created |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Create ({res:itgen_create_flag})                     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_create_flag                               |                          |                          |                          |
| Label Plural                | Creates ({res:itgen_create_flags})                   |                          |                          |                          |
| Label Plural as Reference   | Creates ({res:itgen_create_flags})                   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                 |                          |                          |                          |

**itgen.are.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                               |                          |                          |                          |
| Definition                  | Documentation on the attribute rule.        |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                    |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

**Table Column Details**

**itgen.are.documentation\_1 - documentation\_1**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation_1   |                          |                          |                          |
| Definition                  | Documentation on the attribute rule. Will replace the column 'documentation' in the future. |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | clob  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation_1})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation_1  |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})   |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.are.event\_category - event\_category**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | event_category                                  |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                    |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                        |                          |                          |                          |
| Display                     | In Search Filter                                | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                        |                          |                          |                          |
| System Column               | <input type="checkbox"/>                        |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                        |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                        |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                        |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Event Category ({res:itgen_event_category})     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_event_category                       |                          |                          |                          |
| Label Plural                | Event Categories ({res:itgen_event_categories}) |                          |                          |                          |
| Label Plural as Reference   | Event Categories ({res:itgen_event_categories}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                            |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

**Table Column Details**

**itgen.are.id - id**

|                             |                                     |                          |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |                          |
| Display                     |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |                          |

**itgen.are.sorting\_order - sorting\_order**

|                             |   |                          |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | sorting_order   |                          |                          |                          |                          |
| Definition                  | Numeric value that determines the ordering of the records in this table in a drop-down box.                     |                          |                          |                          |                          |
| Example                     | The value 10 would ensure that this record appears after the one with value 5 and before the one with value 15. |                          |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |                          |
| Documentation               |   |                          |                          |                          |                          |
| Data Type                   | number(5, 0)  |                          |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |                          |
| Display                     |   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |                          |
| Label Singular              | Sort Order ({res:itgen_sorting_order})  |                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_sorting_order  |                          |                          |                          |                          |
| Label Plural                | Sort Orders ({res:itgen_sorting_orders})  |                          |                          |                          |                          |
| Label Plural as Reference   | Sort Orders ({res:itgen_sorting_orders})  |                          |                          |                          |                          |
| Display Order               |   |                          |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

**Table Column Details**

**itgen.are.tbe\_id - tbe\_id**

|                             |  |   |                                 |                                    |  |
|-----------------------------|--|---|---------------------------------|------------------------------------|--|
| Name                        | tbe_id   |   |                                 |                                    |  |
| Definition                  | Reference to a table registered in ITGEN_TABLES. |   |                                 |                                    |  |
| Example                     | 21   |   |                                 |                                    |  |
| Definition for Manual       |  |   |                                 |                                    |  |
| Documentation               |  |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                                    |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>                         |   |                                 |                                    |  |
| Display                     |  | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                         |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>                         |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>              |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>                         |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>                         |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>                         |   |                                 |                                    |  |
| Expression Default Value    |  |   |                                 |                                    |  |
| Label Singular              | {res:itgen_tbe_id}                               |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_tbe_id}                               |   |                                 |                                    |  |
| Label Plural                | {res:itgen_tbe_ids}                              |   |                                 |                                    |  |
| Label Plural as Reference   | {res:itgen_tbe_ids}                              |   |                                 |                                    |  |
| Display Order               |  |   |                                 |                                    |  |
| Add Purchase Order          | A001   |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                               |   |                                 |                                    |  |

**itgen.are.user\_message - user\_message**

|                             |   |   |                                 |                                    |  |
|-----------------------------|---|---|---------------------------------|------------------------------------|--|
| Name                        | user_message                              |   |                                 |                                    |  |
| Definition                  | ?   |   |                                 |                                    |  |
| Example                     | ?   |   |                                 |                                    |  |
| Definition for Manual       |   |   |                                 |                                    |  |
| Documentation               |   |   |                                 |                                    |  |
| Data Type                   | varchar2(4000 char)                       |   |                                 |                                    |  |
| Nullable                    | <input checked="" type="checkbox"/>       |   |                                 |                                    |  |
| Display                     |   | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                  |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>                  |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>       |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>                  |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>                  |   |                                 |                                    |  |
| Translatable                | <input checked="" type="checkbox"/>       |   |                                 |                                    |  |
| Expression Default Value    |   |   |                                 |                                    |  |
| Label Singular              | User Message ({res:itgen_user_message})   |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_user_message}                  |   |                                 |                                    |  |
| Label Plural                | User Messages ({res:itgen_user_messages}) |   |                                 |                                    |  |
| Label Plural as Reference   | User Messages ({res:itgen_user_messages}) |   |                                 |                                    |  |
| Display Order               |   |   |                                 |                                    |  |
| Add Purchase Order          | A001                                      |   |                                 |                                    |  |
| Conversion                  | :orig                                     |   |                                 |                                    |  |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

**Table Column Details**

**itgen.are.user\_message\_l - user\_message\_l**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | user_message_l                            |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | clob                                      |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Display                     | In Search Filter                          | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                  |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | User Message ({res:itgen_user_message_l}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_user_message_l                 |                          |                          |                          |
| Label Plural                | User Messages ({res:itgen_user_messages}) |                          |                          |                          |
| Label Plural as Reference   | User Messages ({res:itgen_user_messages}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                      |                          |                          |                          |
| Conversion                  | :orig                                     |                          |                          |                          |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

#### Indexes

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.are.itgen\_are\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_are_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| tbe_id | 1        |               |
| code   | 2        |               |

##### itgen.are.itgen\_are\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_are_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

##### itgen.are.itgen\_are\_n1

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_are_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

##### itgen.are.itgen\_are\_tbe\_fk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_are_tbe_fk                    |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| tbe_id | 1        |               |

#### Referential Constraints

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_are_tbe_fk | itgen.are.tbe_id | itgen.tbe.id      |      |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

#### Attribute Rules

##### itgen.are.atr001 - 20 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr001   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>(:last.are_event_category in ('M', 'U', 'D', 'A', 'I'))</code>   |
| Action Specification     |  |
| User Message             | The event category must be M (mutation: insert/update), U (update), D (delete), A (all) or I (insert). ({res:itgen_atr001_user_message}) |
| Documentation            | The event category must be M (mutate: insert/update), U (update), D (delete), A (all) or I (insert). ({res:itgen_atr001_documentation})  |

##### itgen.are.atr002 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr002  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>(:last.are_action_category in ('E', 'A'))</code>                                      |
| Action Specification     |   |
| User Message             | Choose a different action category. ({res:itgen_atr002_user_message})                       |
| Documentation            | The action category must be 'E' (Error) or 'A' (Action). ({res:itgen_atr002_documentation}) |

##### itgen.are.atr003 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr003  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>( :last.are_action_category = 'E'<br/>       and :last.are_action_specification is null<br/>       and :last.are_user_message is not null<br/>       )<br/>       or<br/>       ( :last.are_action_category = 'A'<br/>       and :last.are_action_specification is not null<br/>       and :last.are_user_message is null<br/>       )</code> |
| Action Specification     |   |
| User Message             | Adapt the attribute rule. ({res:itgen_atr003_user_message})   |
| Documentation            | For an error attribute rule, the action specification must be empty and the user message is required. For an action attribute rule, the action specification is required and the user message must be empty. ({res:itgen_atr003_documentation})   |

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## Applications

### itgen - Invantive Producer

## Tables

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

## Attribute Rules

### itgen.are.atr019 - 10 - Insert - Action

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | atr019                              |
| Event Category           | Insert                              |
| Action Category          | Action                              |
| Action Moment            | B                                   |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input checked="" type="checkbox"/> |
| Constraint Specification | :last.are_create_flag is null       |
| Action Specification     | :last.are_create_flag := 'Y';       |
| User Message             |                                     |
| Documentation            |                                     |

### itgen.are.atr027 - 10 - Insert - Action

|                          |                                      |
|--------------------------|--------------------------------------|
| Code                     | atr027                               |
| Event Category           | Insert                               |
| Action Category          | Action                               |
| Action Moment            | B                                    |
| Sort Order               | 10                                   |
| Autocompleted            | <input type="checkbox"/>             |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.are_autocompleted_flag is null |
| Action Specification     | :last.are_autocompleted_flag := 'N'; |
| User Message             |                                      |
| Documentation            |                                      |

### itgen.are.atr034 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr034   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | ( :last.are_action_category <> 'A'<br>or<br>itgen#attribute_rules.check_action_specification(:last.apn_code, :last.tbe_code, :last.are_action_specification, :last.are_create_flag) = 'Y'<br>) |
| Action Specification     |  |
| User Message             | Change the PL/SQL code in the action specification. ({res:itgen_atr034_user_message})  |
| Documentation            | The action specification must be valid PL/SQL. ({res:itgen_atr034_documentation})  |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name                  | Code | Label Plural                                  |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({res:itgen_attribute_rules}) |

#### Attribute Rules

##### itgen.are.atr035 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr035   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen#attribute_rules.check_constraint_specification(:last.apn_code, :last.tbe_code, :last.are_constraint_specification, :last.are_create_flag) = 'Y'</code> |

#### Action Specification

|               |  |
|---------------|--|
| User Message  | Change the code of the constraint specification to be valid PL/SQL or SQL. ({res:itgen_atr035_user_message}) |
| Documentation | The constraint specification must be valid PL/SQL or SQL. ({res:itgen_atr035_documentation})                 |

##### itgen.are.atr043 - 20 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr043   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>:last.are_code = lower(:last.are_code)</code>                            |
| Action Specification     |  |
| User Message             | Correct the code of the attribute rule. ({res:itgen_atr043_user_message})      |
| Documentation            | The attribute rule code must be lower case. ({res:itgen_atr043_documentation}) |

##### itgen.are.atr094 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr094   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.are_constraint_specification) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr094_user_message})                                 |
| Documentation            | Constraint Specification may not include characters outside the US ASCII character set. ({res:itgen_atr094_documentation}) |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural                                    |
|-----------------------|------|---|
| itgen_attribute_rules | are  | Attribute Rules ({{res:itgen_attribute_rules}}) |

**Attribute Rules**

**itgen.are.atr095 - 10 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr095   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.are_action_specification) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({{res:itgen_atr095_user_message}})                             |
| Documentation            | Action Specification may not include characters outside the US ASCII character set. ({{res:itgen_atr095_documentation}}) |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_codes | cde  | Codes ({res:itgen_codes}) |

**Table Definition**

**cde - itgen\_codes**

|                                |   |
|--------------------------------|---|
| Code                           | cde   |
| Name                           | itgen_codes   |
| Definition                     | A discrete domain of code values and their meaning. |
| Example                        | The code 'sexe' describes the possible sexes.       |
| Autocompleted                  | <input type="checkbox"/>                            |
| Create                         | <input checked="" type="checkbox"/>                 |
| Create History                 | <input checked="" type="checkbox"/>                 |
| Show History                   | <input checked="" type="checkbox"/>                 |
| User May Delete                | <input type="checkbox"/>                            |
| User May Insert                | <input type="checkbox"/>                            |
| User May Select                | <input type="checkbox"/>                            |
| User May Update                | <input type="checkbox"/>                            |
| Interface?                     | <input type="checkbox"/>                            |
| Derived                        | <input type="checkbox"/>                            |
| Default Reference Columns      | id,code,description                                 |
| Data Category                  | Seed  |
| Label Plural                   | Codes ({res:itgen_codes})                           |
| Label Plural when Referenced   | Codes ({res:itgen_codes})                           |
| Label Singular                 | Code ({res:itgen_code})                             |
| Label Singular when Referenced | Code ({res:itgen_code})                             |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                |
|-------------|------|-----------------------------|
| itgen_codes | cde  | Codes ({{res:itgen_codes}}) |

**Table Columns**

| Name                        | Data Type          | Opt.                     | Label Singular                          | Definition  |
|-----------------------------|--------------------|--------------------------|---|---|
| <a href="#">code</a>        | varchar2(30 char)  | <input type="checkbox"/> | Code ({{res:itgen_code}})               | Unique alphanumeric code.   |
| <a href="#">description</a> | varchar2(240 char) | <input type="checkbox"/> | Description ({{res:itgen_description}}) | Description in natural language for display on reports and screens. |
| <a href="#">id</a>          | number(15, 0)      | <input type="checkbox"/> |   | ?   |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_codes | cde  | Codes ({res:itgen_codes}) |

**Table Column Details**

**itgen.cde.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code   |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.cde.description - description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | description   |                          |                          |                          |
| Definition                  | Description in natural language for display on reports and screens. |                          |                          |                          |
| Example                     | None.   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description  |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_codes | cde  | Codes ({res:itgen_codes}) |

**Table Column Details**

**itgen.cde.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_codes | cde  | Codes ({res:itgen_codes}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.cde.itgen\_cde\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_cde_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| code | 1        |               |

**itgen.cde.itgen\_cde\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_cde_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Table Contents**

| Natural Key | Field             | Value  |
|-------------|-------------------|--|
| ERROR       | TABLE itgen_codes | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name              | Code | Label Plural                          |
|-------------------|------|---------------------------------------|
| itgen_code_values | cve  | Code Values ({res:itgen_code_values}) |

**Table Definition**

**cve - itgen\_code\_values**

|                                |   |
|--------------------------------|---|
| Code                           | cve   |
| Name                           | itgen_code_values   |
| Definition                     | A discrete code value of a code domain.                             |
| Example                        | The code value 'M' stands for 'Male' within the code domain 'sexe'. |
| Autocompleted                  | <input type="checkbox"/>  |
| Create                         | <input checked="" type="checkbox"/>                                 |
| Create History                 | <input checked="" type="checkbox"/>                                 |
| Show History                   | <input checked="" type="checkbox"/>                                 |
| User May Delete                | <input type="checkbox"/>  |
| User May Insert                | <input type="checkbox"/>  |
| User May Select                | <input type="checkbox"/>  |
| User May Update                | <input type="checkbox"/>  |
| Interface?                     | <input type="checkbox"/>  |
| Derived                        | <input type="checkbox"/>  |
| Default Reference Columns      | id,code,description   |
| Data Category                  | Seed  |
| Label Plural                   | Code Values ({res:itgen_code_values})                               |
| Label Plural when Referenced   | Code Values ({res:itgen_code_values})                               |
| Label Singular                 | Code Value ({res:itgen_code_value})                                 |
| Label Singular when Referenced | Code Value ({res:itgen_code_value})                                 |
| Number of Rows                 |   |
| Documentation                  |   |



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## Applications

### itgen - Invantive Producer

#### Tables

| Name              | Code | Label Plural                          |
|-------------------|------|---------------------------------------|
| itgen_code_values | cve  | Code Values ({res:itgen_code_values}) |

#### Table Columns

| Name                          | Data Type          | Opt.                     | Label Singular                         | Definition  |
|-------------------------------|--------------------|--------------------------|--|---|
| <a href="#">cde_id</a>        | number(15, 0)      | <input type="checkbox"/> | Code ID ({res:itgen_cde_id})           | Reference to a code range registered in ITGEN_CODES.  |
| <a href="#">code</a>          | varchar2(30 char)  | <input type="checkbox"/> | Code ({res:itgen_code})                | Unique alphanumeric code.   |
| <a href="#">description</a>   | varchar2(240 char) | <input type="checkbox"/> | Description ({res:itgen_description})  | Description in natural language for display on reports and screens.                         |
| <a href="#">id</a>            | number(15, 0)      | <input type="checkbox"/> |  | ?   |
| <a href="#">sorting_order</a> | number(5, 0)       | <input type="checkbox"/> | Sort Order ({res:itgen_sorting_order}) | Numeric value that determines the ordering of the records in this table in a drop-down box. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name              | Code | Label Plural                          |
|-------------------|------|---------------------------------------|
| itgen_code_values | cve  | Code Values ({res:itgen_code_values}) |

**Table Column Details**

**itgen.cve.cde\_id - cde\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | cde_id   |                          |                          |                          |
| Definition                  | Reference to a code range registered in ITGEN_CODES. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Code ID ({res:itgen_cde_id})                         |                          |                          |                          |
| Label Singular as Reference | {res:itgen_cde_id}                                   |                          |                          |                          |
| Label Plural                | Code IDs ({res:itgen_cde_ids})                       |                          |                          |                          |
| Label Plural as Reference   | Code IDs ({res:itgen_cde_ids})                       |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                   |                          |                          |                          |

**itgen.cve.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code}  |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name              | Code | Label Plural                          |
|-------------------|------|---------------------------------------|
| itgen_code_values | cve  | Code Values ({res:itgen_code_values}) |

**Table Column Details**

**itgen.cve.description - description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | description   |                          |                          |                          |
| Definition                  | Description in natural language for display on reports and screens. |                          |                          |                          |
| Example                     | None.   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description  |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.cve.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**itgen - Invantive Producer**

**Tables**

| Name              | Code | Label Plural                          |
|-------------------|------|---------------------------------------|
| itgen_code_values | cve  | Code Values ({res:itgen_code_values}) |

**Table Column Details**

**itgen.cve.sorting\_order - sorting\_order**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | sorting_order   |                          |                          |                          |
| Definition                  | Numeric value that determines the ordering of the records in this table in a drop-down box.                     |                          |                          |                          |
| Example                     | The value 10 would ensure that this record appears after the one with value 5 and before the one with value 15. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(5, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Sort Order ({res:itgen_sorting_order})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_sorting_order  |                          |                          |                          |
| Label Plural                | Sort Orders ({res:itgen_sorting_orders})  |                          |                          |                          |
| Label Plural as Reference   | Sort Orders ({res:itgen_sorting_orders})  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name              | Code | Label Plural                          |
|-------------------|------|---------------------------------------|
| itgen_code_values | cve  | Code Values ({res:itgen_code_values}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.cve.itgen\_cve\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_cve_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| cde_id | 1        |               |
| code   | 2        |               |

**itgen.cve.itgen\_cve\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_cve_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced            | Role |
|------------------|------------------|------------------------------|------|
| itgen_cve_cde_fk | itgen.cve.cde_id | <a href="#">itgen.cde.id</a> |      |

**Table Contents**

| Natural Key | Field                   | Value  |
|-------------|-------------------------|--|
| ERROR       | TABLE itgen_code_values | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                    |
|------------------------|------|---------------------------------|
| itgen_context_settings | csg  | Contexts ({res:itgen_contexts}) |

**Table Definition**

**csg - itgen\_context\_settings**

|                                |   |
|--------------------------------|---|
| Code                           | csg   |
| Name                           | itgen_context_settings                      |
| Definition                     | Settings for a user.                        |
| Example                        | The user 'system' uses the english edition. |
| Autocompleted                  | <input type="checkbox"/>                    |
| Create                         | <input checked="" type="checkbox"/>         |
| Create History                 | <input checked="" type="checkbox"/>         |
| Show History                   | <input checked="" type="checkbox"/>         |
| User May Delete                | <input type="checkbox"/>                    |
| User May Insert                | <input type="checkbox"/>                    |
| User May Select                | <input type="checkbox"/>                    |
| User May Update                | <input type="checkbox"/>                    |
| Interface?                     | <input type="checkbox"/>                    |
| Derived                        | <input type="checkbox"/>                    |
| Default Reference Columns      | id  |
| Data Category                  | Transaction                                 |
| Label Plural                   | Contexts ({res:itgen_contexts})             |
| Label Plural when Referenced   | Contexts ({res:itgen_contexts})             |
| Label Singular                 | Context ({res:itgen_context})               |
| Label Singular when Referenced | Context ({res:itgen_context})               |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                    |
|------------------------|------|---------------------------------|
| itgen_context_settings | csg  | Contexts ({res:itgen_contexts}) |

**Table Columns**

| Name             | Data Type     | Opt.                                | Label Singular                                  | Definition   |
|------------------|---------------|-------------------------------------|---|--|
| id               | number(15, 0) | <input type="checkbox"/>            |   | ?  |
| lge_id           | number(15, 0) | <input type="checkbox"/>            | Language ID ({res:itgen_lge_id})                | Reference to language registered in ITGEN_LANGUAGES.         |
| usr_id           | number(15, 0) | <input type="checkbox"/>            | User ID ({res:itgen_usr_id})                    | Reference to a user registered in ITGEN_USERS                |
| date_first_logon |               | <input checked="" type="checkbox"/> | Date First Logon ({res:itgen_date_first_logon}) | Date of first logon of this user.                            |
| date_last_logon  |               | <input checked="" type="checkbox"/> | Date Last Logon ({res:itgen_date_last_logon})   | Date of last logon of this user.                             |
| date_reporting   |               | <input checked="" type="checkbox"/> | Date Reporting ({res:itgen_date_reporting})     | Date for which poin-in-time views should return the results. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                    |
|------------------------|------|---------------------------------|
| itgen_context_settings | csg  | Contexts ({res:itgen_contexts}) |

**Table Column Details**

**itgen.csg.date\_first\_logon - date\_first\_logon**

|                             |   |                  |                          |        |                          |           |                          |                   |                          |
|-----------------------------|---|------------------|--------------------------|--------|--------------------------|-----------|--------------------------|-------------------|--------------------------|
| Name                        | date_first_logon                                  |                  |                          |        |                          |           |                          |                   |                          |
| Definition                  | Date of first logon of this user.                 |                  |                          |        |                          |           |                          |                   |                          |
| Example                     | Two years ago.                                    |                  |                          |        |                          |           |                          |                   |                          |
| Definition for Manual       |   |                  |                          |        |                          |           |                          |                   |                          |
| Documentation               |   |                  |                          |        |                          |           |                          |                   |                          |
| Data Type                   |   |                  |                          |        |                          |           |                          |                   |                          |
| Nullable                    | <input checked="" type="checkbox"/>               |                  |                          |        |                          |           |                          |                   |                          |
| Display                     | <input type="checkbox"/>                          | In Search Filter | <input type="checkbox"/> | In LOV | <input type="checkbox"/> | In Record | <input type="checkbox"/> | In Search Results | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                          |                  |                          |        |                          |           |                          |                   |                          |
| System Column               | <input type="checkbox"/>                          |                  |                          |        |                          |           |                          |                   |                          |
| Create                      | <input checked="" type="checkbox"/>               |                  |                          |        |                          |           |                          |                   |                          |
| Confidential                | <input type="checkbox"/>                          |                  |                          |        |                          |           |                          |                   |                          |
| Derived                     | <input type="checkbox"/>                          |                  |                          |        |                          |           |                          |                   |                          |
| Translatable                | <input type="checkbox"/>                          |                  |                          |        |                          |           |                          |                   |                          |
| Expression Default Value    |   |                  |                          |        |                          |           |                          |                   |                          |
| Label Singular              | Date First Logon ({res:itgen_date_first_logon})   |                  |                          |        |                          |           |                          |                   |                          |
| Label Singular as Reference | {res:itgen_date_first_logon                       |                  |                          |        |                          |           |                          |                   |                          |
| Label Plural                | Date First Logons ({res:itgen_date_first_logons}) |                  |                          |        |                          |           |                          |                   |                          |
| Label Plural as Reference   | Date First Logons ({res:itgen_date_first_logons}) |                  |                          |        |                          |           |                          |                   |                          |
| Display Order               |   |                  |                          |        |                          |           |                          |                   |                          |
| Add Purchase Order          | A001  |                  |                          |        |                          |           |                          |                   |                          |
| Conversion                  | :orig   |                  |                          |        |                          |           |                          |                   |                          |

**itgen.csg.date\_last\_logon - date\_last\_logon**

|                             |   |                  |                          |        |                          |           |                          |                   |                          |
|-----------------------------|---|------------------|--------------------------|--------|--------------------------|-----------|--------------------------|-------------------|--------------------------|
| Name                        | date_last_logon                               |                  |                          |        |                          |           |                          |                   |                          |
| Definition                  | Date of last logon of this user.              |                  |                          |        |                          |           |                          |                   |                          |
| Example                     | Yesterday 12:00.                              |                  |                          |        |                          |           |                          |                   |                          |
| Definition for Manual       |   |                  |                          |        |                          |           |                          |                   |                          |
| Documentation               |   |                  |                          |        |                          |           |                          |                   |                          |
| Data Type                   |   |                  |                          |        |                          |           |                          |                   |                          |
| Nullable                    | <input checked="" type="checkbox"/>           |                  |                          |        |                          |           |                          |                   |                          |
| Display                     | <input type="checkbox"/>                      | In Search Filter | <input type="checkbox"/> | In LOV | <input type="checkbox"/> | In Record | <input type="checkbox"/> | In Search Results | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                  |                          |        |                          |           |                          |                   |                          |
| System Column               | <input type="checkbox"/>                      |                  |                          |        |                          |           |                          |                   |                          |
| Create                      | <input checked="" type="checkbox"/>           |                  |                          |        |                          |           |                          |                   |                          |
| Confidential                | <input type="checkbox"/>                      |                  |                          |        |                          |           |                          |                   |                          |
| Derived                     | <input type="checkbox"/>                      |                  |                          |        |                          |           |                          |                   |                          |
| Translatable                | <input type="checkbox"/>                      |                  |                          |        |                          |           |                          |                   |                          |
| Expression Default Value    |   |                  |                          |        |                          |           |                          |                   |                          |
| Label Singular              | Date Last Logon ({res:itgen_date_last_logon}) |                  |                          |        |                          |           |                          |                   |                          |
| Label Singular as Reference | {res:itgen_date_last_logon                    |                  |                          |        |                          |           |                          |                   |                          |
| Label Plural                | {res:itgen_date_last_logons}                  |                  |                          |        |                          |           |                          |                   |                          |
| Label Plural as Reference   | {res:itgen_date_last_logons}                  |                  |                          |        |                          |           |                          |                   |                          |
| Display Order               |   |                  |                          |        |                          |           |                          |                   |                          |
| Add Purchase Order          | A001  |                  |                          |        |                          |           |                          |                   |                          |
| Conversion                  | :orig   |                  |                          |        |                          |           |                          |                   |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                    |
|------------------------|------|---------------------------------|
| itgen_context_settings | csg  | Contexts ({res:itgen_contexts}) |

**Table Column Details**

**itgen.csg.date\_reporting - date\_reporting**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | date_reporting   |                          |                          |                          |
| Definition                  | Date for which poin-in-time views should return the results. |                          |                          |                          |
| Example                     | January 1, 2009  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   |  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Date Reporting ({res:itgen_date_reporting})                  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_date_reporting                                    |                          |                          |                          |
| Label Plural                | {res:itgen_date_reportings}                                  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_date_reportings}                                  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.csg.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                    |
|------------------------|------|---------------------------------|
| itgen_context_settings | csg  | Contexts ({res:itgen_contexts}) |

**Table Column Details**

**itgen.csg.lge\_id - lge\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | lge_id   |                          |                          |                          |
| Definition                  | Reference to language registered in ITGEN_LANGUAGES. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Language ID ({res:itgen_lge_id})                     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_lge_id}                                   |                          |                          |                          |
| Label Plural                | Language IDs ({res:itgen_lge_ids})                   |                          |                          |                          |
| Label Plural as Reference   | Language IDs ({res:itgen_lge_ids})                   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                   |                          |                          |                          |

**itgen.csg.usr\_id - usr\_id**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | usr_id  |                          |                          |                          |
| Definition                  | Reference to a user registered in ITGEN_USERS |                          |                          |                          |
| Example                     | 21  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)                                 |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                      |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | User ID ({res:itgen_usr_id})                  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_usr_id}                            |                          |                          |                          |
| Label Plural                | User ID's ({res:itgen_usr_ids})               |                          |                          |                          |
| Label Plural as Reference   | User ID's ({res:itgen_usr_ids})               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                            |                          |                          |                          |

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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                    |
|------------------------|------|---------------------------------|
| itgen_context_settings | csg  | Contexts ({res:itgen_contexts}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.csg.itgen\_csg\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_csg_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| usr_id | 1        |               |

**itgen.csg.itgen\_csg\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_csg_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**itgen.csg.itgen\_csg\_lge\_fk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_csg_lge_fk                    |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| lge_id | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_csg_lge_fk | itgen.csg.lge_id | itgen.lge.id      |      |
| itgen_csg_usr_fk | itgen.csg.usr_id | itgen.usr.id      |      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                    |
|------------------------|------|---------------------------------|
| itgen_context_settings | csg  | Contexts ({res:itgen_contexts}) |

**Attribute Rules**

**itgen.csg.atr144 - 10 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr144  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | :last.lge_usable_in_ui_flag = 'Y'   |
| Action Specification     |   |
| User Message             | Choose a language that is usable in a user interface or install the translations for the desired user interface language. ({res:itgen_atr144_user_message}) |
| Documentation            | Only languages defined as usable in a user interface can be chosen by you. ({res:itgen_atr144_documentation})   |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_dataset_mappings | dmg  | Dataset Mappings ({res:itgen_dataset_mappings}) |

**Table Definition**

**dmg - itgen\_dataset\_mappings**

|                                |   |
|--------------------------------|---|
| Code                           | dmg   |
| Name                           | itgen_dataset_mappings                          |
| Definition                     | Mapping from column positions to column names.  |
| Example                        | Column 1 is mapped to cde_code.                 |
| Autocompleted                  | <input type="checkbox"/>                        |
| Create                         | <input checked="" type="checkbox"/>             |
| Create History                 | <input checked="" type="checkbox"/>             |
| Show History                   | <input checked="" type="checkbox"/>             |
| User May Delete                | <input type="checkbox"/>                        |
| User May Insert                | <input type="checkbox"/>                        |
| User May Select                | <input type="checkbox"/>                        |
| User May Update                | <input type="checkbox"/>                        |
| Interface?                     | <input type="checkbox"/>                        |
| Derived                        | <input type="checkbox"/>                        |
| Default Reference Columns      | id,code,column_position,column_name             |
| Data Category                  | Transaction                                     |
| Label Plural                   | Dataset Mappings ({res:itgen_dataset_mappings}) |
| Label Plural when Referenced   | Dataset Mappings ({res:itgen_dataset_mappings}) |
| Label Singular                 | Dataset Mapping ({res:itgen_dataset_mapping})   |
| Label Singular when Referenced | Dataset Mapping ({res:itgen_dataset_mapping})   |
| Number of Rows                 |   |
| Documentation                  |   |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_dataset_mappings | dmg  | Dataset Mappings ({res:itgen_dataset_mappings}) |

#### Table Columns

| Name                | Data Type           | Opt.                                | Label Singular  | Definition  |
|---------------------|---------------------|-------------------------------------|---|---|
| code                | varchar2(30 char)   | <input type="checkbox"/>            | Code ({res:itgen_code})                                   | Unique alphanumeric code.   |
| column_name         | varchar2(30 char)   | <input type="checkbox"/>            | Column Name ({res:itgen_column_name})                     | Name of the target column in the view.                                      |
| column_position     | number(3, 0)        | <input type="checkbox"/>            | Column Position ({res:itgen_column_position})             | Numeric position of the source column in the dataset.                       |
| description         | varchar2(240 char)  | <input type="checkbox"/>            | Description ({res:itgen_description})                     | Description in natural language for display on reports and screens.         |
| dst_id              | number(15, 0)       | <input type="checkbox"/>            | Dataset ID ({res:itgen_dst_id})                           | Reference to a dataset registered in ITGEN_DATASETS.                        |
| id                  | number(15, 0)       | <input type="checkbox"/>            |   | ?   |
| viw_id              | number(15, 0)       | <input type="checkbox"/>            | View ID ({res:itgen_viw_id})                              | Reference to a view registered in ITGEN_VIEWS.                              |
| documentation       | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})                 | Documentation on the dataset mapping.                                       |
| string2datatype_sql | varchar2(250 char)  | <input checked="" type="checkbox"/> | String to Data Type SQL ({res:itgen_string2datatype_sql}) | SQL expression to convert a string in the dataset to the intended datatype. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_dataset_mappings | dmg  | Dataset Mappings ({res:itgen_dataset_mappings}) |

**Table Column Details**

**itgen.dmg.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code}  |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.dmg.column\_name - column\_name**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | column_name                             |                          |                          |                          |
| Definition                  | Name of the target column in the view.  |                          |                          |                          |
| Example                     | 'gdr_code'                              |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Column Name ({res:itgen_column_name})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_column_name}                 |                          |                          |                          |
| Label Plural                | Column Names ({res:itgen_column_names}) |                          |                          |                          |
| Label Plural as Reference   | Column Names ({res:itgen_column_names}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                    |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_dataset_mappings | dmg  | Dataset Mappings ({res:itgen_dataset_mappings}) |

**Table Column Details**

**itgen.dmg.column\_position - column\_position**

|                             |   |                          |                          |           |                   |                          |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|-----------|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | column_position   |                          |                          |           |                   |                          |                          |                          |                          |
| Definition                  | Numeric position of the source column in the dataset.   |                          |                          |           |                   |                          |                          |                          |                          |
| Example                     | 3   |                          |                          |           |                   |                          |                          |                          |                          |
| Definition for Manual       |   |                          |                          |           |                   |                          |                          |                          |                          |
| Documentation               |   |                          |                          |           |                   |                          |                          |                          |                          |
| Data Type                   | number(3, 0)  |                          |                          |           |                   |                          |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| Display                     | <table border="0"> <tr> <td>In Search Filter</td> <td>In LOV</td> <td>In Record</td> <td>In Search Results</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | In Search Filter         | In LOV                   | In Record | In Search Results | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| In Search Filter            | In LOV  | In Record                | In Search Results        |           |                   |                          |                          |                          |                          |
| <input type="checkbox"/>    | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> |           |                   |                          |                          |                          |                          |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |           |                   |                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| Expression Default Value    |   |                          |                          |           |                   |                          |                          |                          |                          |
| Label Singular              | Column Position ({res:itgen_column_position})   |                          |                          |           |                   |                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_column_position  |                          |                          |           |                   |                          |                          |                          |                          |
| Label Plural                | Column Positions ({res:itgen_column_positions})   |                          |                          |           |                   |                          |                          |                          |                          |
| Label Plural as Reference   | Column Positions ({res:itgen_column_positions})   |                          |                          |           |                   |                          |                          |                          |                          |
| Display Order               |   |                          |                          |           |                   |                          |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |           |                   |                          |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |           |                   |                          |                          |                          |                          |

**itgen.dmg.description - description**

|                             |   |                          |                          |           |                   |                          |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|-----------|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | description   |                          |                          |           |                   |                          |                          |                          |                          |
| Definition                  | Description in natural language for display on reports and screens.   |                          |                          |           |                   |                          |                          |                          |                          |
| Example                     | None.   |                          |                          |           |                   |                          |                          |                          |                          |
| Definition for Manual       |   |                          |                          |           |                   |                          |                          |                          |                          |
| Documentation               |   |                          |                          |           |                   |                          |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |           |                   |                          |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| Display                     | <table border="0"> <tr> <td>In Search Filter</td> <td>In LOV</td> <td>In Record</td> <td>In Search Results</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | In Search Filter         | In LOV                   | In Record | In Search Results | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| In Search Filter            | In LOV  | In Record                | In Search Results        |           |                   |                          |                          |                          |                          |
| <input type="checkbox"/>    | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> |           |                   |                          |                          |                          |                          |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |           |                   |                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |           |                   |                          |                          |                          |                          |
| Expression Default Value    |   |                          |                          |           |                   |                          |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})   |                          |                          |           |                   |                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description  |                          |                          |           |                   |                          |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions})   |                          |                          |           |                   |                          |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions})   |                          |                          |           |                   |                          |                          |                          |                          |
| Display Order               |   |                          |                          |           |                   |                          |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |           |                   |                          |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |           |                   |                          |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_dataset_mappings | dmg  | Dataset Mappings ({res:itgen_dataset_mappings}) |

**Table Column Details**

**itgen.dmg.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation   |                          |                          |                          |
| Definition                  | Documentation on the dataset mapping.                 |                          |                          |                          |
| Example                     | 'The Gender dataset is mapped onto XXACME_GENDERS_V.' |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                              |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})           |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})           |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.dmg.dst\_id - dst\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | dst_id   |                          |                          |                          |
| Definition                  | Reference to a dataset registered in ITGEN_DATASETS. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Dataset ID ({res:itgen_dst_id})                      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_dst_id                                    |                          |                          |                          |
| Label Plural                | Dataset IDs ({res:itgen_dst_ids})                    |                          |                          |                          |
| Label Plural as Reference   | Dataset IDs ({res:itgen_dst_ids})                    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                   |                          |                          |                          |



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**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
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| itgen_dataset_mappings | dmg  | Dataset Mappings ({res:itgen_dataset_mappings}) |

**Table Column Details**

**itgen.dmg.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |

**itgen.dmg.string2datatype\_sql - string2datatype\_sql**

|                             |   |   |                                 |                                    |  |
|-----------------------------|---|---|---------------------------------|------------------------------------|--|
| Name                        | string2datatype_sql   |   |                                 |                                    |  |
| Definition                  | SQL expression to convert a string in the dataset to the intended datatype. |   |                                 |                                    |  |
| Example                     | to_number(:value)   |   |                                 |                                    |  |
| Definition for Manual       |   |   |                                 |                                    |  |
| Documentation               |   |   |                                 |                                    |  |
| Data Type                   | varchar2(250 char)  |   |                                 |                                    |  |
| Nullable                    | <input checked="" type="checkbox"/>   |   |                                 |                                    |  |
| Display                     |   | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>  |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>   |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>  |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>  |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>  |   |                                 |                                    |  |
| Expression Default Value    |   |   |                                 |                                    |  |
| Label Singular              | String to Data Type SQL ({res:itgen_string2datatype_sql})                   |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_string2datatype_sql}   |   |                                 |                                    |  |
| Label Plural                | {res:itgen_string2datatype_sqls}  |   |                                 |                                    |  |
| Label Plural as Reference   | {res:itgen_string2datatype_sqls}  |   |                                 |                                    |  |
| Display Order               |   |   |                                 |                                    |  |
| Add Purchase Order          | A001  |   |                                 |                                    |  |
| Conversion                  | :orig   |   |                                 |                                    |  |



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**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_dataset_mappings | dmg  | Dataset Mappings ({res:itgen_dataset_mappings}) |

**Table Column Details**

**itgen.dmg.viw\_id - viw\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | viw_id   |                          |                          |                          |
| Definition                  | Reference to a view registered in ITGEN_VIEWS. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter                               | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | View ID ({res:itgen_viw_id})                   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_viw_id                              |                          |                          |                          |
| Label Plural                | View ID's ({res:itgen_viw_ids})                |                          |                          |                          |
| Label Plural as Reference   | View ID's ({res:itgen_viw_ids})                |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                             |                          |                          |                          |



Settings: system, EUR, Year, Current situation  
 Application: itgen - Invantive Producer  
 Tables: [☒](#)  
 Table Columns: [☒](#)  
 Table Column Details: [☒](#)  
 Attribute Rules: [☒](#)  
 Referential Constraints: [☒](#)  
 Table Contents: [☒](#)  
 Indexes: [☒](#)  
 Database Views: [☒](#)  
 Function: itgen\_datamodel\_pdf\_rpt

**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_dataset_mappings | dmg  | Dataset Mappings ({res:itgen_dataset_mappings}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.dmg.itgen\_dmg\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_dmg_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name            | Position | Documentation |
|-----------------|----------|---------------|
| dst_id          | 1        |               |
| code            | 2        |               |
| column_position | 3        |               |

**itgen.dmg.itgen\_dmg\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_dmg_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced            | Role |
|------------------|------------------|------------------------------|------|
| itgen_dmg_dst_fk | itgen.dmg.dst_id | <a href="#">itgen.dst.id</a> |      |
| itgen_dmg_viw_fk | itgen.dmg.viw_id | <a href="#">itgen.viw.id</a> |      |





Powered by Invantive

Settings: system, EUR, Year, Current situation  
 Application: itgen - Invantive Producer  
 Tables: [x](#)  
 Table Columns: [x](#)  
 Table Column Details: [x](#)  
 Attribute Rules: [x](#)  
 Referential Constraints: [x](#)  
 Table Contents: [x](#)  
 Indexes: [x](#)  
 Database Views: [x](#)  
 Function: itgen\_datamodel\_pdf\_rpt

**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Definition**

drw - itgen\_dataset\_rows

|                                |   |
|--------------------------------|---|
| Code                           | drw                                     |
| Name                           | itgen_dataset_rows                      |
| Definition                     | Row within a dataset.                   |
| Example                        | Code 123 with description ABC.          |
| Autocompleted                  | <input type="checkbox"/>                |
| Create                         | <input checked="" type="checkbox"/>     |
| Create History                 | <input checked="" type="checkbox"/>     |
| Show History                   | <input checked="" type="checkbox"/>     |
| User May Delete                | <input type="checkbox"/>                |
| User May Insert                | <input type="checkbox"/>                |
| User May Select                | <input type="checkbox"/>                |
| User May Update                | <input type="checkbox"/>                |
| Interface?                     | <input type="checkbox"/>                |
| Derived                        | <input type="checkbox"/>                |
| Default Reference Columns      | id,seq,phase                            |
| Data Category                  | Transaction                             |
| Label Plural                   | Dataset Rows ({res:itgen_dataset_rows}) |
| Label Plural when Referenced   | Dataset Rows ({res:itgen_dataset_rows}) |
| Label Singular                 | Dataset Row ({res:itgen_dataset_row})   |
| Label Singular when Referenced | Dataset Row ({res:itgen_dataset_row})   |
| Number of Rows                 |   |
| Documentation                  |   |

Applications

itgen - Invantive Producer

Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

Table Columns

| Name              | Data Type           | Opt.                                | Label Singular                                      | Definition   |
|-------------------|---------------------|-------------------------------------|---|--|
| dst_id            | number(15, 0)       | <input type="checkbox"/>            | Dataset ID ({res:itgen_dst_id})                     | Reference to a dataset registered in ITGEN_DATASETS.   |
| id                | number(15, 0)       | <input type="checkbox"/>            |   | ?  |
| phase             | varchar2(30 char)   | <input type="checkbox"/>            | Phase ({res:itgen_phase})                           | Alphanumeric code to sequentially order the loading actions to ensure referential integrity.   |
| seq               | number(15, 0)       | <input type="checkbox"/>            | Sequence ({res:itgen_seq})                          | Unique numeric code. Generally, the column is introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |
| documentation     | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})           | Documentation on the dataset row.  |
| payload_column1   | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #1 ({res:itgen_payload_column1})     | Numbered column to contain payload of the dataset row.   |
| payload_column10  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #10 ({res:itgen_payload_column10})   | Numbered column to contain payload of the dataset row.   |
| payload_column100 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #100 ({res:itgen_payload_column100}) | Numbered column to contain payload of the dataset row.   |
| payload_column11  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #11 ({res:itgen_payload_column11})   | Numbered column to contain payload of the dataset row.   |
| payload_column12  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #12 ({res:itgen_payload_column12})   | Numbered column to contain payload of the dataset row.   |
| payload_column13  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #13 ({res:itgen_payload_column13})   | Numbered column to contain payload of the dataset row.   |
| payload_column14  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #14 ({res:itgen_payload_column14})   | Numbered column to contain payload of the dataset row.   |
| payload_column15  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #15 ({res:itgen_payload_column15})   | Numbered column to contain payload of the dataset row.   |
| payload_column16  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #16 ({res:itgen_payload_column16})   | Numbered column to contain payload of the dataset row.   |
| payload_column17  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #17 ({res:itgen_payload_column17})   | Numbered column to contain payload of the dataset row.   |
| payload_column18  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #18 ({res:itgen_payload_column18})   | Numbered column to contain payload of the dataset row.   |
| payload_column19  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #19 ({res:itgen_payload_column19})   | Numbered column to contain payload of the dataset row.   |
| payload_column2   | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #2 ({res:itgen_payload_column2})     | Numbered column to contain payload of the dataset row.   |
| payload_column20  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #20 ({res:itgen_payload_column20})   | Numbered column to contain payload of the dataset row.   |
| payload_column21  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #21 ({res:itgen_payload_column21})   | Numbered column to contain payload of the dataset row.   |
| payload_column22  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #22 ({res:itgen_payload_column22})   | Numbered column to contain payload of the dataset row.   |
| payload_column23  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #23 ({res:itgen_payload_column23})   | Numbered column to contain payload of the dataset row.   |
| payload_column24  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #24 ({res:itgen_payload_column24})   | Numbered column to contain payload of the dataset row.   |
| payload_column25  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #25 ({res:itgen_payload_column25})   | Numbered column to contain payload of the dataset row.   |
| payload_column26  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #26 ({res:itgen_payload_column26})   | Numbered column to contain payload of the dataset row.   |
| payload_column27  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #27 ({res:itgen_payload_column27})   | Numbered column to contain payload of the dataset row.   |
| payload_column28  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #28 ({res:itgen_payload_column28})   | Numbered column to contain payload of the dataset row.   |
| payload_column29  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #29 ({res:itgen_payload_column29})   | Numbered column to contain payload of the dataset row.   |
| payload_column3   | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #3 ({res:itgen_payload_column3})     | Numbered column to contain payload of the dataset row.   |

Applications

itgen - Invantive Producer

Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

Table Columns

| Name             | Data Type           | Opt.                                | Label Singular                                    | Definition   |
|------------------|---------------------|-------------------------------------|---|--|
| payload_column30 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #30 ({res:itgen_payload_column30}) | Numbered column to contain payload of the dataset row. |
| payload_column31 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #31 ({res:itgen_payload_column31}) | Numbered column to contain payload of the dataset row. |
| payload_column32 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #32 ({res:itgen_payload_column32}) | Numbered column to contain payload of the dataset row. |
| payload_column33 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #33 ({res:itgen_payload_column33}) | Numbered column to contain payload of the dataset row. |
| payload_column34 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #34 ({res:itgen_payload_column34}) | Numbered column to contain payload of the dataset row. |
| payload_column35 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #35 ({res:itgen_payload_column35}) | Numbered column to contain payload of the dataset row. |
| payload_column36 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #36 ({res:itgen_payload_column36}) | Numbered column to contain payload of the dataset row. |
| payload_column37 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #37 ({res:itgen_payload_column37}) | Numbered column to contain payload of the dataset row. |
| payload_column38 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #38 ({res:itgen_payload_column38}) | Numbered column to contain payload of the dataset row. |
| payload_column39 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #39 ({res:itgen_payload_column39}) | Numbered column to contain payload of the dataset row. |
| payload_column4  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #4 ({res:itgen_payload_column4})   | Numbered column to contain payload of the dataset row. |
| payload_column40 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #40 ({res:itgen_payload_column40}) | Numbered column to contain payload of the dataset row. |
| payload_column41 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #41 ({res:itgen_payload_column41}) | Numbered column to contain payload of the dataset row. |
| payload_column42 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #42 ({res:itgen_payload_column42}) | Numbered column to contain payload of the dataset row. |
| payload_column43 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #43 ({res:itgen_payload_column43}) | Numbered column to contain payload of the dataset row. |
| payload_column44 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #44 ({res:itgen_payload_column44}) | Numbered column to contain payload of the dataset row. |
| payload_column45 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #45 ({res:itgen_payload_column45}) | Numbered column to contain payload of the dataset row. |
| payload_column46 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #46 ({res:itgen_payload_column46}) | Numbered column to contain payload of the dataset row. |
| payload_column47 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #47 ({res:itgen_payload_column47}) | Numbered column to contain payload of the dataset row. |
| payload_column48 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #48 ({res:itgen_payload_column48}) | Numbered column to contain payload of the dataset row. |
| payload_column49 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #49 ({res:itgen_payload_column49}) | Numbered column to contain payload of the dataset row. |
| payload_column5  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #5 ({res:itgen_payload_column5})   | Numbered column to contain payload of the dataset row. |
| payload_column50 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #50 ({res:itgen_payload_column50}) | Numbered column to contain payload of the dataset row. |
| payload_column51 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #51 ({res:itgen_payload_column51}) | Numbered column to contain payload of the dataset row. |
| payload_column52 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #52 ({res:itgen_payload_column52}) | Numbered column to contain payload of the dataset row. |
| payload_column53 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #53 ({res:itgen_payload_column53}) | Numbered column to contain payload of the dataset row. |
| payload_column54 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #54 ({res:itgen_payload_column54}) | Numbered column to contain payload of the dataset row. |
| payload_column55 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #55 ({res:itgen_payload_column55}) | Numbered column to contain payload of the dataset row. |
| payload_column56 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #56 ({res:itgen_payload_column56}) | Numbered column to contain payload of the dataset row. |
| payload_column57 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #57 ({res:itgen_payload_column57}) | Numbered column to contain payload of the dataset row. |

Applications

itgen - Invantive Producer

Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

Table Columns

| Name             | Data Type           | Opt.                                | Label Singular                                     | Definition   |
|------------------|---------------------|-------------------------------------|--|--|
| payload_column58 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #58 ({res: itgen_payload_column58}) | Numbered column to contain payload of the dataset row. |
| payload_column59 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #59 ({res: itgen_payload_column59}) | Numbered column to contain payload of the dataset row. |
| payload_column6  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #6 ({res: itgen_payload_column6})   | Numbered column to contain payload of the dataset row. |
| payload_column60 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #60 ({res: itgen_payload_column60}) | Numbered column to contain payload of the dataset row. |
| payload_column61 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #61 ({res: itgen_payload_column61}) | Numbered column to contain payload of the dataset row. |
| payload_column62 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #62 ({res: itgen_payload_column62}) | Numbered column to contain payload of the dataset row. |
| payload_column63 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #63 ({res: itgen_payload_column63}) | Numbered column to contain payload of the dataset row. |
| payload_column64 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #64 ({res: itgen_payload_column64}) | Numbered column to contain payload of the dataset row. |
| payload_column65 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #65 ({res: itgen_payload_column65}) | Numbered column to contain payload of the dataset row. |
| payload_column66 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #66 ({res: itgen_payload_column66}) | Numbered column to contain payload of the dataset row. |
| payload_column67 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #67 ({res: itgen_payload_column67}) | Numbered column to contain payload of the dataset row. |
| payload_column68 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #68 ({res: itgen_payload_column68}) | Numbered column to contain payload of the dataset row. |
| payload_column69 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #69 ({res: itgen_payload_column69}) | Numbered column to contain payload of the dataset row. |
| payload_column7  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #7 ({res: itgen_payload_column7})   | Numbered column to contain payload of the dataset row. |
| payload_column70 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #70 ({res: itgen_payload_column70}) | Numbered column to contain payload of the dataset row. |
| payload_column71 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #71 ({res: itgen_payload_column71}) | Numbered column to contain payload of the dataset row. |
| payload_column72 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #72 ({res: itgen_payload_column72}) | Numbered column to contain payload of the dataset row. |
| payload_column73 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #73 ({res: itgen_payload_column73}) | Numbered column to contain payload of the dataset row. |
| payload_column74 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #74 ({res: itgen_payload_column74}) | Numbered column to contain payload of the dataset row. |
| payload_column75 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #75 ({res: itgen_payload_column75}) | Numbered column to contain payload of the dataset row. |
| payload_column76 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #76 ({res: itgen_payload_column76}) | Numbered column to contain payload of the dataset row. |
| payload_column77 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #77 ({res: itgen_payload_column77}) | Numbered column to contain payload of the dataset row. |
| payload_column78 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #78 ({res: itgen_payload_column78}) | Numbered column to contain payload of the dataset row. |
| payload_column79 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #79 ({res: itgen_payload_column79}) | Numbered column to contain payload of the dataset row. |
| payload_column8  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #8 ({res: itgen_payload_column8})   | Numbered column to contain payload of the dataset row. |
| payload_column80 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #80 ({res: itgen_payload_column80}) | Numbered column to contain payload of the dataset row. |
| payload_column81 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #81 ({res: itgen_payload_column81}) | Numbered column to contain payload of the dataset row. |
| payload_column82 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #82 ({res: itgen_payload_column82}) | Numbered column to contain payload of the dataset row. |
| payload_column83 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #83 ({res: itgen_payload_column83}) | Numbered column to contain payload of the dataset row. |
| payload_column84 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #84 ({res: itgen_payload_column84}) | Numbered column to contain payload of the dataset row. |



Applications

itgen - Invantive Producer

Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

Table Columns

| Name             | Data Type           | Opt.                                | Label Singular                                    | Definition   |
|------------------|---------------------|-------------------------------------|---|--|
| payload_column85 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #85 ({res:itgen_payload_column85}) | Numbered column to contain payload of the dataset row. |
| payload_column86 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #86 ({res:itgen_payload_column86}) | Numbered column to contain payload of the dataset row. |
| payload_column87 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #87 ({res:itgen_payload_column87}) | Numbered column to contain payload of the dataset row. |
| payload_column88 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #88 ({res:itgen_payload_column88}) | Numbered column to contain payload of the dataset row. |
| payload_column89 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #89 ({res:itgen_payload_column89}) | Numbered column to contain payload of the dataset row. |
| payload_column9  | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #9 ({res:itgen_payload_column9})   | Numbered column to contain payload of the dataset row. |
| payload_column90 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #90 ({res:itgen_payload_column90}) | Numbered column to contain payload of the dataset row. |
| payload_column91 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #91 ({res:itgen_payload_column91}) | Numbered column to contain payload of the dataset row. |
| payload_column92 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #92 ({res:itgen_payload_column92}) | Numbered column to contain payload of the dataset row. |
| payload_column93 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #93 ({res:itgen_payload_column93}) | Numbered column to contain payload of the dataset row. |
| payload_column94 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #94 ({res:itgen_payload_column94}) | Numbered column to contain payload of the dataset row. |
| payload_column95 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #95 ({res:itgen_payload_column95}) | Numbered column to contain payload of the dataset row. |
| payload_column96 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #96 ({res:itgen_payload_column96}) | Numbered column to contain payload of the dataset row. |
| payload_column97 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #97 ({res:itgen_payload_column97}) | Numbered column to contain payload of the dataset row. |
| payload_column98 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #98 ({res:itgen_payload_column98}) | Numbered column to contain payload of the dataset row. |
| payload_column99 | varchar2(4000 char) | <input checked="" type="checkbox"/> | Payload Column #99 ({res:itgen_payload_column99}) | Numbered column to contain payload of the dataset row. |



Settings: system, EUR, Year, Current situation  
 Application: itgen - Invantive Producer  
 Tables:   
 Table Columns:   
 Table Column Details:   
 Attribute Rules:   
 Referential Constraints:   
 Table Contents:   
 Indexes:   
 Database Views:   
 Function: itgen\_datamodel\_pdf\_rpt

**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                               |                          |                          |                          |
| Definition                  | Documentation on the dataset row.           |                          |                          |                          |
| Example                     | The female gender.                          |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                    |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.drw.dst\_id - dst\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | dst_id   |                          |                          |                          |
| Definition                  | Reference to a dataset registered in ITGEN_DATASETS. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Dataset ID ({res:itgen_dst_id})                      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_dst_id                                    |                          |                          |                          |
| Label Plural                | Dataset IDs ({res:itgen_dst_ids})                    |                          |                          |                          |
| Label Plural as Reference   | Dataset IDs ({res:itgen_dst_ids})                    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |

**itgen.drw.payload\_column1 - payload\_column1**

|                             |  |   |                                 |                                    |  |
|-----------------------------|--|---|---------------------------------|------------------------------------|--|
| Name                        | payload_column1  |   |                                 |                                    |  |
| Definition                  | Numbered column to contain payload of the dataset row. |   |                                 |                                    |  |
| Example                     | 'Y'  |   |                                 |                                    |  |
| Definition for Manual       |  |   |                                 |                                    |  |
| Documentation               |  |   |                                 |                                    |  |
| Data Type                   | varchar2(4000 char)                                    |   |                                 |                                    |  |
| Nullable                    | <input checked="" type="checkbox"/>                    |   |                                 |                                    |  |
| Display                     |  | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>                               |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>                    |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>                               |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>                               |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>                               |   |                                 |                                    |  |
| Expression Default Value    |  |   |                                 |                                    |  |
| Label Singular              | Payload Column #1 ({res:itgen_payload_column1})        |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_payload_column1                             |   |                                 |                                    |  |
| Label Plural                | Payload Columns #1 ({res:itgen_payload_column1s})      |   |                                 |                                    |  |
| Label Plural as Reference   | Payload Columns #1 ({res:itgen_payload_column1s})      |   |                                 |                                    |  |
| Display Order               |  |   |                                 |                                    |  |
| Add Purchase Order          | A001   |   |                                 |                                    |  |
| Conversion                  | :orig  |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column10 - payload\_column10**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column10                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #10 ({res:itgen_payload_column10})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column10                            |                          |                          |                          |
| Label Plural                | Payload Columns #10 ({res:itgen_payload_column10s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #10 ({res:itgen_payload_column10s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column100 - payload\_column100**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column100                                      |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #100 ({res:itgen_payload_column100})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column100                           |                          |                          |                          |
| Label Plural                | Payload Columns #100 ({res:itgen_payload_column100s})  |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #100 ({res:itgen_payload_column100s})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column11 - payload\_column11**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column11                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #11 ({res:itgen_payload_column11})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column11                            |                          |                          |                          |
| Label Plural                | Payload Columns #11 ({res:itgen_payload_column11s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #11 ({res:itgen_payload_column11s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column12 - payload\_column12**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column12                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #12 ({res:itgen_payload_column12})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column12                            |                          |                          |                          |
| Label Plural                | Payload Columns #12 ({res:itgen_payload_column12s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #12 ({res:itgen_payload_column12s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column13 - payload\_column13**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column13                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #13 ({res:itgen_payload_column13})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column13                            |                          |                          |                          |
| Label Plural                | Payload Columns #13 ({res:itgen_payload_column13s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #13 ({res:itgen_payload_column13s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column14 - payload\_column14**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column14                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #14 ({res:itgen_payload_column14})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column14                            |                          |                          |                          |
| Label Plural                | Payload Columns #14 ({res:itgen_payload_column14s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #14 ({res:itgen_payload_column14s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column15 - payload\_column15**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column15                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #15 ({res:itgen_payload_column15})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column15                            |                          |                          |                          |
| Label Plural                | Payload Columns #15 ({res:itgen_payload_column15s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #15 ({res:itgen_payload_column15s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column16 - payload\_column16**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column16                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #16 ({res:itgen_payload_column16})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column16                            |                          |                          |                          |
| Label Plural                | Payload Columns #16 ({res:itgen_payload_column16s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #16 ({res:itgen_payload_column16s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column17 - payload\_column17**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column17                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #17 ({res:itgen_payload_column17})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column17                            |                          |                          |                          |
| Label Plural                | Payload Columns #17 ({res:itgen_payload_column17s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #17 ({res:itgen_payload_column17s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column18 - payload\_column18**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column18                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #18 ({res:itgen_payload_column18})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column18                            |                          |                          |                          |
| Label Plural                | Payload Columns #18 ({res:itgen_payload_column18s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #18 ({res:itgen_payload_column18s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column19 - payload\_column19**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column19                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #19 ({res:itgen_payload_column19})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column19                            |                          |                          |                          |
| Label Plural                | Payload Columns #19 ({res:itgen_payload_column19s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #19 ({res:itgen_payload_column19s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column2 - payload\_column2**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column2  |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #2 ({res:itgen_payload_column2})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column2                             |                          |                          |                          |
| Label Plural                | Payload Columns #2 ({res:itgen_payload_column2s})      |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #2 ({res:itgen_payload_column2s})      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

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| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column20 - payload\_column20**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column20                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #20 ({res:itgen_payload_column20})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column20                            |                          |                          |                          |
| Label Plural                | Payload Columns #20 ({res:itgen_payload_column20s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #20 ({res:itgen_payload_column20s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column21 - payload\_column21**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column21                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #21 ({res:itgen_payload_column21})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column21                            |                          |                          |                          |
| Label Plural                | Payload Columns #21 ({res:itgen_payload_column21s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #21 ({res:itgen_payload_column21s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column22 - payload\_column22**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column22                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #22 ({res:itgen_payload_column22})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column22}                           |                          |                          |                          |
| Label Plural                | Payload Columns #22 ({res:itgen_payload_column22s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #22 ({res:itgen_payload_column22s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column23 - payload\_column23**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column23                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #23 ({res:itgen_payload_column23})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column23}                           |                          |                          |                          |
| Label Plural                | Payload Columns #23 ({res:itgen_payload_column23s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #23 ({res:itgen_payload_column23s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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Applications

itgen - Invantive Producer

Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

Table Column Details

itgen.drw.payload\_column24 - payload\_column24

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column24                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #24 ({res:itgen_payload_column24})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column24                            |                          |                          |                          |
| Label Plural                | Payload Columns #24 ({res:itgen_payload_column24s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #24 ({res:itgen_payload_column24s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

itgen.drw.payload\_column25 - payload\_column25

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column25                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #25 ({res:itgen_payload_column25})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column25                            |                          |                          |                          |
| Label Plural                | Payload Columns #25 ({res:itgen_payload_column25s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #25 ({res:itgen_payload_column25s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column26 - payload\_column26**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column26                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #26 ({res:itgen_payload_column26})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column26}                           |                          |                          |                          |
| Label Plural                | Payload Columns #26 ({res:itgen_payload_column26s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #26 ({res:itgen_payload_column26s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column27 - payload\_column27**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column27                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #27 ({res:itgen_payload_column27})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column27}                           |                          |                          |                          |
| Label Plural                | Payload Columns #27 ({res:itgen_payload_column27s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #27 ({res:itgen_payload_column27s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column28 - payload\_column28**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column28                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #28 ({res:itgen_payload_column28})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column28}                           |                          |                          |                          |
| Label Plural                | Payload Columns #28 ({res:itgen_payload_column28s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #28 ({res:itgen_payload_column28s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column29 - payload\_column29**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column29                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #29 ({res:itgen_payload_column29})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column29}                           |                          |                          |                          |
| Label Plural                | Payload Columns #29 ({res:itgen_payload_column29s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #29 ({res:itgen_payload_column29s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column3 - payload\_column3**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column3  |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #3 ({res:itgen_payload_column3})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column3                             |                          |                          |                          |
| Label Plural                | Payload Columns #3 ({res:itgen_payload_column3s})      |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #3 ({res:itgen_payload_column3s})      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column30 - payload\_column30**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column30                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #30 ({res:itgen_payload_column30})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column30                            |                          |                          |                          |
| Label Plural                | Payload Columns #30 ({res:itgen_payload_column30s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #30 ({res:itgen_payload_column30s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

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**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column31 - payload\_column31**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column31                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #31 ({res:itgen_payload_column31})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column31                            |                          |                          |                          |
| Label Plural                | Payload Columns #31 ({res:itgen_payload_column31s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #31 ({res:itgen_payload_column31s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column32 - payload\_column32**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column32                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #32 ({res:itgen_payload_column32})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column32                            |                          |                          |                          |
| Label Plural                | Payload Columns #32 ({res:itgen_payload_column32s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #32 ({res:itgen_payload_column32s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column33 - payload\_column33**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column33                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #33 ({res:itgen_payload_column33})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column33}                           |                          |                          |                          |
| Label Plural                | Payload Columns #33 ({res:itgen_payload_column33s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #33 ({res:itgen_payload_column33s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column34 - payload\_column34**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column34                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #34 ({res:itgen_payload_column34})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column34}                           |                          |                          |                          |
| Label Plural                | Payload Columns #34 ({res:itgen_payload_column34s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #34 ({res:itgen_payload_column34s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column35 - payload\_column35**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column35                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #35 ({res:itgen_payload_column35})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column35                            |                          |                          |                          |
| Label Plural                | Payload Columns #35 ({res:itgen_payload_column35s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #35 ({res:itgen_payload_column35s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column36 - payload\_column36**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column36                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #36 ({res:itgen_payload_column36})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column36                            |                          |                          |                          |
| Label Plural                | Payload Columns #36 ({res:itgen_payload_column36s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #36 ({res:itgen_payload_column36s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column37 - payload\_column37**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column37                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #37 ({res:itgen_payload_column37})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column37                            |                          |                          |                          |
| Label Plural                | Payload Columns #37 ({res:itgen_payload_column37s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #37 ({res:itgen_payload_column37s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column38 - payload\_column38**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column38                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #38 ({res:itgen_payload_column38})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column38                            |                          |                          |                          |
| Label Plural                | Payload Columns #38 ({res:itgen_payload_column38s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #38 ({res:itgen_payload_column38s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column39 - payload\_column39**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column39                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #39 ({res:itgen_payload_column39})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column39                            |                          |                          |                          |
| Label Plural                | Payload Columns #39 ({res:itgen_payload_column39s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #39 ({res:itgen_payload_column39s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column4 - payload\_column4**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column4  |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #4 ({res:itgen_payload_column4})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column4                             |                          |                          |                          |
| Label Plural                | Payload Columns #4 ({res:itgen_payload_column4s})      |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #4 ({res:itgen_payload_column4s})      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column40 - payload\_column40**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column40                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #40 ({res:itgen_payload_column40})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column40                            |                          |                          |                          |
| Label Plural                | Payload Columns #40 ({res:itgen_payload_column40s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #40 ({res:itgen_payload_column40s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column41 - payload\_column41**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column41                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #41 ({res:itgen_payload_column41})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column41                            |                          |                          |                          |
| Label Plural                | Payload Columns #41 ({res:itgen_payload_column41s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #41 ({res:itgen_payload_column41s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column42 - payload\_column42**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column42                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #42 ({res:itgen_payload_column42})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column42                            |                          |                          |                          |
| Label Plural                | Payload Columns #42 ({res:itgen_payload_column42s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #42 ({res:itgen_payload_column42s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column43 - payload\_column43**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column43                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #43 ({res:itgen_payload_column43})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column43                            |                          |                          |                          |
| Label Plural                | Payload Columns #43 ({res:itgen_payload_column43s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #43 ({res:itgen_payload_column43s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column44 - payload\_column44**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column44                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #44 ({res:itgen_payload_column44})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column44                            |                          |                          |                          |
| Label Plural                | Payload Columns #44 ({res:itgen_payload_column44s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #44 ({res:itgen_payload_column44s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column45 - payload\_column45**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column45                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #45 ({res:itgen_payload_column45})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column45                            |                          |                          |                          |
| Label Plural                | Payload Columns #45 ({res:itgen_payload_column45s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #45 ({res:itgen_payload_column45s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column46 - payload\_column46**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column46                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #46 ({res:itgen_payload_column46})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column46                            |                          |                          |                          |
| Label Plural                | Payload Columns #46 ({res:itgen_payload_column46s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #46 ({res:itgen_payload_column46s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column47 - payload\_column47**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column47                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #47 ({res:itgen_payload_column47})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column47                            |                          |                          |                          |
| Label Plural                | Payload Columns #47 ({res:itgen_payload_column47s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #47 ({res:itgen_payload_column47s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column48 - payload\_column48**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column48                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #48 ({res:itgen_payload_column48})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column48                            |                          |                          |                          |
| Label Plural                | Payload Columns #48 ({res:itgen_payload_column48s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #48 ({res:itgen_payload_column48s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column49 - payload\_column49**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column49                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #49 ({res:itgen_payload_column49})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column49                            |                          |                          |                          |
| Label Plural                | Payload Columns #49 ({res:itgen_payload_column49s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #49 ({res:itgen_payload_column49s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column5 - payload\_column5**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column5  |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #5 ({res:itgen_payload_column5})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column5                             |                          |                          |                          |
| Label Plural                | Payload Columns #5 ({res:itgen_payload_column5s})      |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #5 ({res:itgen_payload_column5s})      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column50 - payload\_column50**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column50                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #50 ({res:itgen_payload_column50})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column50                            |                          |                          |                          |
| Label Plural                | Payload Columns #50 ({res:itgen_payload_column50s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #50 ({res:itgen_payload_column50s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column51 - payload\_column51**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column51                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #51 ({res:itgen_payload_column51})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column51                            |                          |                          |                          |
| Label Plural                | Payload Columns #51 ({res:itgen_payload_column51s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #51 ({res:itgen_payload_column51s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column52 - payload\_column52**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column52                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #52 ({res:itgen_payload_column52})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column52                            |                          |                          |                          |
| Label Plural                | Payload Columns #52 ({res:itgen_payload_column52s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #52 ({res:itgen_payload_column52s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**itgen - Invantive Producer**

**Tables**

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|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column53 - payload\_column53**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column53                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #53 ({res:itgen_payload_column53})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column53                            |                          |                          |                          |
| Label Plural                | Payload Columns #53 ({res:itgen_payload_column53s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #53 ({res:itgen_payload_column53s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column54 - payload\_column54**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column54                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #54 ({res:itgen_payload_column54})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column54                            |                          |                          |                          |
| Label Plural                | Payload Columns #54 ({res:itgen_payload_column54s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #54 ({res:itgen_payload_column54s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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Applications

itgen - Invantive Producer

Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

Table Column Details

itgen.drw.payload\_column55 - payload\_column55

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column55                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #55 ({res:itgen_payload_column55})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column55                            |                          |                          |                          |
| Label Plural                | Payload Columns #55 ({res:itgen_payload_column55s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #55 ({res:itgen_payload_column55s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

itgen.drw.payload\_column56 - payload\_column56

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column56                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #56 ({res:itgen_payload_column56})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column56                            |                          |                          |                          |
| Label Plural                | Payload Columns #56 ({res:itgen_payload_column56s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #56 ({res:itgen_payload_column56s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column57 - payload\_column57**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column57                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #57 ({res:itgen_payload_column57})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column57                            |                          |                          |                          |
| Label Plural                | Payload Columns #57 ({res:itgen_payload_column57s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #57 ({res:itgen_payload_column57s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column58 - payload\_column58**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column58                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #58 ({res:itgen_payload_column58})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column58                            |                          |                          |                          |
| Label Plural                | Payload Columns #58 ({res:itgen_payload_column58s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #58 ({res:itgen_payload_column58s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column59 - payload\_column59**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column59                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #59 ({res:itgen_payload_column59})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column59                            |                          |                          |                          |
| Label Plural                | Payload Columns #59 ({res:itgen_payload_column59s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #59 ({res:itgen_payload_column59s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column6 - payload\_column6**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column6  |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #6 ({res:itgen_payload_column6})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column6                             |                          |                          |                          |
| Label Plural                | Payload Columns #6 ({res:itgen_payload_column6s})      |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #6 ({res:itgen_payload_column6s})      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column60 - payload\_column60**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column60                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #60 ({res:itgen_payload_column60})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column60                            |                          |                          |                          |
| Label Plural                | Payload Columns #60 ({res:itgen_payload_column60s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #60 ({res:itgen_payload_column60s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column61 - payload\_column61**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column61                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #61 ({res:itgen_payload_column61})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column61                            |                          |                          |                          |
| Label Plural                | Payload Columns #61 ({res:itgen_payload_column61s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #61 ({res:itgen_payload_column61s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column62 - payload\_column62**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column62                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #62 ({res:itgen_payload_column62})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column62                            |                          |                          |                          |
| Label Plural                | Payload Columns #62 ({res:itgen_payload_column62s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #62 ({res:itgen_payload_column62s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column63 - payload\_column63**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column63                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #63 ({res:itgen_payload_column63})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column63                            |                          |                          |                          |
| Label Plural                | Payload Columns #63 ({res:itgen_payload_column63s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #63 ({res:itgen_payload_column63s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column64 - payload\_column64**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column64                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #64 ({res:itgen_payload_column64})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column64                            |                          |                          |                          |
| Label Plural                | Payload Columns #64 ({res:itgen_payload_column64s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #64 ({res:itgen_payload_column64s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column65 - payload\_column65**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column65                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #65 ({res:itgen_payload_column65})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column65                            |                          |                          |                          |
| Label Plural                | Payload Columns #65 ({res:itgen_payload_column65s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #65 ({res:itgen_payload_column65s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column66 - payload\_column66**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column66                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #66 ({res:itgen_payload_column66})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column66                            |                          |                          |                          |
| Label Plural                | Payload Columns #66 ({res:itgen_payload_column66s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #66 ({res:itgen_payload_column66s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column67 - payload\_column67**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column67                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #67 ({res:itgen_payload_column67})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column67                            |                          |                          |                          |
| Label Plural                | Payload Columns #67 ({res:itgen_payload_column67s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #67 ({res:itgen_payload_column67s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column68 - payload\_column68**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column68                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #68 ({res:itgen_payload_column68})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column68}                           |                          |                          |                          |
| Label Plural                | Payload Columns #68 ({res:itgen_payload_column68s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #68 ({res:itgen_payload_column68s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column69 - payload\_column69**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column69                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #69 ({res:itgen_payload_column69})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column69}                           |                          |                          |                          |
| Label Plural                | Payload Columns #69 ({res:itgen_payload_column69s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #69 ({res:itgen_payload_column69s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column7 - payload\_column7**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column7  |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #7 ({res:itgen_payload_column7})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column7                             |                          |                          |                          |
| Label Plural                | Payload Columns #7 ({res:itgen_payload_column7s})      |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #7 ({res:itgen_payload_column7s})      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column70 - payload\_column70**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column70                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #70 ({res:itgen_payload_column70})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column70                            |                          |                          |                          |
| Label Plural                | Payload Columns #70 ({res:itgen_payload_column70s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #70 ({res:itgen_payload_column70s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column71 - payload\_column71**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column71                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #71 ({res:itgen_payload_column71})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column71                            |                          |                          |                          |
| Label Plural                | Payload Columns #71 ({res:itgen_payload_column71s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #71 ({res:itgen_payload_column71s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column72 - payload\_column72**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column72                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #72 ({res:itgen_payload_column72})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column72                            |                          |                          |                          |
| Label Plural                | Payload Columns #72 ({res:itgen_payload_column72s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #72 ({res:itgen_payload_column72s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column73 - payload\_column73**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column73                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #73 ({res:itgen_payload_column73})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column73                            |                          |                          |                          |
| Label Plural                | Payload Columns #73 ({res:itgen_payload_column73s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #73 ({res:itgen_payload_column73s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column74 - payload\_column74**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column74                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #74 ({res:itgen_payload_column74})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column74                            |                          |                          |                          |
| Label Plural                | Payload Columns #74 ({res:itgen_payload_column74s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #74 ({res:itgen_payload_column74s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column75 - payload\_column75**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column75                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #75 ({res:itgen_payload_column75})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column75                            |                          |                          |                          |
| Label Plural                | Payload Columns #75 ({res:itgen_payload_column75s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #75 ({res:itgen_payload_column75s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column76 - payload\_column76**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column76                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #76 ({res:itgen_payload_column76})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column76                            |                          |                          |                          |
| Label Plural                | Payload Columns #76 ({res:itgen_payload_column76s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #76 ({res:itgen_payload_column76s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

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**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column77 - payload\_column77**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column77                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #77 ({res:itgen_payload_column77})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column77                            |                          |                          |                          |
| Label Plural                | Payload Columns #77 ({res:itgen_payload_column77s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #77 ({res:itgen_payload_column77s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column78 - payload\_column78**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column78                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #78 ({res:itgen_payload_column78})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column78                            |                          |                          |                          |
| Label Plural                | Payload Columns #78 ({res:itgen_payload_column78s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #78 ({res:itgen_payload_column78s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column79 - payload\_column79**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column79                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #79 ({res:itgen_payload_column79})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column79                            |                          |                          |                          |
| Label Plural                | Payload Columns #79 ({res:itgen_payload_column79s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #79 ({res:itgen_payload_column79s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column8 - payload\_column8**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column8  |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #8 ({res:itgen_payload_column8})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column8                             |                          |                          |                          |
| Label Plural                | Payload Columns #8 ({res:itgen_payload_column8s})      |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #8 ({res:itgen_payload_column8s})      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column80 - payload\_column80**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column80                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #80 ({res:itgen_payload_column80})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column80                            |                          |                          |                          |
| Label Plural                | Payload Columns #80 ({res:itgen_payload_column80s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #80 ({res:itgen_payload_column80s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column81 - payload\_column81**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column81                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #81 ({res:itgen_payload_column81})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column81                            |                          |                          |                          |
| Label Plural                | Payload Columns #81 ({res:itgen_payload_column81s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #81 ({res:itgen_payload_column81s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column82 - payload\_column82**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column82                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #82 ({res:itgen_payload_column82})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column82                            |                          |                          |                          |
| Label Plural                | Payload Columns #82 ({res:itgen_payload_column82s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #82 ({res:itgen_payload_column82s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column83 - payload\_column83**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column83                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #83 ({res:itgen_payload_column83})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column83                            |                          |                          |                          |
| Label Plural                | Payload Columns #83 ({res:itgen_payload_column83s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #83 ({res:itgen_payload_column83s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column84 - payload\_column84**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column84                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #84 ({res:itgen_payload_column84})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column84                            |                          |                          |                          |
| Label Plural                | Payload Columns #84 ({res:itgen_payload_column84s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #84 ({res:itgen_payload_column84s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column85 - payload\_column85**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column85                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #85 ({res:itgen_payload_column85})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column85                            |                          |                          |                          |
| Label Plural                | Payload Columns #85 ({res:itgen_payload_column85s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #85 ({res:itgen_payload_column85s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column86 - payload\_column86**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column86                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #86 ({res:itgen_payload_column86})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column86                            |                          |                          |                          |
| Label Plural                | Payload Columns #86 ({res:itgen_payload_column86s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #86 ({res:itgen_payload_column86s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column87 - payload\_column87**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column87                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #87 ({res:itgen_payload_column87})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column87                            |                          |                          |                          |
| Label Plural                | Payload Columns #87 ({res:itgen_payload_column87s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #87 ({res:itgen_payload_column87s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column88 - payload\_column88**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column88                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #88 ({res:itgen_payload_column88})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column88                            |                          |                          |                          |
| Label Plural                | Payload Columns #88 ({res:itgen_payload_column88s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #88 ({res:itgen_payload_column88s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column89 - payload\_column89**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column89                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #89 ({res:itgen_payload_column89})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column89                            |                          |                          |                          |
| Label Plural                | Payload Columns #89 ({res:itgen_payload_column89s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #89 ({res:itgen_payload_column89s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column9 - payload\_column9**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column9  |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #9 ({res:itgen_payload_column9})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column9                             |                          |                          |                          |
| Label Plural                | Payload Columns #9 ({res:itgen_payload_column9s})      |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #9 ({res:itgen_payload_column9s})      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column90 - payload\_column90**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column90                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #90 ({res:itgen_payload_column90})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column90                            |                          |                          |                          |
| Label Plural                | Payload Columns #90 ({res:itgen_payload_column90s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #90 ({res:itgen_payload_column90s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column91 - payload\_column91**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column91                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #91 ({res:itgen_payload_column91})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column91                            |                          |                          |                          |
| Label Plural                | Payload Columns #91 ({res:itgen_payload_column91s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #91 ({res:itgen_payload_column91s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column92 - payload\_column92**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column92                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #92 ({res:itgen_payload_column92})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column92                            |                          |                          |                          |
| Label Plural                | Payload Columns #92 ({res:itgen_payload_column92s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #92 ({res:itgen_payload_column92s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column93 - payload\_column93**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column93                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #93 ({res:itgen_payload_column93})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column93}                           |                          |                          |                          |
| Label Plural                | Payload Columns #93 ({res:itgen_payload_column93s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #93 ({res:itgen_payload_column93s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column94 - payload\_column94**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column94                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #94 ({res:itgen_payload_column94})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column94}                           |                          |                          |                          |
| Label Plural                | Payload Columns #94 ({res:itgen_payload_column94s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #94 ({res:itgen_payload_column94s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column95 - payload\_column95**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column95                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #95 ({res:itgen_payload_column95})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column95                            |                          |                          |                          |
| Label Plural                | Payload Columns #95 ({res:itgen_payload_column95s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #95 ({res:itgen_payload_column95s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column96 - payload\_column96**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column96                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #96 ({res:itgen_payload_column96})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column96                            |                          |                          |                          |
| Label Plural                | Payload Columns #96 ({res:itgen_payload_column96s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #96 ({res:itgen_payload_column96s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column97 - payload\_column97**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column97                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #97 ({res:itgen_payload_column97})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column97                            |                          |                          |                          |
| Label Plural                | Payload Columns #97 ({res:itgen_payload_column97s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #97 ({res:itgen_payload_column97s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.payload\_column98 - payload\_column98**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column98                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #98 ({res:itgen_payload_column98})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column98                            |                          |                          |                          |
| Label Plural                | Payload Columns #98 ({res:itgen_payload_column98s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #98 ({res:itgen_payload_column98s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.payload\_column99 - payload\_column99**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | payload_column99                                       |                          |                          |                          |
| Definition                  | Numbered column to contain payload of the dataset row. |                          |                          |                          |
| Example                     | 'Y'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Payload Column #99 ({res:itgen_payload_column99})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_payload_column99}                           |                          |                          |                          |
| Label Plural                | Payload Columns #99 ({res:itgen_payload_column99s})    |                          |                          |                          |
| Label Plural as Reference   | Payload Columns #99 ({res:itgen_payload_column99s})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.drw.phase - phase**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | phase  |                          |                          |                          |
| Definition                  | Alphanumeric code to sequentially order the loading actions to ensure referential integrity. |                          |                          |                          |
| Example                     | 'Demo-A'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Phase ({res:itgen_phase})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_phase}  |                          |                          |                          |
| Label Plural                | Phases ({res:itgen_phases})  |                          |                          |                          |
| Label Plural as Reference   | Phases ({res:itgen_phases})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Table Column Details**

**itgen.drw.seq - seq**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | seq  |                          |                          |                          |
| Definition                  | Unique numeric code. Generally, the column is introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |                          |                          |                          |
| Example                     | 1  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Sequence ({res:itgen_seq})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_seq   |                          |                          |                          |
| Label Plural                | Sequences ({res:itgen_seqs})   |                          |                          |                          |
| Label Plural as Reference   | Sequences ({res:itgen_seqs})   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_dataset_rows | drw  | Dataset Rows ({res:itgen_dataset_rows}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.drw.itgen\_drw\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_drw_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| seq  | 1        |               |

**itgen.drw.itgen\_drw\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_drw_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_drw_dst_fk | itgen.drw.dst_id | itgen.dst.id      |      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_datasets | dst  | Datasets ({res:itgen_datasets}) |

**Table Definition**

dst - itgen\_datasets

|                                |                                     |
|--------------------------------|-------------------------------------|
| Code                           | dst                                 |
| Name                           | itgen_datasets                      |
| Definition                     | Datasets.                           |
| Example                        | Demo, test case 123, seed.          |
| Autocompleted                  | <input type="checkbox"/>            |
| Create                         | <input checked="" type="checkbox"/> |
| Create History                 | <input checked="" type="checkbox"/> |
| Show History                   | <input checked="" type="checkbox"/> |
| User May Delete                | <input type="checkbox"/>            |
| User May Insert                | <input type="checkbox"/>            |
| User May Select                | <input type="checkbox"/>            |
| User May Update                | <input type="checkbox"/>            |
| Interface?                     | <input type="checkbox"/>            |
| Derived                        | <input type="checkbox"/>            |
| Default Reference Columns      | id,code                             |
| Data Category                  | Transaction                         |
| Label Plural                   | Datasets ({res:itgen_datasets})     |
| Label Plural when Referenced   | Datasets ({res:itgen_datasets})     |
| Label Singular                 | Dataset ({res:itgen_dataset})       |
| Label Singular when Referenced | Dataset ({res:itgen_dataset})       |
| Number of Rows                 |                                     |
| Documentation                  |                                     |



## Applications

### itgen - Invantive Producer

#### Tables

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_datasets | dst  | Datasets ({res:itgen_datasets}) |

#### Table Columns

| Name                                      | Data Type           | Opt.                                | Label Singular   | Definition   |
|---|---------------------|-------------------------------------|--|--|
| <a href="#">apn_id</a>                    | number(15, 0)       | <input type="checkbox"/>            | Application ID ({res:itgen_apn_id})                                  | Reference to a application registered in ITGEN_APPLICATIONS.         |
| <a href="#">autocompleted_flag</a>        | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag})                       | Indicator whether this row was added by autocomplete.                |
| <a href="#">code</a>                      | varchar2(30 char)   | <input type="checkbox"/>            | Code ({res:itgen_code})  | Unique alphanumeric code.  |
| <a href="#">description</a>               | varchar2(240 char)  | <input type="checkbox"/>            | Description ({res:itgen_description})                                | Description in natural language for display on reports and screens.  |
| <a href="#">id</a>                        | number(15, 0)       | <input type="checkbox"/>            |  | ?  |
| <a href="#">default_string2date_sql</a>   | varchar2(250 char)  | <input checked="" type="checkbox"/> | Default String to Date SQL ({res:itgen_default_string2date_sql})     | SQL expression to convert a string in the dataset to date datatype   |
| <a href="#">default_string2number_sql</a> | varchar2(250 char)  | <input checked="" type="checkbox"/> | Default String to Number SQL ({res:itgen_default_string2number_sql}) | SQL expression to convert a string in the dataset to number datatype |
| <a href="#">documentation</a>             | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})                            | Documentation on the dataset.  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_datasets | dst  | Datasets ({res:itgen_datasets}) |

**Table Column Details**

**itgen.dst.apn\_id - apn\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | apn_id   |                          |                          |                          |
| Definition                  | Reference to a application registered in ITGEN_APPLICATIONS. |                          |                          |                          |
| Example                     | 3  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                     |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Application ID ({res:itgen_apn_id})                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_apn_id  |                          |                          |                          |
| Label Plural                | Index IDs ({res:itgen_apn_ids})                              |                          |                          |                          |
| Label Plural as Reference   | Index IDs ({res:itgen_apn_ids})                              |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |

**itgen.dst.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag                         |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_datasets | dst  | Datasets ({res:itgen_datasets}) |

**Table Column Details**

**itgen.dst.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code}  |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.dst.default\_string2date\_sql - default\_string2date\_sql**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | default_string2date_sql  |                          |                          |                          |
| Definition                  | SQL expression to convert a string in the dataset to date datatype |                          |                          |                          |
| Example                     | to_date(:value, 'YYYYMMDD')  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(250 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Default String to Date SQL ({res:itgen_default_string2date_sql})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_default_string2date_sql}                                |                          |                          |                          |
| Label Plural                | {res:itgen_default_string2date_sqls}                               |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_default_string2date_sqls}                               |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_datasets | dst  | Datasets ({res:itgen_datasets}) |

**Table Column Details**

**itgen.dst.default\_string2number\_sql - default\_string2number\_sql**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | default_string2number_sql  |                          |                          |                          |
| Definition                  | SQL expression to convert a string in the dataset to number datatype |                          |                          |                          |
| Example                     | to_number(:value)  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(250 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                                  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Default String to Number SQL ({res:itgen_default_string2number_sql}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_default_string2number_sql                                 |                          |                          |                          |
| Label Plural                | {res:itgen_default_string2number_sqls}                               |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_default_string2number_sqls}                               |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.dst.description - description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | description   |                          |                          |                          |
| Definition                  | Description in natural language for display on reports and screens. |                          |                          |                          |
| Example                     | None.   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description  |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_datasets | dst  | Datasets ({res:itgen_datasets}) |

**Table Column Details**

**itgen.dst.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                               |                          |                          |                          |
| Definition                  | Documentation on the dataset.               |                          |                          |                          |
| Example                     | 'Genders'                                   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                    |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.dst.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_datasets | dst  | Datasets ({res:itgen_datasets}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.dst.itgen\_dst\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_dst_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| apn_id | 1        |               |
| code   | 2        |               |

**itgen.dst.itgen\_dst\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_dst_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_dst_apn_fk | itgen.dst.apn_id | itgen.apn.id      |      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

**Table Definition**

**dal - itgen\_dual**

|                                |   |
|--------------------------------|---|
| Code                           | dal   |
| Name                           | itgen_dual  |
| Definition                     | Technical table to allow fetching a SQL expression. |
| Example                        | The outcome of '1+2' is '3' as SQL expression.      |
| Autocompleted                  | <input type="checkbox"/>                            |
| Create                         | <input checked="" type="checkbox"/>                 |
| Create History                 | <input checked="" type="checkbox"/>                 |
| Show History                   | <input checked="" type="checkbox"/>                 |
| User May Delete                | <input type="checkbox"/>                            |
| User May Insert                | <input type="checkbox"/>                            |
| User May Select                | <input type="checkbox"/>                            |
| User May Update                | <input type="checkbox"/>                            |
| Interface?                     | <input type="checkbox"/>                            |
| Derived                        | <input type="checkbox"/>                            |
| Default Reference Columns      | id,dummy  |
| Data Category                  | Other   |
| Label Plural                   | Duals ({res:itgen_duals})                           |
| Label Plural when Referenced   | Duals ({res:itgen_duals})                           |
| Label Singular                 | Dual ({res:itgen_dual})                             |
| Label Singular when Referenced | Dual ({res:itgen_dual})                             |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

**Table Columns**

| Name  | Data Type        | Opt.                     | Label Singular            | Definition                               |
|-------|------------------|--------------------------|---------------------------|--|
| dummy | varchar2(1 char) | <input type="checkbox"/> | Dummy ({res:itgen_dummy}) | A dummy column, stores no relevant data. |
| id    | number(15, 0)    | <input type="checkbox"/> |                           | ?  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

**Table Column Details**

**itgen.dal.dummy - dummy**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | dummy                                    |                          |                          |                          |
| Definition                  | A dummy column, stores no relevant data. |                          |                          |                          |
| Example                     | 'X'                                      |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(1 char)                         |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                 |                          |                          |                          |
| Display                     | In Search Filter                         | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Dummy ({res:itgen_dummy})                |                          |                          |                          |
| Label Singular as Reference | {res:itgen_dummy                         |                          |                          |                          |
| Label Plural                | Dummies ({res:itgen_dummies})            |                          |                          |                          |
| Label Plural as Reference   | Dummies ({res:itgen_dummies})            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001                                     |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                     |                          |                          |                          |

**itgen.dal.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.dal.itgen\_dal\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_dal_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name  | Position | Documentation |
|-------|----------|---------------|
| dummy | 1        |               |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

#### Attribute Rules

##### itgen.dal.atr057 - 10 - Mutate (insert/update) - Error

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | atr057                              |
| Event Category           | Mutate (insert/update)              |
| Action Category          | Error                               |
| Action Moment            |                                     |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input checked="" type="checkbox"/> |
| Constraint Specification | :last.dal_dummy = 'X'               |

#### Action Specification

User Message Remove all rows where the dummy column is different then 'X'. ({res:itgen\_atr057\_user\_message})

Documentation The maximum number of rows in a dual table is one. ({res:itgen\_atr057\_documentation})

##### itgen.dal.dalpre147 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre147                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

##### itgen.dal.dalpre148 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre148                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

##### itgen.dal.dalpre149 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre149                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

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## Applications

### itgen - Invantive Producer

## Tables

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

## Attribute Rules

### itgen.dal.dalpre150 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre150                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

### itgen.dal.dalpre151 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre151                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

### itgen.dal.dalpre152 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre152                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

### itgen.dal.dalpre153 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre153                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |





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## Applications

### itgen - Invantive Producer

## Tables

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

## Attribute Rules

### itgen.dal.dalpre154 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre154                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

### itgen.dal.dalpre155 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre155                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

### itgen.dal.dalpre156 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre156                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

### itgen.dal.dalpre157 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre157                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |



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## Applications

### itgen - Invantive Producer

## Tables

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

## Attribute Rules

### itgen.dal.dalpre158 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre158                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

### itgen.dal.dalpre159 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre159                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

### itgen.dal.dalpre160 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre160                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

### itgen.dal.dalpre161 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre161                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

#### Attribute Rules

##### itgen.dal.dalpre162 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre162                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

##### itgen.dal.dalpre163 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre163                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

##### itgen.dal.dalpre164 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre164                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

##### itgen.dal.dalpre165 - 10 - Mutate (insert/update) - Error

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre165                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |



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**Applications****itgen - Invantive Producer****Tables**

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

**Attribute Rules****itgen.dal.dalpre166 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre166                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre167 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre167                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre168 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre168                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre169 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre169                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |



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**Applications****itgen - Invantive Producer****Tables**

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

**Attribute Rules****itgen.dal.dalpre170 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre170                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre171 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre171                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre172 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre172                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre173 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre173                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |



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**Applications****itgen - Invantive Producer****Tables**

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

**Attribute Rules****itgen.dal.dalpre174 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre174                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre175 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre175                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre176 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre176                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre177 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre177                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |



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**Applications****itgen - Invantive Producer****Tables**

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

**Attribute Rules****itgen.dal.dalpre178 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre178                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre179 - 10 - Mutate (insert/update) - Error**

|                          |                            |
|--------------------------|----------------------------|
| Code                     | dalpre179                  |
| Event Category           | Mutate (insert/update)     |
| Action Category          | Error                      |
| Action Moment            |                            |
| Sort Order               | 10                         |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input type="checkbox"/>   |
| Constraint Specification | 1=1                        |
| Action Specification     |                            |
| User Message             | See package itgen_session. |
| Documentation            | See package itgen_session. |

**itgen.dal.dalpre183 - 10 - Mutate (insert/update) - Error**

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | dalpre183                           |
| Event Category           | Mutate (insert/update)              |
| Action Category          | Error                               |
| Action Moment            |                                     |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input type="checkbox"/>            |
| Constraint Specification | 1=1                                 |
| Action Specification     |                                     |
| User Message             | See package itgen_restricted_state. |
| Documentation            | See package itgen_restricted_state. |

**itgen.dal.dalpre184 - 10 - Mutate (insert/update) - Error**

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | dalpre184                           |
| Event Category           | Mutate (insert/update)              |
| Action Category          | Error                               |
| Action Moment            |                                     |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input type="checkbox"/>            |
| Constraint Specification | 1=1                                 |
| Action Specification     |                                     |
| User Message             | See package itgen_restricted_state. |
| Documentation            | See package itgen_restricted_state. |



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**Applications****itgen - Invantive Producer****Tables**

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

**Attribute Rules****itgen.dal.dalpre185 - 10 - Mutate (insert/update) - Error**

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | dalpre185                           |
| Event Category           | Mutate (insert/update)              |
| Action Category          | Error                               |
| Action Moment            |                                     |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input type="checkbox"/>            |
| Constraint Specification | 1=1                                 |
| Action Specification     |                                     |
| User Message             | See package itgen_restricted_state. |
| Documentation            | See package itgen_restricted_state. |

**itgen.dal.dalpre186 - 10 - Mutate (insert/update) - Error**

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | dalpre186                           |
| Event Category           | Mutate (insert/update)              |
| Action Category          | Error                               |
| Action Moment            |                                     |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input type="checkbox"/>            |
| Constraint Specification | 1=1                                 |
| Action Specification     |                                     |
| User Message             | See package itgen_restricted_state. |
| Documentation            | See package itgen_restricted_state. |

**itgen.dal.dalpre187 - 10 - Mutate (insert/update) - Error**

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | dalpre187                           |
| Event Category           | Mutate (insert/update)              |
| Action Category          | Error                               |
| Action Moment            |                                     |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input type="checkbox"/>            |
| Constraint Specification | 1=1                                 |
| Action Specification     |                                     |
| User Message             | See package itgen_restricted_state. |
| Documentation            | See package itgen_metadata_package. |

**itgen.dal.dalpre188 - 10 - Mutate (insert/update) - Error**

|                          |                          |
|--------------------------|--------------------------|
| Code                     | dalpre188                |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error                    |
| Action Moment            |                          |
| Sort Order               | 10                       |
| Autocompleted            | <input type="checkbox"/> |
| Create                   | <input type="checkbox"/> |
| Constraint Specification | 1=1                      |
| Action Specification     |                          |
| User Message             | See package itgen_web.   |
| Documentation            | See package itgen_web.   |



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## Applications

### itgen - Invantive Producer

#### Tables

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

#### Attribute Rules

##### itgen.dal.dalpre189 - 10 - Mutate (insert/update) - Error

|                          |                          |
|--------------------------|--------------------------|
| Code                     | dalpre189                |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error                    |
| Action Moment            |                          |
| Sort Order               | 10                       |
| Autocompleted            | <input type="checkbox"/> |
| Create                   | <input type="checkbox"/> |
| Constraint Specification | 1=1                      |
| Action Specification     |                          |
| User Message             | See package itgen_web.   |
| Documentation            | See package itgen_web.   |

##### itgen.dal.dalpre196 - 10 - Mutate (insert/update) - Error

|                          |                          |
|--------------------------|--------------------------|
| Code                     | dalpre196                |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error                    |
| Action Moment            |                          |
| Sort Order               | 10                       |
| Autocompleted            | <input type="checkbox"/> |
| Create                   | <input type="checkbox"/> |
| Constraint Specification | 1=1                      |
| Action Specification     |                          |
| User Message             | See package itgen_log.   |
| Documentation            | See package itgen_log.   |

##### itgen.dal.dalpre197 - 10 - Mutate (insert/update) - Error

|                          |                          |
|--------------------------|--------------------------|
| Code                     | dalpre197                |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error                    |
| Action Moment            |                          |
| Sort Order               | 10                       |
| Autocompleted            | <input type="checkbox"/> |
| Create                   | <input type="checkbox"/> |
| Constraint Specification | 1=1                      |
| Action Specification     |                          |
| User Message             | See package itgen_log.   |
| Documentation            | See package itgen_log.   |

##### itgen.dal.dalpre198 - 10 - Mutate (insert/update) - Error

|                          |                              |
|--------------------------|------------------------------|
| Code                     | dalpre198                    |
| Event Category           | Mutate (insert/update)       |
| Action Category          | Error                        |
| Action Moment            |                              |
| Sort Order               | 10                           |
| Autocompleted            | <input type="checkbox"/>     |
| Create                   | <input type="checkbox"/>     |
| Constraint Specification | 1=1                          |
| Action Specification     |                              |
| User Message             | See package itgen_data_util. |
| Documentation            | See package itgen_data_util. |

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## Applications

### itgen - Invantive Producer

## Tables

| Name       | Code | Label Plural              |
|------------|------|---------------------------|
| itgen_dual | dal  | Duals ({res:itgen_duals}) |

## Attribute Rules

### itgen.dal.dalpre199 - 10 - Mutate (insert/update) - Error

|                          |                              |
|--------------------------|------------------------------|
| Code                     | dalpre199                    |
| Event Category           | Mutate (insert/update)       |
| Action Category          | Error                        |
| Action Moment            |                              |
| Sort Order               | 10                           |
| Autocompleted            | <input type="checkbox"/>     |
| Create                   | <input type="checkbox"/>     |
| Constraint Specification | 1=1                          |
| Action Specification     |                              |
| User Message             | See package itgen_data_util. |
| Documentation            | See package itgen_data_util. |

### itgen.dal.dalpre201 - 10 - Mutate (insert/update) - Error

|                          |                                   |
|--------------------------|-----------------------------------|
| Code                     | dalpre201                         |
| Event Category           | Mutate (insert/update)            |
| Action Category          | Error                             |
| Action Moment            |                                   |
| Sort Order               | 10                                |
| Autocompleted            | <input type="checkbox"/>          |
| Create                   | <input type="checkbox"/>          |
| Constraint Specification | 1=1                               |
| Action Specification     |                                   |
| User Message             | See package itgen_master_trigger. |
| Documentation            | See package itgen_master_trigger. |

### itgen.dal.dalpre202 - 10 - Mutate (insert/update) - Error

|                          |                                  |
|--------------------------|----------------------------------|
| Code                     | dalpre202                        |
| Event Category           | Mutate (insert/update)           |
| Action Category          | Error                            |
| Action Moment            |                                  |
| Sort Order               | 10                               |
| Autocompleted            | <input type="checkbox"/>         |
| Create                   | <input type="checkbox"/>         |
| Constraint Specification | 1=1                              |
| Action Specification     |                                  |
| User Message             | See package itgen_error_handler. |
| Documentation            | See package itgen_error_handler. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_functions | ftn  | Functions ({res:itgen_functions}) |

**Table Definition**

**ftn - itgen\_functions**

|                                |   |
|--------------------------------|---|
| Code                           | ftn                                     |
| Name                           | itgen_functions                         |
| Definition                     | Functions of the application            |
| Example                        | Invantive Control                       |
| Autocompleted                  | <input type="checkbox"/>                |
| Create                         | <input checked="" type="checkbox"/>     |
| Create History                 | <input checked="" type="checkbox"/>     |
| Show History                   | <input checked="" type="checkbox"/>     |
| User May Delete                | <input type="checkbox"/>                |
| User May Insert                | <input type="checkbox"/>                |
| User May Select                | <input type="checkbox"/>                |
| User May Update                | <input type="checkbox"/>                |
| Interface?                     | <input type="checkbox"/>                |
| Derived                        | <input type="checkbox"/>                |
| Default Reference Columns      | id,code,description                     |
| Data Category                  | Seed                                    |
| Label Plural                   | Functions ({res:itgen_functions})       |
| Label Plural when Referenced   | Functions ({res:itgen_functions})       |
| Label Singular                 | Function (*.fnc) ({res:itgen_function}) |
| Label Singular when Referenced | Function (*.fnc) ({res:itgen_function}) |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                        |
|-----------------|------|-------------------------------------|
| itgen_functions | ftn  | Functions ({{res:itgen_functions}}) |

**Table Columns**

| Name        | Data Type          | Opt.                     | Label Singular                          | Definition  |
|-------------|--------------------|--------------------------|---|-------------|
| code        | varchar2(30 char)  | <input type="checkbox"/> | Code ({{res:itgen_code}})               | Code        |
| description | varchar2(240 char) | <input type="checkbox"/> | Description ({{res:itgen_description}}) | Description |
| id          | number(15, 0)      | <input type="checkbox"/> |   | ?           |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_functions | ftn  | Functions ({res:itgen_functions}) |

**Table Column Details**

**itgen.ftn.code - code**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | code                                |                          |                          |                          |
| Definition                  | Code                                |                          |                          |                          |
| Example                     | itgen_eca                           |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(30 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code                     |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})           |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})           |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')               |                          |                          |                          |

**itgen.ftn.description - description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | description                             |                          |                          |                          |
| Definition                  | Description                             |                          |                          |                          |
| Example                     | Invantive Control                       |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description                  |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions}) |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_functions | ftn  | Functions ({res:itgen_functions}) |

**Table Column Details**

**itgen.ftn.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_functions | ftn  | Functions ({res:itgen_functions}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.ftn.itgen\_ftn\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_ftn_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| code | 1        |               |

**itgen.ftn.itgen\_ftn\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_ftn_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Table Contents**

| Natural Key | Field                 | Value  |
|-------------|-----------------------|--|
| ERROR       | TABLE itgen_functions | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_glossaries | gsy  | Glossaries ({res:itgen_glossaries}) |

**Table Definition**

**gsy - itgen\_glossaries**

|                                |                                     |
|--------------------------------|-------------------------------------|
| Code                           | gsy                                 |
| Name                           | itgen_glossaries                    |
| Definition                     | Glossaries with terms.              |
| Example                        | Medial glossary.                    |
| Autocompleted                  | <input type="checkbox"/>            |
| Create                         | <input checked="" type="checkbox"/> |
| Create History                 | <input checked="" type="checkbox"/> |
| Show History                   | <input checked="" type="checkbox"/> |
| User May Delete                | <input type="checkbox"/>            |
| User May Insert                | <input type="checkbox"/>            |
| User May Select                | <input type="checkbox"/>            |
| User May Update                | <input type="checkbox"/>            |
| Interface?                     | <input type="checkbox"/>            |
| Derived                        | <input type="checkbox"/>            |
| Default Reference Columns      | id,code                             |
| Data Category                  | Transaction                         |
| Label Plural                   | Glossaries ({res:itgen_glossaries}) |
| Label Plural when Referenced   | Glossaries ({res:itgen_glossaries}) |
| Label Singular                 | Glossary ({res:itgen_glossary})     |
| Label Singular when Referenced | Glossary ({res:itgen_glossary})     |
| Number of Rows                 |                                     |
| Documentation                  |                                     |





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## Applications

### itgen - Invantive Producer

#### Tables

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_glossaries | gsy  | Glossaries ({res:itgen_glossaries}) |

#### Table Columns

| Name                        | Data Type           | Opt.                     | Label Singular                        | Definition  |
|-----------------------------|---------------------|--------------------------|---------------------------------------|---|
| <a href="#">apn_id</a>      | number(15, 0)       | <input type="checkbox"/> | Application ID ({res:itgen_apn_id})   | Reference to an application registered in ITGEN_APPLICATIONS.       |
| <a href="#">code</a>        | varchar2(30 char)   | <input type="checkbox"/> | Code ({res:itgen_code})               | Unique alphanumeric code.   |
| <a href="#">copyright</a>   | varchar2(4000 char) | <input type="checkbox"/> | Copyright ({res:itgen_copyright})     | Copyright text  |
| <a href="#">description</a> | varchar2(240 char)  | <input type="checkbox"/> | Description ({res:itgen_description}) | Description in natural language for display on reports and screens. |
| <a href="#">id</a>          | number(15, 0)       | <input type="checkbox"/> |                                       | ?   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_glossaries | gsy  | Glossaries ({res:itgen_glossaries}) |

**Table Column Details**

**itgen.gsy.apn\_id - apn\_id**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | apn_id  |                          |                          |                          |
| Definition                  | Reference to an application registered in ITGEN_APPLICATIONS. |                          |                          |                          |
| Example                     | 3   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                      |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Application ID ({res:itgen_apn_id})                           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_apn_id}  |                          |                          |                          |
| Label Plural                | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Label Plural as Reference   | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.gsy.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code}  |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_glossaries | gsy  | Glossaries ({res:itgen_glossaries}) |

**Table Column Details**

**itgen.gsy.copyright - copyright**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | copyright  |                          |                          |                          |
| Definition                  | Copyright text   |                          |                          |                          |
| Example                     | '(C) Copyright 2004-2012 Invantive Software BV, the Netherlands. All rights reserved.' |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Copyright ({res:itgen_copyright})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_copyright   |                          |                          |                          |
| Label Plural                | Copyrights ({res:itgen_copyrights})  |                          |                          |                          |
| Label Plural as Reference   | Copyrights ({res:itgen_copyrights})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |

**itgen.gsy.description - description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | description   |                          |                          |                          |
| Definition                  | Description in natural language for display on reports and screens. |                          |                          |                          |
| Example                     | None.   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description  |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_glossaries | gsy  | Glossaries ({res:itgen_glossaries}) |

**Table Column Details**

**itgen.gsy.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_glossaries | gsy  | Glossaries ({res:itgen_glossaries}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.gsy.itgen\_gsy\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_gsy_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| apn_id | 1        |               |
| code   | 2        |               |

**itgen.gsy.itgen\_gsy\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_gsy_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**itgen.gsy.itgen\_gsy\_apn\_fk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_gsy_apn_fk                    |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| apn_id | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_gsy_apn_fk | itgen.gsy.apn_id | itgen.apn.id      |      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_glossary_terms | gtm  | Glossary Terms ({res:itgen_glossary_terms}) |

**Table Definition**

**gtm - itgen\_glossary\_terms**

|                                |   |
|--------------------------------|---|
| Code                           | gtm   |
| Name                           | itgen_glossary_terms                        |
| Definition                     | Terms within a glossary.                    |
| Example                        | Paracetamol is a drug for a bad hangover.   |
| Autocompleted                  | <input type="checkbox"/>                    |
| Create                         | <input checked="" type="checkbox"/>         |
| Create History                 | <input checked="" type="checkbox"/>         |
| Show History                   | <input checked="" type="checkbox"/>         |
| User May Delete                | <input type="checkbox"/>                    |
| User May Insert                | <input type="checkbox"/>                    |
| User May Select                | <input type="checkbox"/>                    |
| User May Update                | <input type="checkbox"/>                    |
| Interface?                     | <input type="checkbox"/>                    |
| Derived                        | <input type="checkbox"/>                    |
| Default Reference Columns      | id  |
| Data Category                  | Transaction                                 |
| Label Plural                   | Glossary Terms ({res:itgen_glossary_terms}) |
| Label Plural when Referenced   | Glossary Terms ({res:itgen_glossary_terms}) |
| Label Singular                 | Glossary Term ({res:itgen_glossary_term})   |
| Label Singular when Referenced | Glossary Term ({res:itgen_glossary_term})   |
| Number of Rows                 |   |
| Documentation                  |   |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_glossary_terms | gtm  | Glossary Terms ({res:itgen_glossary_terms}) |

#### Table Columns

| Name                                      | Data Type           | Opt.                                | Label Singular   | Definition  |
|---|---------------------|-------------------------------------|--|---|
| <a href="#">gsy_id</a>                    | number(15, 0)       | <input type="checkbox"/>            | {res:itgen_gsy_id}   | Reference to a glossary registered in ITGEN_GLOSSARIES.   |
| <a href="#">id</a>                        | number(15, 0)       | <input type="checkbox"/>            |  | ?   |
| <a href="#">language_independent_flag</a> | char(1 byte)        | <input type="checkbox"/>            | Language Independent ({res:itgen_language_independent_flag}) | Indicator whether the glossary term is dependent on language. Names such as 'Invantive' are not language dependent. |
| <a href="#">term</a>                      | varchar2(240 char)  | <input type="checkbox"/>            | {res:itgen_term}   | Term in the preferred specification language of the application or using resources.                                 |
| <a href="#">definition</a>                | varchar2(4000 char) | <input checked="" type="checkbox"/> | Definition ({res:itgen_definition})                          | Definition of the term in the preferred specification language of the application or using resources.               |
| <a href="#">documentation</a>             | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})                    | Documentation on the term.  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_glossary_terms | gtm  | Glossary Terms ({res:itgen_glossary_terms}) |

**Table Column Details**

**itgen.gtm.definition - definition**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | definition  |                          |                          |                          |
| Definition                  | Definition of the term in the preferred specification language of the application or using resources. |                          |                          |                          |
| Example                     | 'Medicine for a bad hangover.'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Definition ({res:itgen_definition})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_definition   |                          |                          |                          |
| Label Plural                | Definitions ({res:itgen_definitions})   |                          |                          |                          |
| Label Plural as Reference   | Definitions ({res:itgen_definitions})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.gtm.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                               |                          |                          |                          |
| Definition                  | Documentation on the term.                  |                          |                          |                          |
| Example                     | 'This medicine was introduced in 1930.'     |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                    |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_glossary_terms | gtm  | Glossary Terms ({res:itgen_glossary_terms}) |

**Table Column Details**

**itgen.gtm.gsy\_id - gsy\_id**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | gsy_id  |                          |                          |                          |
| Definition                  | Reference to a glossary registered in ITGEN_GLOSSARIES. |                          |                          |                          |
| Example                     | 3   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_gsy_id}                                      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_gsy_id}                                      |                          |                          |                          |
| Label Plural                | {res:itgen_gsy_ids}                                     |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_gsy_ids}                                     |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                      |                          |                          |                          |

**itgen.gtm.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_glossary_terms | gtm  | Glossary Terms ({res:itgen_glossary_terms}) |

**Table Column Details**

**itgen.gtm.language\_independent\_flag - language\_independent\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | language_independent_flag   |                          |                          |                          |
| Definition                  | Indicator whether the glossary term is dependent on language. Names such as 'Invantive' are not language dependent. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Language Independent ({res:itgen_language_independent_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_language_independent_flag  |                          |                          |                          |
| Label Plural                | {res:itgen_language_independent_flags}  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_language_independent_flags}  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')   |                          |                          |                          |

**itgen.gtm.term - term**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | term  |                          |                          |                          |
| Definition                  | Term in the preferred specification language of the application or using resources. |                          |                          |                          |
| Example                     | 'Paracetamol'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_term}  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_term   |                          |                          |                          |
| Label Plural                | {res:itgen_terms}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_terms}   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')   |                          |                          |                          |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_glossary_terms | gtm  | Glossary Terms ({res:itgen_glossary_terms}) |

#### Indexes

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.gtm.itgen\_gtm\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_gtm_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| gsy_id | 1        |               |
| term   | 2        |               |

##### itgen.gtm.itgen\_gtm\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_gtm_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

##### itgen.gtm.itgen\_gtm\_gsy\_fk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_gtm_gsy_fk                    |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| gsy_id | 1        |               |

#### Referential Constraints

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_gtm_gsy_fk | itgen.gtm.gsy_id | itgen.gsy.id      |      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_glossary_terms | gtm  | Glossary Terms ({res:itgen_glossary_terms}) |

**Attribute Rules**

**itgen.gtm.gtmddf204 - 10 - Insert - Action**

|                          |   |
|--------------------------|---|
| Code                     | gtmdff204                                   |
| Event Category           | Insert                                      |
| Action Category          | Action                                      |
| Action Moment            | B   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>                    |
| Create                   | <input checked="" type="checkbox"/>         |
| Constraint Specification | :last.gtm_language_independent_flag is null |
| Action Specification     | :last.gtm_language_independent_flag := 'N'; |
| User Message             |   |
| Documentation            |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_index_columns | icn  | Index Columns ({res:itgen_index_columns}) |

**Table Definition**

**icn - itgen\_index\_columns**

|                                |  |
|--------------------------------|--|
| Code                           | icn  |
| Name                           | itgen_index_columns                                    |
| Definition                     | Column forming part of an index.                       |
| Example                        | The column 'code' is part of the index 'itgen_apn_uk'. |
| Autocompleted                  | <input type="checkbox"/>                               |
| Create                         | <input checked="" type="checkbox"/>                    |
| Create History                 | <input checked="" type="checkbox"/>                    |
| Show History                   | <input checked="" type="checkbox"/>                    |
| User May Delete                | <input type="checkbox"/>                               |
| User May Insert                | <input type="checkbox"/>                               |
| User May Select                | <input type="checkbox"/>                               |
| User May Update                | <input type="checkbox"/>                               |
| Interface?                     | <input type="checkbox"/>                               |
| Derived                        | <input type="checkbox"/>                               |
| Default Reference Columns      | id,name,position                                       |
| Data Category                  | Transaction  |
| Label Plural                   | Index Columns ({res:itgen_index_columns})              |
| Label Plural when Referenced   | Index Columns ({res:itgen_index_columns})              |
| Label Singular                 | Index Column ({res:itgen_index_column})                |
| Label Singular when Referenced | Index Column ({res:itgen_index_column})                |
| Number of Rows                 |  |
| Documentation                  |  |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_index_columns | icn  | Index Columns ({res:itgen_index_columns}) |

#### Table Columns

| Name                               | Data Type           | Opt.                                | Label Singular                                 | Definition  |
|------------------------------------|---------------------|-------------------------------------|--|---|
| <a href="#">autocompleted_flag</a> | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag}) | Indicator whether this row was added by autocomplete.                                     |
| <a href="#">id</a>                 | number(15, 0)       | <input type="checkbox"/>            |  | ?   |
| <a href="#">idx_id</a>             | number(15, 0)       | <input type="checkbox"/>            | Index ID ({res:itgen_idx_id})                  | Reference to an index registered in ITGEN_INDEXES.  |
| <a href="#">position</a>           | number(5, 0)        | <input type="checkbox"/>            | Position ({res:itgen_position})                | ?   |
| <a href="#">tcn_id</a>             | number(15, 0)       | <input type="checkbox"/>            | {res:itgen_tcn_id}                             | Reference to a table column registered in ITGEN_TABLE_COLUMNS.                            |
| <a href="#">documentation</a>      | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})      | Documentation on the index column.  |
| <a href="#">documentation_l</a>    | clob                | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation_l})    | Documentation on the index column. Will replace the column 'documentation' in the future. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_index_columns | icn  | Index Columns ({res:itgen_index_columns}) |

**Table Column Details**

**itgen.icn.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag                         |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |

**itgen.icn.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                               |                          |                          |                          |
| Definition                  | Documentation on the index column.          |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                    |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_index_columns | icn  | Index Columns ({res:itgen_index_columns}) |

**Table Column Details**

**itgen.icn.documentation\_1 - documentation\_1**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation_1   |                          |                          |                          |
| Definition                  | Documentation on the index column. Will replace the column 'documentation' in the future. |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | clob  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation_1})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation_1  |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})   |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.icn.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_index_columns | icn  | Index Columns ({res:itgen_index_columns}) |

**Table Column Details**

**itgen.icn.idx\_id - idx\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | idx_id   |                          |                          |                          |
| Definition                  | Reference to an index registered in ITGEN_INDEXES. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                           |                          |                          |                          |
| Display                     | In Search Filter                                   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                           |                          |                          |                          |
| System Column               | <input type="checkbox"/>                           |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                           |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                           |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                           |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Index ID ({res:itgen_idx_id})                      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_idx_id}                                 |                          |                          |                          |
| Label Plural                | {res:itgen_idx_ids}                                |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_idx_ids}                                |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                 |                          |                          |                          |

**itgen.icn.position - position**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | position                            |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(5, 0)                        |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Position ({res:itgen_position})     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_position}                |                          |                          |                          |
| Label Plural                | Positions ({res:itgen_positions})   |                          |                          |                          |
| Label Plural as Reference   | Positions ({res:itgen_positions})   |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_index_columns | icn  | Index Columns ({res:itgen_index_columns}) |

**Table Column Details**

**itgen.icn.tcn\_id - tcn\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | tcn_id   |                          |                          |                          |
| Definition                  | Reference to a table column registered in ITGEN_TABLE_COLUMNS. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                       |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_tcn_id}   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_tcn_id}   |                          |                          |                          |
| Label Plural                | {res:itgen_tcn_ids}  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_tcn_ids}  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |

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### itgen - Invantive Producer

#### Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_index_columns | icn  | Index Columns ({res:itgen_index_columns}) |

#### Indexes

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.icn.itgen\_icn\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_icn_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name     | Position | Documentation |
|----------|----------|---------------|
| idx_id   | 1        |               |
| position | 2        |               |

##### itgen.icn.itgen\_icn\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_icn_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

##### itgen.icn.itgen\_icn\_uk\_tcn

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_icn_uk_tcn                    |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| idx_id | 1        |               |
| tcn_id | 2        |               |

##### itgen.icn.itgen\_icn\_idx\_fk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_icn_idx_fk                    |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| idx_id | 1        |               |

##### itgen.icn.itgen\_icn\_n1

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_icn_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |



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**Applications**

itgen - Invantive Producer

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_index_columns | icn  | Index Columns ({res:itgen_index_columns}) |

**Indexes**

**Index Columns**

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

**itgen.icn.itgen\_icn\_tcn\_fk**

Name: itgen\_icn\_tcn\_fk  
 Create:   
 Unique:   
 Documentation:

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| tcn_id | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced            | Role |
|------------------|------------------|------------------------------|------|
| itgen_icn_idx_fk | itgen.icn.idx_id | <a href="#">itgen.idx.id</a> |      |
| itgen_icn_tcn_fk | itgen.icn.tcn_id | <a href="#">itgen.tcn.id</a> |      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_index_columns | icn  | Index Columns ({res:itgen_index_columns}) |

**Attribute Rules**

**itgen.icn.atr029 - 10 - Insert - Action**

|                          |                                      |
|--------------------------|--------------------------------------|
| Code                     | atr029                               |
| Event Category           | Insert                               |
| Action Category          | Action                               |
| Action Moment            | B                                    |
| Sort Order               | 10                                   |
| Autocompleted            | <input type="checkbox"/>             |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.icn_autocompleted_flag is null |
| Action Specification     | :last.icn_autocompleted_flag := 'N'; |
| User Message             |                                      |
| Documentation            |                                      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                    |
|---------------|------|---------------------------------|
| itgen_indexes | idx  | Indexes ({{res:itgen_indexes}}) |

**Table Definition**

idx - itgen\_indexes

|                                |  |
|--------------------------------|--|
| Code                           | idx  |
| Name                           | itgen_indexes  |
| Definition                     | Allow rapid retrieval of data from a table and ensure uniqueness of combinations of columns. |
| Example                        | The index 'itgen_apn_uk' ensures that each application has a unique code.                    |
| Autocompleted                  | <input type="checkbox"/>   |
| Create                         | <input checked="" type="checkbox"/>  |
| Create History                 | <input checked="" type="checkbox"/>  |
| Show History                   | <input checked="" type="checkbox"/>  |
| User May Delete                | <input type="checkbox"/>   |
| User May Insert                | <input type="checkbox"/>   |
| User May Select                | <input type="checkbox"/>   |
| User May Update                | <input type="checkbox"/>   |
| Interface?                     | <input type="checkbox"/>   |
| Derived                        | <input type="checkbox"/>   |
| Default Reference Columns      | id,name,unique_flag  |
| Data Category                  | Transaction  |
| Label Plural                   | Indexes ({{res:itgen_indexes}})  |
| Label Plural when Referenced   | Indexes ({{res:itgen_indexes}})  |
| Label Singular                 | Index ({{res:itgen_index}})  |
| Label Singular when Referenced | Index ({{res:itgen_index}})  |
| Number of Rows                 |  |
| Documentation                  |  |

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## Applications

### itgen - Invantive Producer

## Tables

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_indexes | idx  | Indexes ({res:itgen_indexes}) |

## Table Columns

| Name                               | Data Type           | Opt.                                | Label Singular                                 | Definition   |
|------------------------------------|---------------------|-------------------------------------|--|--|
| <a href="#">autocompleted_flag</a> | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag}) | Indicator whether this row was added by autocomplete.                              |
| <a href="#">create_flag</a>        | char(1 byte)        | <input type="checkbox"/>            | Create ({res:itgen_create_flag})               | Indicator whether the index will be created  |
| <a href="#">id</a>                 | number(15, 0)       | <input type="checkbox"/>            |  | ?  |
| <a href="#">name</a>               | varchar2(30 char)   | <input type="checkbox"/>            | Name ({res:itgen_name})                        | Name of the index.   |
| <a href="#">tbe_id</a>             | number(15, 0)       | <input type="checkbox"/>            | {res:itgen_tbe_id}                             | Reference to a table registered in ITGEN_TABLES.                                   |
| <a href="#">unique_flag</a>        | char(1 byte)        | <input type="checkbox"/>            | Unique ({res:itgen_unique_flag})               | ?  |
| <a href="#">documentation</a>      | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})      | Documentation on the index.  |
| <a href="#">documentation_l</a>    | clob                | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation_l})    | Documentation on the index. Will replace the column 'documentation' in the future. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_indexes | idx  | Indexes ({res:itgen_indexes}) |

**Table Column Details**

**itgen.idx.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag                         |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |

**itgen.idx.create\_flag - create\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | create_flag                                 |                          |                          |                          |
| Definition                  | Indicator whether the index will be created |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Create ({res:itgen_create_flag})            |                          |                          |                          |
| Label Singular as Reference | {res:itgen_create_flag                      |                          |                          |                          |
| Label Plural                | Creates ({res:itgen_create_flags})          |                          |                          |                          |
| Label Plural as Reference   | Creates ({res:itgen_create_flags})          |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                        |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_indexes | idx  | Indexes ({res:itgen_indexes}) |

**Table Column Details**

**itgen.idx.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                               |                          |                          |                          |
| Definition                  | Documentation on the index.                 |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                    |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.idx.documentation\_I - documentation\_I**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | documentation_I  |                          |                          |                          |
| Definition                  | Documentation on the index. Will replace the column 'documentation' in the future. |                          |                          |                          |
| Example                     | ?  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | clob   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation_I})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation_I   |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_indexes | idx  | Indexes ({res:itgen_indexes}) |

**Table Column Details**

**itgen.idx.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |

**itgen.idx.name - name**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | name                                |   |                                 |                                    |  |
| Definition                  | Name of the index.                  |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | varchar2(30 char)                   |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              | Name ({res:itgen_name})             |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_name}                    |   |                                 |                                    |  |
| Label Plural                | Names ({res:itgen_names})           |   |                                 |                                    |  |
| Label Plural as Reference   | Names ({res:itgen_names})           |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, '?')                |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_indexes | idx  | Indexes ({res:itgen_indexes}) |

**Table Column Details**

**itgen.idx.tbe\_id - tbe\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | tbe_id   |                          |                          |                          |
| Definition                  | Reference to a table registered in ITGEN_TABLES. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                                    |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter                                 | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                         |                          |                          |                          |
| System Column               | <input type="checkbox"/>                         |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>              |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                         |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                         |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                         |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_tbe_id}                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_tbe_id}                               |                          |                          |                          |
| Label Plural                | {res:itgen_tbe_ids}                              |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_tbe_ids}                              |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                               |                          |                          |                          |

**itgen.idx.unique\_flag - unique\_flag**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | unique_flag                         |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | 'N'                                 |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | char(1 byte)                        |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Unique ({res:itgen_unique_flag})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_unique_flag}             |                          |                          |                          |
| Label Plural                | Unique ({res:itgen_unique_flags})   |                          |                          |                          |
| Label Plural as Reference   | Unique ({res:itgen_unique_flags})   |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_indexes | idx  | Indexes ({res:itgen_indexes}) |

#### Indexes

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.idx.itgen\_idx\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_idx_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| tbe_id | 1        |               |
| name   | 2        |               |

##### itgen.idx.itgen\_idx\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_idx_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

##### itgen.idx.itgen\_idx\_n1

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_idx_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

##### itgen.idx.itgen\_idx\_tbe\_fk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_idx_tbe_fk                    |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| tbe_id | 1        |               |

#### Referential Constraints

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_idx_tbe_fk | itgen.idx.tbe_id | itgen.tbe.id      |      |

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## Applications

### itgen - Invantive Producer

## Tables

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_indexes | idx  | Indexes ({res:itgen_indexes}) |

## Attribute Rules

### itgen.idx.atr016 - 10 - Insert - Action

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | atr016                              |
| Event Category           | Insert                              |
| Action Category          | Action                              |
| Action Moment            | B                                   |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input checked="" type="checkbox"/> |
| Constraint Specification | :last.idx_create_flag is null       |
| Action Specification     | :last.idx_create_flag := 'Y';       |
| User Message             |                                     |
| Documentation            |                                     |

### itgen.idx.atr028 - 10 - Insert - Action

|                          |                                      |
|--------------------------|--------------------------------------|
| Code                     | atr028                               |
| Event Category           | Insert                               |
| Action Category          | Action                               |
| Action Moment            | B                                    |
| Sort Order               | 10                                   |
| Autocompleted            | <input type="checkbox"/>             |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.idx_autocompleted_flag is null |
| Action Specification     | :last.idx_autocompleted_flag := 'N'; |
| User Message             |                                      |
| Documentation            |                                      |

### itgen.idx.atr044 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr044  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>                                   |
| Constraint Specification | :last.idx_name = lower(:last.idx_name)                                |
| Action Specification     |   |
| User Message             | Correct the name of the index. ({res:itgen_atr044_user_message})      |
| Documentation            | The index name must be lower case. ({res:itgen_atr044_documentation}) |

### itgen.idx.atr054 - 20 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr054   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.idx_unique_flag = 'N' or ( :last.idx_name like '%pk' or :last.idx_name like '%nk' or :last.idx_name like '%\uk%' escape '\' )  |
| Action Specification     |  |
| User Message             | Change the name of the index or change whether the index stores unique values. ({res:itgen_atr054_user_message})   |
| Documentation            | Only an index for a natural key (name ends on 'nk'), primary key (name ends on 'pk') or unique values (name includes 'uk') may be unique. ({res:itgen_atr054_documentation}) |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_indexes | idx  | Indexes ({res:itgen_indexes}) |

**Attribute Rules**

**itgen.idx.atr055 - 30 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr055  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 30  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>:last.idx_unique_flag = 'Y' or :last.idx_name like '%\_n%' escape '\\' or :last.idx_name like '%\_fk%' escape '\\'</code>   |
| Action Specification     |   |
| User Message             | Change the name of the index or change the flag when the index contains unique values. ({res:itgen_atr055_user_message})  |
| Documentation            | Only an index which is not a natural key (name ends on 'nk'), not a primary key (name ends on 'pk') and does not contain unique values (name included 'uk') may be non-unique. ({res:itgen_atr055_documentation}) |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

**Table Definition**

ian - itgen\_interactions

|                                |   |
|--------------------------------|---|
| Code                           | ian   |
| Name                           | itgen_interactions  |
| Definition                     | All interactions between the users and the application performed through the web frontend. Interactions through the business views are not recorded here. Please see also ITGEN_TRANSACTIONS. |
| Example                        | The user 'system' executed a query 'select * from bubs_projecten_v' in the form 'Projects' yesterday morning.   |
| Autocompleted                  | <input type="checkbox"/>  |
| Create                         | <input checked="" type="checkbox"/>   |
| Create History                 | <input type="checkbox"/>  |
| Show History                   | <input type="checkbox"/>  |
| User May Delete                | <input type="checkbox"/>  |
| User May Insert                | <input type="checkbox"/>  |
| User May Select                | <input type="checkbox"/>  |
| User May Update                | <input type="checkbox"/>  |
| Interface?                     | <input type="checkbox"/>  |
| Derived                        | <input type="checkbox"/>  |
| Default Reference Columns      | id,interaction_number   |
| Data Category                  | Transaction   |
| Label Plural                   | Interactions ({res:itgen_interactions})   |
| Label Plural when Referenced   | Interactions ({res:itgen_interactions})   |
| Label Singular                 | Interaction ({res:itgen_interaction})   |
| Label Singular when Referenced | Interaction ({res:itgen_interaction})   |
| Number of Rows                 |   |
| Documentation                  |   |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

#### Table Columns

| Name                    | Data Type           | Opt.                                | Label Singular  | Definition   |
|-------------------------|---------------------|-------------------------------------|---|--|
| action                  | varchar2(60 char)   | <input type="checkbox"/>            | Action ({res:itgen_action})                                   | The executed SQL action (select, insert, update or delete).  |
| id                      | number(15, 0)       | <input type="checkbox"/>            |   | ?  |
| interaction_number      | number(15, 0)       | <input type="checkbox"/>            | Interaction Number ({res:itgen_interaction_number})           | Unique numeric code, introduced to create an artificial natural unique index and it's value is identical to the value of the column ID.          |
| last_transaction_number | number(15, 0)       | <input type="checkbox"/>            | Last Transaction Number ({res:itgen_last_transaction_number}) | Number of the last completed transaction. This information can be used to reconstruct complex interactions and changes through time.             |
| logon_code              | varchar2(128 char)  | <input type="checkbox"/>            | Logon Code ({res:itgen_logon_code})                           | The name of the login account used by the user as defined in BUBS_USERS.   |
| machine                 | varchar2(128 char)  | <input type="checkbox"/>            | Machine ({res:itgen_machine})                                 | Name of the workstation used to access the application.  |
| module                  | varchar2(128 char)  | <input type="checkbox"/>            | Module ({res:itgen_module})                                   | Name of the module installed.  |
| oracle_audit_sessionid  | number(15, 0)       | <input type="checkbox"/>            | Oracle Audit Session-ID ({res:itgen_oracle_audit_sessionid})  | Auditing serial number of the Oracle session executing this action.  |
| oracle_sessionid        | number(15, 0)       | <input type="checkbox"/>            | Oracle Session-ID ({res:itgen_oracle_sessionid})              | ID of the Oracle session executing this action.  |
| oracle_session_serial   | number(15, 0)       | <input type="checkbox"/>            | Oracle Session Serial ({res:itgen_oracle_session_serial})     | Serial number of the Oracle session executing this action.   |
| sessionid               | varchar2(240 char)  | <input type="checkbox"/>            | Session-ID ({res:itgen_sessionid})                            | Unique ID of the session executing the interaction.  |
| time                    |                     | <input type="checkbox"/>            | Time ({res:itgen_time})                                       | Time of the RDBMS server at which the event occurred.  |
| time_cs                 | number(30, 0)       | <input type="checkbox"/>            | Time (cs) ({res:itgen_time_cs})                               | The number of 100th's of a second from some arbitrary epoch. This time is typically used to determine the difference in time between two events. |
| date_reported           |                     | <input checked="" type="checkbox"/> | Date Reported ({res:itgen_date_reported})                     | The reports will contain the status of the system as of this date.   |
| query                   | varchar2(4000 char) | <input checked="" type="checkbox"/> | Query ({res:itgen_query})                                     | The query or data manipulation SQL-statement executed.   |
| request_url             | varchar2(4000 char) | <input checked="" type="checkbox"/> | Request URL ({res:itgen_request_url})                         | Absolute URL used.   |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

**Table Column Details**

**itgen.ian.action - action**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | action  |                          |                          |                          |
| Definition                  | The executed SQL action (select, insert, update or delete). |                          |                          |                          |
| Example                     | select * from itgen_users_v                                 |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(60 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                    |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Action ({res:itgen_action})                                 |                          |                          |                          |
| Label Singular as Reference | {res:itgen_action   |                          |                          |                          |
| Label Plural                | Actions ({res:itgen_actions})                               |                          |                          |                          |
| Label Plural as Reference   | Actions ({res:itgen_actions})                               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.ian.date\_reported - date\_reported**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | date_reported  |                          |                          |                          |
| Definition                  | The reports will contain the status of the system as of this date. |                          |                          |                          |
| Example                     | January 01, 2005 8:58:34.  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   |  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Date Reported ({res:itgen_date_reported})                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_date_reported   |                          |                          |                          |
| Label Plural                | {res:itgen_date_reporteds}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_date_reporteds}   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

**Table Column Details**

**itgen.ian.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |

**itgen.ian.interaction\_number - interaction\_number**

|                             |   |   |                                 |                                    |  |
|-----------------------------|---|---|---------------------------------|------------------------------------|--|
| Name                        | interaction_number  |   |                                 |                                    |  |
| Definition                  | Unique numeric code, introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |   |                                 |                                    |  |
| Example                     | 3   |   |                                 |                                    |  |
| Definition for Manual       |   |   |                                 |                                    |  |
| Documentation               |   |   |                                 |                                    |  |
| Data Type                   | number(15, 0)   |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>  |   |                                 |                                    |  |
| Display                     |   | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>  |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>   |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>  |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>  |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>  |   |                                 |                                    |  |
| Expression Default Value    |   |   |                                 |                                    |  |
| Label Singular              | Interaction Number ({res:itgen_interaction_number})   |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_interaction_number   |   |                                 |                                    |  |
| Label Plural                | Interaction Numbers ({res:itgen_interaction_numbers})   |   |                                 |                                    |  |
| Label Plural as Reference   | Interaction Numbers ({res:itgen_interaction_numbers})   |   |                                 |                                    |  |
| Display Order               |   |   |                                 |                                    |  |
| Add Purchase Order          | A001  |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)  |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

**Table Column Details**

**itgen.ian.last\_transaction\_number - last\_transaction\_number**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | last_transaction_number  |                          |                          |                          |
| Definition                  | Number of the last completed transaction. This information can be used to reconstruct complex interactions and changes through time. |                          |                          |                          |
| Example                     | 234  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Last Transaction Number ({res:itgen_last_transaction_number})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_last_transaction_number   |                          |                          |                          |
| Label Plural                | Last Transaction Numbers ({res:itgen_last_transaction_numbers})  |                          |                          |                          |
| Label Plural as Reference   | Last Transaction Numbers ({res:itgen_last_transaction_numbers})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |

**itgen.ian.logon\_code - logon\_code**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | logon_code   |                          |                          |                          |
| Definition                  | The name of the login account used by the user as defined in BUBS_USERS. |                          |                          |                          |
| Example                     | 'system'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(128 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Logon Code ({res:itgen_logon_code})                                      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_logon_code  |                          |                          |                          |
| Label Plural                | Logon Codes ({res:itgen_logon_codes})                                    |                          |                          |                          |
| Label Plural as Reference   | Logon Codes ({res:itgen_logon_codes})                                    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                              |
|--------------------|------|---|
| itgen_interactions | ian  | Interactions ({{res:itgen_interactions}}) |

**Table Column Details**

**itgen.ian.machine - machine**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | machine   |                          |                          |                          |
| Definition                  | Name of the workstation used to access the application. |                          |                          |                          |
| Example                     | ws09.invantive.local                                    |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(128 char)                                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Machine ({{res:itgen_machine}})                         |                          |                          |                          |
| Label Singular as Reference | {res:itgen_machine                                      |                          |                          |                          |
| Label Plural                | Machines ({{res:itgen_machines}})                       |                          |                          |                          |
| Label Plural as Reference   | Machines ({{res:itgen_machines}})                       |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                    |                          |                          |                          |

**itgen.ian.module - module**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | module                              |                          |                          |                          |
| Definition                  | Name of the module installed.       |                          |                          |                          |
| Example                     | All                                 |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(128 char)                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Module ({{res:itgen_module}})       |                          |                          |                          |
| Label Singular as Reference | {res:itgen_module                   |                          |                          |                          |
| Label Plural                | Modules ({{res:itgen_modules}})     |                          |                          |                          |
| Label Plural as Reference   | Modules ({{res:itgen_modules}})     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

**Table Column Details**

**itgen.ian.oracle\_audit\_sessionid - oracle\_audit\_sessionid**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | oracle_audit_sessionid  |                          |                          |                          |
| Definition                  | Auditing serial number of the Oracle session executing this action. |                          |                          |                          |
| Example                     | 234234  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Oracle Audit Session-ID ({res:itgen_oracle_audit_sessionid})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_oracle_audit_sessionid                                   |                          |                          |                          |
| Label Plural                | Oracle Audit Session-IDs ({res:itgen_oracle_audit_sessionids})      |                          |                          |                          |
| Label Plural as Reference   | Oracle Audit Session-IDs ({res:itgen_oracle_audit_sessionids})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.ian.oracle\_sessionid - oracle\_sessionid**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | oracle_sessionid                                   |                          |                          |                          |
| Definition                  | ID of the Oracle session executing this action.    |                          |                          |                          |
| Example                     | 201  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                           |                          |                          |                          |
| Display                     | In Search Filter                                   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                           |                          |                          |                          |
| System Column               | <input type="checkbox"/>                           |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                           |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                           |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                           |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Oracle Session-ID ({res:itgen_oracle_sessionid})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_oracle_sessionid                        |                          |                          |                          |
| Label Plural                | Oracle Session-IDs ({res:itgen_oracle_sessionids}) |                          |                          |                          |
| Label Plural as Reference   | Oracle Session-IDs ({res:itgen_oracle_sessionids}) |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                 |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

**Table Column Details**

**itgen.ian.oracle\_session\_serial - oracle\_session\_serial**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | oracle_session_serial                                       |                          |                          |                          |
| Definition                  | Serial number of the Oracle session executing this action.  |                          |                          |                          |
| Example                     | 135   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                    |                          |                          |                          |
| Display                     | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                             | In Search Filter  | In LOV                   | In Record                | In Search Results        |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Oracle Session Serial ({res:itgen_oracle_session_serial})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_oracle_session_serial                            |                          |                          |                          |
| Label Plural                | Oracle Session Serials ({res:itgen_oracle_session_serials}) |                          |                          |                          |
| Label Plural as Reference   | Oracle Session Serials ({res:itgen_oracle_session_serials}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.ian.query - query**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | query  |                          |                          |                          |
| Definition                  | The query or data manipulation SQL-statement executed. |                          |                          |                          |
| Example                     | select * from itgen_users_v                            |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Display                     | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                             | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Query ({res:itgen_query})                              |                          |                          |                          |
| Label Singular as Reference | {res:itgen_query                                       |                          |                          |                          |
| Label Plural                | Queries ({res:itgen_queries})                          |                          |                          |                          |
| Label Plural as Reference   | Queries ({res:itgen_queries})                          |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

**Table Column Details**

**itgen.ian.request\_url - request\_url**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | request_url                             |                          |                          |                          |
| Definition                  | Absolute URL used.                      |                          |                          |                          |
| Example                     | http://localhost/pbubs/itgen_ian_all.do |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                     |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Request URL ({res:itgen_request_url})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_request_url}                 |                          |                          |                          |
| Label Plural                | Request URLs ({res:itgen_request_urls}) |                          |                          |                          |
| Label Plural as Reference   | Request URLs ({res:itgen_request_urls}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | :orig                                   |                          |                          |                          |

**itgen.ian.sessionid - sessionid**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | sessionid   |                          |                          |                          |
| Definition                  | Unique ID of the session executing the interaction. |                          |                          |                          |
| Example                     | 2346345   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter                                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                            |                          |                          |                          |
| System Column               | <input type="checkbox"/>                            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                            |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Session-ID ({res:itgen_sessionid})                  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_sessionid}                               |                          |                          |                          |
| Label Plural                | Session-IDs ({res:itgen_sessionids})                |                          |                          |                          |
| Label Plural as Reference   | Session-IDs ({res:itgen_sessionids})                |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                |                          |                          |                          |



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| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

**Table Column Details**

**itgen.ian.time - time**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | time  |                          |                          |                          |
| Definition                  | Time of the RDBMS server at which the event occurred. |                          |                          |                          |
| Example                     | January 01, 2005 8:58:34.                             |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   |   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Time ({res:itgen_time})                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_time                                       |                          |                          |                          |
| Label Plural                | Times ({res:itgen_times})                             |                          |                          |                          |
| Label Plural as Reference   | Times ({res:itgen_times})                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, sysdate)                              |                          |                          |                          |

**itgen.ian.time\_cs - time\_cs**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | time_cs  |                          |                          |                          |
| Definition                  | The number of 100th's of a second from some arbitrary epoch. This time is typically used to determine the difference in time between two events. |                          |                          |                          |
| Example                     | 85307  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(30, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Time (cs) ({res:itgen_time_cs})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_time_cs   |                          |                          |                          |
| Label Plural                | Time (cs) ({res:itgen_time_cses})  |                          |                          |                          |
| Label Plural as Reference   | Time (cs) ({res:itgen_time_cses})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |





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**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

**Indexes**

| Name                                     | Create                              | Unique                              |
|--|-------------------------------------|-------------------------------------|
| <a href="#">bubs_ame_nk</a>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_pk</a>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_uk_omschrijving</a> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_uk_orig</a>         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.ian.itgen\_ian\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_ian_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name               | Position | Documentation |
|--------------------|----------|---------------|
| interaction_number | 1        |               |

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## Applications

### itgen - Invantive Producer

## Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_interactions | ian  | Interactions ({res:itgen_interactions}) |

## Attribute Rules

### itgen.ian.ianpre190 - 10 - Mutate (insert/update) - Error

|                          |                                 |
|--------------------------|---------------------------------|
| Code                     | ianpre190                       |
| Event Category           | Mutate (insert/update)          |
| Action Category          | Error                           |
| Action Moment            |                                 |
| Sort Order               | 10                              |
| Autocompleted            | <input type="checkbox"/>        |
| Create                   | <input type="checkbox"/>        |
| Constraint Specification | 1=1                             |
| Action Specification     |                                 |
| User Message             | See package itgen#interactions. |
| Documentation            | See package itgen#interactions. |

### itgen.ian.ianpre191 - 10 - Mutate (insert/update) - Error

|                          |                                 |
|--------------------------|---------------------------------|
| Code                     | ianpre191                       |
| Event Category           | Mutate (insert/update)          |
| Action Category          | Error                           |
| Action Moment            |                                 |
| Sort Order               | 10                              |
| Autocompleted            | <input type="checkbox"/>        |
| Create                   | <input type="checkbox"/>        |
| Constraint Specification | 1=1                             |
| Action Specification     |                                 |
| User Message             | See package itgen#interactions. |
| Documentation            | See package itgen#interactions. |

### itgen.ian.ianpre192 - 10 - Mutate (insert/update) - Error

|                          |                                 |
|--------------------------|---------------------------------|
| Code                     | ianpre192                       |
| Event Category           | Mutate (insert/update)          |
| Action Category          | Error                           |
| Action Moment            |                                 |
| Sort Order               | 10                              |
| Autocompleted            | <input type="checkbox"/>        |
| Create                   | <input type="checkbox"/>        |
| Constraint Specification | 1=1                             |
| Action Specification     |                                 |
| User Message             | See package itgen#interactions. |
| Documentation            | See package itgen#interactions. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_languages | lge  | Languages ({res:itgen_languages}) |

**Table Definition**

**lge - itgen\_languages**

|                                |                                       |
|--------------------------------|---------------------------------------|
| Code                           | lge                                   |
| Name                           | itgen_languages                       |
| Definition                     | Languages supported.                  |
| Example                        | 'en'.                                 |
| Autocompleted                  | <input type="checkbox"/>              |
| Create                         | <input checked="" type="checkbox"/>   |
| Create History                 | <input checked="" type="checkbox"/>   |
| Show History                   | <input checked="" type="checkbox"/>   |
| User May Delete                | <input type="checkbox"/>              |
| User May Insert                | <input type="checkbox"/>              |
| User May Select                | <input type="checkbox"/>              |
| User May Update                | <input type="checkbox"/>              |
| Interface?                     | <input type="checkbox"/>              |
| Derived                        | <input type="checkbox"/>              |
| Default Reference Columns      | id,code,description,usable_in_ui_flag |
| Data Category                  | Seed                                  |
| Label Plural                   | Languages ({res:itgen_languages})     |
| Label Plural when Referenced   | Languages ({res:itgen_languages})     |
| Label Singular                 | Language ({res:itgen_language})       |
| Label Singular when Referenced | Language ({res:itgen_language})       |
| Number of Rows                 |                                       |
| Documentation                  |                                       |



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**Applications****itgen - Invantive Producer****Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_languages | lge  | Languages ({res:itgen_languages}) |

**Table Columns**

| Name                                     | Data Type          | Opt.                     | Label Singular  | Definition  |
|--|--------------------|--------------------------|---|---|
| <a href="#">code</a>                     | varchar2(30 char)  | <input type="checkbox"/> | Code ({res:itgen_code})   | ISO 639-2 coded language name.  |
| <a href="#">description</a>              | varchar2(240 char) | <input type="checkbox"/> | Description ({res:itgen_description})                               | Description of the language.  |
| <a href="#">id</a>                       | number(15, 0)      | <input type="checkbox"/> |   | ?   |
| <a href="#">oracle_nls_date_format</a>   | varchar2(240 char) | <input type="checkbox"/> | Database NLS Date Format ({res:itgen_oracle_nls_date_format})       | Setting for the NLS_DATE_FORMAT variable of Oracle when using this language.        |
| <a href="#">oracle_nls_date_s_format</a> | varchar2(240 char) | <input type="checkbox"/> | Oracle NLS Date Short Format ({res:itgen_oracle_nls_date_s_format}) | Short date format, excluding time.  |
| <a href="#">oracle_nls_date_t_format</a> | varchar2(240 char) | <input type="checkbox"/> | Oracle NLS Date Time Format ({res:itgen_oracle_nls_date_t_format})  | Time format.  |
| <a href="#">oracle_nls_language</a>      | varchar2(240 char) | <input type="checkbox"/> | Database NLS Language ({res:itgen_oracle_nls_language})             | Setting for the NLS_LANGUAGE variable of Oracle when using this language.           |
| <a href="#">oracle_nls_numeric_chars</a> | varchar2(240 char) | <input type="checkbox"/> | {res:itgen_oracle_nls_numeric_chars}                                | Setting for the NLS_NUMERIC_CHARACTERS variable of Oracle when using this language. |
| <a href="#">oracle_nls_territory</a>     | varchar2(240 char) | <input type="checkbox"/> | Database NLS Territory ({res:itgen_oracle_nls_territory})           | Setting for the NLS_TERRITORY variable of Oracle when using this language.          |
| <a href="#">usable_in_ui_flag</a>        | char(1 byte)       | <input type="checkbox"/> | Usable In User Interface ({res:itgen_usable_in_ui_flag})            | Indicator whether the language can be used in the user interface.                   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_languages | lge  | Languages ({res:itgen_languages}) |

**Table Column Details**

**itgen.lge.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | ISO 639-2 coded language name.                      |                          |                          |                          |
| Example                     | 'en' stands for 'English', 'nl' stands for 'Dutch'. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)                                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter                                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                            |                          |                          |                          |
| System Column               | <input type="checkbox"/>                            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                            |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})                             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code                                     |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})                           |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})                           |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                |                          |                          |                          |

**itgen.lge.description - description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | description   |                          |                          |                          |
| Definition                  | Description of the language.                                |                          |                          |                          |
| Example                     | 'en' stands for 'England', 'us' stands for 'United States'. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                    |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})                       |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description                                      |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions})                     |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions})                     |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_languages | lge  | Languages ({res:itgen_languages}) |

**Table Column Details**

**itgen.lge.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |

**itgen.lge.oracle\_nls\_date\_format - oracle\_nls\_date\_format**

|                             |  |   |                                 |                                    |  |
|-----------------------------|--|---|---------------------------------|------------------------------------|--|
| Name                        | oracle_nls_date_format   |   |                                 |                                    |  |
| Definition                  | Setting for the NLS_DATE_FORMAT variable of Oracle when using this language. |   |                                 |                                    |  |
| Example                     | DD-MM-RRRR HH24:MI:SS  |   |                                 |                                    |  |
| Definition for Manual       |  |   |                                 |                                    |  |
| Documentation               |  |   |                                 |                                    |  |
| Data Type                   | varchar2(240 char)   |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>   |   |                                 |                                    |  |
| Display                     |  | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>   |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>  |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>   |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>   |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>   |   |                                 |                                    |  |
| Expression Default Value    |  |   |                                 |                                    |  |
| Label Singular              | Database NLS Date Format ({res:itgen_oracle_nls_date_format})                |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_oracle_nls_date_format  |   |                                 |                                    |  |
| Label Plural                | Database NLS Date Formats ({res:itgen_oracle_nls_date_formats})              |   |                                 |                                    |  |
| Label Plural as Reference   | Database NLS Date Formats ({res:itgen_oracle_nls_date_formats})              |   |                                 |                                    |  |
| Display Order               |  |   |                                 |                                    |  |
| Add Purchase Order          | A001   |   |                                 |                                    |  |
| Conversion                  | coaloesce(:orig, '?')  |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_languages | lge  | Languages ({res:itgen_languages}) |

**Table Column Details**

**itgen.lge.oracle\_nls\_date\_s\_format - oracle\_nls\_date\_s\_format**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | oracle_nls_date_s_format  |                          |                          |                          |
| Definition                  | Short date format, excluding time.                                    |                          |                          |                          |
| Example                     | DD-MM-RRRR  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Oracle NLS Date Short Format ({res:itgen_oracle_nls_date_s_format})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_oracle_nls_date_s_format                                   |                          |                          |                          |
| Label Plural                | Oracle NLS Date Short Formats ({res:itgen_oracle_nls_date_s_formats}) |                          |                          |                          |
| Label Plural as Reference   | Oracle NLS Date Short Formats ({res:itgen_oracle_nls_date_s_formats}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.lge.oracle\_nls\_date\_t\_format - oracle\_nls\_date\_t\_format**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | oracle_nls_date_t_format   |                          |                          |                          |
| Definition                  | Time format.   |                          |                          |                          |
| Example                     | HH24:MI:SS   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Oracle NLS Date Time Format ({res:itgen_oracle_nls_date_t_format})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_oracle_nls_date_t_format                                  |                          |                          |                          |
| Label Plural                | Oracle NLS Date Time Formats ({res:itgen_oracle_nls_date_t_formats}) |                          |                          |                          |
| Label Plural as Reference   | Oracle NLS Date Time Formats ({res:itgen_oracle_nls_date_t_formats}) |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_languages | lge  | Languages ({res:itgen_languages}) |

**Table Column Details**

**itgen.lge.oracle\_nls\_language - oracle\_nls\_language**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | oracle_nls_language   |                          |                          |                          |
| Definition                  | Setting for the NLS_LANGUAGE variable of Oracle when using this language. |                          |                          |                          |
| Example                     | 'DUTCH' will cause Oracle to generate Dutch error messages.               |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Database NLS Language ({res:itgen_oracle_nls_language})                   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_oracle_nls_language  |                          |                          |                          |
| Label Plural                | Oracle NLS Languages ({res:itgen_oracle_nls_languages})                   |                          |                          |                          |
| Label Plural as Reference   | Oracle NLS Languages ({res:itgen_oracle_nls_languages})                   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.lge.oracle\_nls\_numeric\_chars - oracle\_nls\_numeric\_chars**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | oracle_nls_numeric_chars  |                          |                          |                          |
| Definition                  | Setting for the NLS_NUMERIC_CHARACTERS variable of Oracle when using this language. |                          |                          |                          |
| Example                     | '.  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_oracle_nls_numeric_chars}  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_oracle_nls_numeric_chars   |                          |                          |                          |
| Label Plural                | {res:itgen_oracle_nls_numeric_charges}  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_oracle_nls_numeric_charges}  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_languages | lge  | Languages ({res:itgen_languages}) |

**Table Column Details**

**itgen.lge.oracle\_nls\_territory - oracle\_nls\_territory**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | oracle_nls_territory   |                          |                          |                          |
| Definition                  | Setting for the NLS_TERRITORY variable of Oracle when using this language. |                          |                          |                          |
| Example                     | 'THE NETHERLANDS'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Database NLS Territory ({res:itgen_oracle_nls_territory})                  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_oracle_nls_territory  |                          |                          |                          |
| Label Plural                | Oracle NLS Territories ({res:itgen_oracle_nls_territories})                |                          |                          |                          |
| Label Plural as Reference   | Oracle NLS Territories ({res:itgen_oracle_nls_territories})                |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |

**itgen.lge.usable\_in\_ui\_flag - usable\_in\_ui\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | usable_in_ui_flag   |                          |                          |                          |
| Definition                  | Indicator whether the language can be used in the user interface. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Usable In User Interface ({res:itgen_usable_in_ui_flag})          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_usable_in_ui_flag                                      |                          |                          |                          |
| Label Plural                | Usable in User Interface ({res:itgen_usable_in_ui_flags})         |                          |                          |                          |
| Label Plural as Reference   | Usable in User Interface ({res:itgen_usable_in_ui_flags})         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_languages | lge  | Languages ({res:itgen_languages}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.lge.itgen\_lge\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_lge_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| code | 1        |               |

**itgen.lge.itgen\_lge\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_lge_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name            | Code | Label Plural                      |
|-----------------|------|-----------------------------------|
| itgen_languages | lge  | Languages ({res:itgen_languages}) |

**Attribute Rules**

**itgen.lge.atr045 - 20 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr045   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>                                      |
| Constraint Specification | <code>:last.lge_code = lower(:last.lge_code)</code>                      |
| Action Specification     |  |
| User Message             | Correct the code of the language. ({res:itgen_atr045_user_message})      |
| Documentation            | The language code must be lower case. ({res:itgen_atr045_documentation}) |

**itgen.lge.atr143 - 10 - Insert - Action**

|                          |  |
|--------------------------|--|
| Code                     | atr143   |
| Event Category           | Insert   |
| Action Category          | Action   |
| Action Moment            | B  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>                         |
| Create                   | <input checked="" type="checkbox"/>              |
| Constraint Specification | <code>:last.lge_usable_in_ui_flag is null</code> |
| Action Specification     | <code>:last.lge_usable_in_ui_flag := 'N';</code> |
| User Message             |  |
| Documentation            |  |

**Table Contents**

| Natural Key | Field                 | Value  |
|-------------|-----------------------|--|
| ERROR       | TABLE itgen_languages | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | Ice  | Licenses ({res:itgen_licenses}) |

**Table Definition**

Ice - itgen\_licenses

|                                |  |
|--------------------------------|--|
| Code                           | Ice  |
| Name                           | itgen_licenses   |
| Definition                     | License describing the allowed use of Invantive Producer.    |
| Example                        | At most 3 developers may concurrently access the repository. |
| Autocompleted                  | <input type="checkbox"/>                                     |
| Create                         | <input checked="" type="checkbox"/>                          |
| Create History                 | <input checked="" type="checkbox"/>                          |
| Show History                   | <input checked="" type="checkbox"/>                          |
| User May Delete                | <input type="checkbox"/>                                     |
| User May Insert                | <input type="checkbox"/>                                     |
| User May Select                | <input type="checkbox"/>                                     |
| User May Update                | <input type="checkbox"/>                                     |
| Interface?                     | <input type="checkbox"/>                                     |
| Derived                        | <input type="checkbox"/>                                     |
| Default Reference Columns      | id   |
| Data Category                  | Other  |
| Label Plural                   | Licenses ({res:itgen_licenses})                              |
| Label Plural when Referenced   | Licenses ({res:itgen_licenses})                              |
| Label Singular                 | License ({res:itgen_license})                                |
| Label Singular when Referenced | License ({res:itgen_license})                                |
| Number of Rows                 |  |
| Documentation                  |  |

## Applications

## itgen - Invantive Producer

## Tables

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

## Table Columns

| Name                    | Data Type          | Opt.                                | Label Singular  | Definition   |
|-------------------------|--------------------|-------------------------------------|---|--|
| code_license            | varchar2(240 char) | <input type="checkbox"/>            | Code License ({res:itgen_code_license})                                     | Contract code of the license.  |
| date_valid_from         |                    | <input type="checkbox"/>            | Date Valid From ({res:itgen_date_valid_from})                               | Date from which the license is valid.  |
| date_valid_till         |                    | <input type="checkbox"/>            | Date Valid Till ({res:itgen_date_valid_till})                               | Date till which the license is valid.  |
| id                      | number(15, 0)      | <input type="checkbox"/>            |   | ?  |
| key                     | varchar2(240 char) | <input type="checkbox"/>            | Key ({res:itgen_key})   | Key for the license.   |
| location                | varchar2(240 char) | <input type="checkbox"/>            | File Location ({res:itgen_location})  | Location of the installation.  |
| name_database           | varchar2(240 char) | <input type="checkbox"/>            | Name Database ({res:itgen_name_database})                                   | Name of the database of this installation.   |
| name_licensee           | varchar2(240 char) | <input type="checkbox"/>            | Name Licensee ({res:itgen_name_licensee})                                   | Name of the legal entity to which the use license was granted.   |
| name_product            | varchar2(240 char) | <input type="checkbox"/>            | Name Product ({res:itgen_name_product})                                     | Name of the product.   |
| name_schema             | varchar2(240 char) | <input type="checkbox"/>            | Name Schema ({res:itgen_name_schema})                                       | Name of the schema of this installation.   |
| name_system             | varchar2(240 char) | <input type="checkbox"/>            | Name System ({res:itgen_name_system})                                       | Name of the system of this installation.   |
| own_are_max_number      | number(9, 0)       | <input type="checkbox"/>            | Own Attribute Rules Max. Number ({res:itgen_own_are_max_number})            | Maximum number of own attribute rules that can be registered.  |
| own_mde_max_number      | number(9, 0)       | <input type="checkbox"/>            | Own Modules Maximum Number ({res:itgen_own_mde_max_number})                 | Maximum number of own modules that can be registered.  |
| own_tbe_max_number      | number(9, 0)       | <input type="checkbox"/>            | Own Tables Maximum Number ({res:itgen_own_tbe_max_number})                  | Maximum number of own tables that can be registered.   |
| own_tcn_max_number      | number(9, 0)       | <input type="checkbox"/>            | Own Table Columns Maximum Number ({res:itgen_own_tcn_max_number})           | Maximum number of own table columns that can be registered.  |
| own_viw_max_number      | number(9, 0)       | <input type="checkbox"/>            | Own View Maximum Number ({res:itgen_own_viw_max_number})                    | Maximum number of own views that can be registered.  |
| seq                     | number(15, 0)      | <input type="checkbox"/>            | Sequence ({res:itgen_seq})  | Unique numeric code. Generally, the column is introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |
| users_eca_max_number    | number(9, 0)       | <input type="checkbox"/>            | Users Invantive Control Maximum Number ({res:itgen_users_eca_max_number})   | Maximum number of named users that can log on to Invantive Control   |
| users_max_number        | number(9, 0)       | <input type="checkbox"/>            | Users Maximum Number ({res:itgen_users_max_number})                         | Maximum number of named users that can log on to Invantive Producer  |
| users_qt_max_number     | number(9, 0)       | <input type="checkbox"/>            | Users QueryTool Maximum Number ({res:itgen_users_qt_max_number})            | Maximum number of named users that can log on to Invantive Producer Query Tool   |
| users_studio_max_number | number(9, 0)       | <input type="checkbox"/>            | Users Invantive Studio Maximum Number ({res:itgen_users_studio_max_number}) | Maximum number of named users that can log on to Invantive Producer Studio   |
| code_helpdesk           | varchar2(240 char) | <input checked="" type="checkbox"/> | Code Helpdesk ({res:itgen_code_helpdesk})                                   | Support number for the Invantive helpdesk.   |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

#### Table Columns

| Name                                      | Data Type           | Opt.                                | Label Singular   | Definition   |
|---|---------------------|-------------------------------------|--|--|
| <a href="#">db_cpu_max_number</a>         | number(9, 0)        | <input checked="" type="checkbox"/> | Database CPU Maximum Number ({res:itgen_db_cpu_max_number})                        | Maximum number of CPUs to which the database license entitles.             |
| <a href="#">db_helpdesk_number</a>        | varchar2(240 char)  | <input checked="" type="checkbox"/> | Database Helpdesk Number ({res:itgen_db_helpdesk_number})                          | Number of the support number for the database                              |
| <a href="#">db_license_description</a>    | varchar2(240 char)  | <input checked="" type="checkbox"/> | Database License Description ({res:itgen_db_license_description})                  | Description of the database license  |
| <a href="#">db_purchase_order</a>         | varchar2(240 char)  | <input checked="" type="checkbox"/> | Database Purchase Order ({res:itgen_db_purchase_order})                            | Number of the purchase order for the database                              |
| <a href="#">db_users_conc_max_number</a>  | number(9, 0)        | <input checked="" type="checkbox"/> | Maximum Number of Concurrent Database Users ({res:itgen_db_users_conc_max_number}) | Maximum number of concurrent users to which the database license entitles. |
| <a href="#">db_users_named_max_number</a> | number(9, 0)        | <input checked="" type="checkbox"/> | Database Users Named Maximum Number ({res:itgen_db_users_named_max_number})        | Maximum number of named users to which the database license entitles.      |
| <a href="#">documentation</a>             | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})  | Notes on the license.  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.code\_helpdesk - code\_helpdesk**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code_helpdesk                               |                          |                          |                          |
| Definition                  | Support number for the Invantive helpdesk.  |                          |                          |                          |
| Example                     | C508  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                          |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code Helpdesk ({res:itgen_code_helpdesk})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code_helpdesk                    |                          |                          |                          |
| Label Plural                | Code Helpdesks ({res:itgen_code_helpdesks}) |                          |                          |                          |
| Label Plural as Reference   | Code Helpdesks ({res:itgen_code_helpdesks}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.lce.code\_license - code\_license**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code_license                              |                          |                          |                          |
| Definition                  | Contract code of the license.             |                          |                          |                          |
| Example                     | L135                                      |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                        |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                  |                          |                          |                          |
| Display                     | In Search Filter                          | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code License ({res:itgen_code_license})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code_license                   |                          |                          |                          |
| Label Plural                | Code Licenses ({res:itgen_code_licenses}) |                          |                          |                          |
| Label Plural as Reference   | Code Licenses ({res:itgen_code_licenses}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                      |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                      |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.date\_valid\_from - date\_valid\_from**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | date_valid_from                               |                          |                          |                          |
| Definition                  | Date from which the license is valid.         |                          |                          |                          |
| Example                     | Yesterday.                                    |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   |   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                      |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Date Valid From ({res:itgen_date_valid_from}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_date_valid_from                    |                          |                          |                          |
| Label Plural                | {res:itgen_date_valid_froms}                  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_date_valid_froms}                  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, sysdate)                      |                          |                          |                          |

**itgen.lce.date\_valid\_till - date\_valid\_till**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | date_valid_till                               |                          |                          |                          |
| Definition                  | Date till which the license is valid.         |                          |                          |                          |
| Example                     | Next year.                                    |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   |   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                      |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Date Valid Till ({res:itgen_date_valid_till}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_date_valid_till                    |                          |                          |                          |
| Label Plural                | {res:itgen_date_valid_tills}                  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_date_valid_tills}                  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, sysdate)                      |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.db\_cpu\_max\_number - db\_cpu\_max\_number**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | db_cpu_max_number  |                          |                          |                          |
| Definition                  | Maximum number of CPUs to which the database license entitles. |                          |                          |                          |
| Example                     | 1  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(9, 0)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Database CPU Maximum Number ({res:itgen_db_cpu_max_number})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_db_cpu_max_number                                   |                          |                          |                          |
| Label Plural                | {res:itgen_db_cpu_max_numbers}                                 |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_db_cpu_max_numbers}                                 |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.lce.db\_helpdesk\_number - db\_helpdesk\_number**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | db_helpdesk_number  |                          |                          |                          |
| Definition                  | Number of the support number for the database               |                          |                          |                          |
| Example                     | 1391234   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Database Helpdesk Number ({res:itgen_db_helpdesk_number})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_db_helpdesk_number                               |                          |                          |                          |
| Label Plural                | Database Helpdesk Numbers ({res:itgen_db_helpdesk_numbers}) |                          |                          |                          |
| Label Plural as Reference   | Database Helpdesk Numbers ({res:itgen_db_helpdesk_numbers}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.db\_license\_description - db\_license\_description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | db_license_description  |                          |                          |                          |
| Definition                  | Description of the database license                                 |                          |                          |                          |
| Example                     | Standard Edition One, 1 CPU   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Database License Description ({res:itgen_db_license_description})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_db_license_description                                   |                          |                          |                          |
| Label Plural                | Database License Descriptions ({res:itgen_db_license_descriptions}) |                          |                          |                          |
| Label Plural as Reference   | Database License Descriptions ({res:itgen_db_license_descriptions}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.lce.db\_purchase\_order - db\_purchase\_order**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | db_purchase_order   |                          |                          |                          |
| Definition                  | Number of the purchase order for the database             |                          |                          |                          |
| Example                     | PO 173431   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Database Purchase Order ({res:itgen_db_purchase_order})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_db_purchase_order                              |                          |                          |                          |
| Label Plural                | Database Purchase Orders ({res:itgen_db_purchase_orders}) |                          |                          |                          |
| Label Plural as Reference   | Database Purchase Orders ({res:itgen_db_purchase_orders}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

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| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.db\_users\_conc\_max\_number - db\_users\_conc\_max\_number**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | db_users_conc_max_number   |                          |                          |                          |
| Definition                  | Maximum number of concurrent users to which the database license entitles.         |                          |                          |                          |
| Example                     | 10000  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(9, 0)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Maximum Number of Concurrent Database Users ({res:itgen_db_users_conc_max_number}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_db_users_conc_max_number  |                          |                          |                          |
| Label Plural                | {res:itgen_db_users_conc_max_numbers}  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_db_users_conc_max_numbers}  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.lce.db\_users\_named\_max\_number - db\_users\_named\_max\_number**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | db_users_named_max_number   |                          |                          |                          |
| Definition                  | Maximum number of named users to which the database license entitles.       |                          |                          |                          |
| Example                     | 10  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(9, 0)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Database Users Named Maximum Number ({res:itgen_db_users_named_max_number}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_db_users_named_max_number  |                          |                          |                          |
| Label Plural                | {res:itgen_db_users_named_max_numbers}                                      |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_db_users_named_max_numbers}                                      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**itgen - Invantive Producer**

**Tables**

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| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                               |                          |                          |                          |
| Definition                  | Notes on the license.                       |                          |                          |                          |
| Example                     | Installed on Friday, September 12th, 2004.  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                    |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.lce.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**itgen - Invantive Producer**

**Tables**

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| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.key - key**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | key                                 |                          |                          |                          |
| Definition                  | Key for the license.                |                          |                          |                          |
| Example                     | 1234-5678-ABCD                      |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(240 char)                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Key ({res:itgen_key})               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_key                      |                          |                          |                          |
| Label Plural                | Keys ({res:itgen_keys})             |                          |                          |                          |
| Label Plural as Reference   | Keys ({res:itgen_keys})             |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')               |                          |                          |                          |

**itgen.lce.location - location**

|                             |                                      |                          |                          |                          |
|-----------------------------|--------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | location                             |                          |                          |                          |
| Definition                  | Location of the installation.        |                          |                          |                          |
| Example                     | Amsterdam                            |                          |                          |                          |
| Definition for Manual       |                                      |                          |                          |                          |
| Documentation               |                                      |                          |                          |                          |
| Data Type                   | varchar2(240 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>             |                          |                          |                          |
| Display                     | In Search Filter                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>             |                          |                          |                          |
| System Column               | <input type="checkbox"/>             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>             |                          |                          |                          |
| Expression Default Value    |                                      |                          |                          |                          |
| Label Singular              | File Location ({res:itgen_location}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_location                  |                          |                          |                          |
| Label Plural                | Locations ({res:itgen_locations})    |                          |                          |                          |
| Label Plural as Reference   | Locations ({res:itgen_locations})    |                          |                          |                          |
| Display Order               |                                      |                          |                          |                          |
| Add Purchase Order          | A001                                 |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                |                          |                          |                          |



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Tables

| Name           | Code | Label Plural                    |
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| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

Table Column Details

itgen.lce.name\_database - name\_database

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | name_database                               |                          |                          |                          |
| Definition                  | Name of the database of this installation.  |                          |                          |                          |
| Example                     | ORCL  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                          |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Name Database ({res:itgen_name_database})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name_database                    |                          |                          |                          |
| Label Plural                | Name Databases ({res:itgen_name_databases}) |                          |                          |                          |
| Label Plural as Reference   | Name Databases ({res:itgen_name_databases}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                       |                          |                          |                          |

itgen.lce.name\_licensee - name\_licensee

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | name_licensee  |                          |                          |                          |
| Definition                  | Name of the legal entity to which the use license was granted. |                          |                          |                          |
| Example                     | Acme Corp.   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                       |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Name Licensee ({res:itgen_name_licensee})                      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name_licensee                                       |                          |                          |                          |
| Label Plural                | {res:itgen_name_licensees}                                     |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_name_licensees}                                     |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')  |                          |                          |                          |



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**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.name\_product - name\_product**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | name_product                              |                          |                          |                          |
| Definition                  | Name of the product.                      |                          |                          |                          |
| Example                     | Invantive Producer                        |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                        |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                  |                          |                          |                          |
| Display                     | In Search Filter                          | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Name Product ({res:itgen_name_product})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name_product                   |                          |                          |                          |
| Label Plural                | Name Products ({res:itgen_name_products}) |                          |                          |                          |
| Label Plural as Reference   | Name Products ({res:itgen_name_products}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                      |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                      |                          |                          |                          |

**itgen.lce.name\_schema - name\_schema**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | name_schema                              |                          |                          |                          |
| Definition                  | Name of the schema of this installation. |                          |                          |                          |
| Example                     | PBUBS                                    |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                 |                          |                          |                          |
| Display                     | In Search Filter                         | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Name Schema ({res:itgen_name_schema})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name_schema                   |                          |                          |                          |
| Label Plural                | Name Schemas ({res:itgen_name_schemas})  |                          |                          |                          |
| Label Plural as Reference   | Name Schemas ({res:itgen_name_schemas})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001                                     |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                     |                          |                          |                          |



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**Tables**

| Name           | Code | Label Plural                    |
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| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.name\_system - name\_system**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | name_system                                |                          |                          |                          |
| Definition                  | Name of the system of this installation.   |                          |                          |                          |
| Example                     | pwrserv                                    |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)                         |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                   |                          |                          |                          |
| Display                     | In Search Filter                           | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                   |                          |                          |                          |
| System Column               | <input type="checkbox"/>                   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>        |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Name System ({res:itgen_name_system})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name_system                     |                          |                          |                          |
| Label Plural                | Name of Systems ({res:itgen_name_systems}) |                          |                          |                          |
| Label Plural as Reference   | Name of Systems ({res:itgen_name_systems}) |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001                                       |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                       |                          |                          |                          |

**itgen.lce.own\_are\_max\_number - own\_are\_max\_number**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | own_are_max_number   |                          |                          |                          |
| Definition                  | Maximum number of own attribute rules that can be registered.    |                          |                          |                          |
| Example                     | 1000   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(9, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Own Attribute Rules Max. Number ({res:itgen_own_are_max_number}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_own_are_max_number                                    |                          |                          |                          |
| Label Plural                | {res:itgen_own_are_max_numbers}                                  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_own_are_max_numbers}                                  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.own\_mde\_max\_number - own\_mde\_max\_number**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | own_mde_max_number  |                          |                          |                          |
| Definition                  | Maximum number of own modules that can be registered.       |                          |                          |                          |
| Example                     | 0   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(9, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                    |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Own Modules Maximum Number ({res:itgen_own_mde_max_number}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_own_mde_max_number                               |                          |                          |                          |
| Label Plural                | {res:itgen_own_mde_max_numbers}                             |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_own_mde_max_numbers}                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.lce.own\_tbe\_max\_number - own\_tbe\_max\_number**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | own_tbe_max_number   |                          |                          |                          |
| Definition                  | Maximum number of own tables that can be registered.       |                          |                          |                          |
| Example                     | 1000   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(9, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                   |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                        |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Own Tables Maximum Number ({res:itgen_own_tbe_max_number}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_own_tbe_max_number                              |                          |                          |                          |
| Label Plural                | {res:itgen_own_tbe_max_numbers}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_own_tbe_max_numbers}                            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.own\_tcn\_max\_number - own\_tcn\_max\_number**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | own_tcn_max_number  |                          |                          |                          |
| Definition                  | Maximum number of own table columns that can be registered.       |                          |                          |                          |
| Example                     | 0   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(9, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Own Table Columns Maximum Number ({res:itgen_own_tcn_max_number}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_own_tcn_max_number                                     |                          |                          |                          |
| Label Plural                | {res:itgen_own_tcn_max_numbers}                                   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_own_tcn_max_numbers}                                   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.lce.own\_viw\_max\_number - own\_viw\_max\_number**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | own_viw_max_number                                       |                          |                          |                          |
| Definition                  | Maximum number of own views that can be registered.      |                          |                          |                          |
| Example                     | 1000   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(9, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                 |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Own View Maximum Number ({res:itgen_own_viw_max_number}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_own_viw_max_number                            |                          |                          |                          |
| Label Plural                | {res:itgen_own_viw_max_numbers}                          |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_own_viw_max_numbers}                          |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                       |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.seq - seq**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | seq  |                          |                          |                          |
| Definition                  | Unique numeric code. Generally, the column is introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |                          |                          |                          |
| Example                     | 1  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Sequence ({res:itgen_seq})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_seq   |                          |                          |                          |
| Label Plural                | Sequences ({res:itgen_seqs})   |                          |                          |                          |
| Label Plural as Reference   | Sequences ({res:itgen_seqs})   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |

**itgen.lce.users\_eca\_max\_number - users\_eca\_max\_number**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | users_eca_max_number  |                          |                          |                          |
| Definition                  | Maximum number of named users that can log on to Invantive Control        |                          |                          |                          |
| Example                     | 50  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(9, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Users Invantive Control Maximum Number ({res:itgen_users_eca_max_number}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_users_eca_max_number   |                          |                          |                          |
| Label Plural                | {res:itgen_users_eca_max_numbers}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_users_eca_max_numbers}   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.users\_max\_number - users\_max\_number**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | users_max_number  |                          |                          |                          |
| Definition                  | Maximum number of named users that can log on to Invantive Producer |                          |                          |                          |
| Example                     | 1000000   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(9, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Users Maximum Number ({res:itgen_users_max_number})                 |                          |                          |                          |
| Label Singular as Reference | {res:itgen_users_max_number   |                          |                          |                          |
| Label Plural                | {res:itgen_users_max_numbers}                                       |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_users_max_numbers}                                       |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.lce.users\_qt\_max\_number - users\_qt\_max\_number**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | users_qt_max_number  |                          |                          |                          |
| Definition                  | Maximum number of named users that can log on to Invantive Producer Query Tool |                          |                          |                          |
| Example                     | 100  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(9, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Users QueryTool Maximum Number ({res:itgen_users_qt_max_number})               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_users_qt_max_number   |                          |                          |                          |
| Label Plural                | {res:itgen_users_qt_max_numbers}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_users_qt_max_numbers}   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Table Column Details**

**itgen.lce.users\_studio\_max\_number - users\_studio\_max\_number**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | users_studio_max_number   |                          |                          |                          |
| Definition                  | Maximum number of named users that can log on to Invantive Producer Studio  |                          |                          |                          |
| Example                     | 5   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(9, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Users Invantive Studio Maximum Number ({res:itgen_users_studio_max_number}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_users_studio_max_number  |                          |                          |                          |
| Label Plural                | {res:itgen_users_studio_max_numbers}  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_users_studio_max_numbers}  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
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| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.lce.itgen\_lce\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_lce_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| seq  | 1        |               |

**itgen.lce.itgen\_lce\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_lce_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |



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**Applications**

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**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_licenses | lce  | Licenses ({res:itgen_licenses}) |

**Attribute Rules**

**itgen.lce.atr119 - 10 - Mutate (insert/update) - Action**

|                          |   |
|--------------------------|---|
| Code                     | atr119  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Action  |
| Action Moment            | B   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>                               |
| Constraint Specification | 1=1   |
| Action Specification     | :last.lce_seq := 1;   |
| User Message             |   |
| Documentation            | Checks if there is only one license by making the license code 1. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                      |
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| itgen_logging | lgg  | Loggings ({{res:itgen_loggings}}) |

**Table Definition**

lgg - itgen\_logging

|                                |   |
|--------------------------------|---|
| Code                           | lgg                                       |
| Name                           | itgen_logging                             |
| Definition                     | Logging messages from Invantive products. |
| Example                        | Server error 12000 occurred.              |
| Autocompleted                  | <input type="checkbox"/>                  |
| Create                         | <input checked="" type="checkbox"/>       |
| Create History                 | <input type="checkbox"/>                  |
| Show History                   | <input type="checkbox"/>                  |
| User May Delete                | <input type="checkbox"/>                  |
| User May Insert                | <input type="checkbox"/>                  |
| User May Select                | <input type="checkbox"/>                  |
| User May Update                | <input type="checkbox"/>                  |
| Interface?                     | <input type="checkbox"/>                  |
| Derived                        | <input type="checkbox"/>                  |
| Default Reference Columns      | id,seq                                    |
| Data Category                  | Transaction                               |
| Label Plural                   | Loggings ({{res:itgen_loggings}})         |
| Label Plural when Referenced   | Loggings ({{res:itgen_loggings}})         |
| Label Singular                 | Logging ({{res:itgen_logging}})           |
| Label Singular when Referenced | Logging ({{res:itgen_logging}})           |
| Number of Rows                 |   |
| Documentation                  |   |



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## Applications

### itgen - Invantive Producer

#### Tables

| Name          | Code | Label Plural                    |
|---------------|------|---------------------------------|
| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

#### Table Columns

| Name                     | Data Type           | Opt.                                | Label Singular  | Definition   |
|--------------------------|---------------------|-------------------------------------|---|--|
| acknowledged_flag        | char(1 byte)        | <input type="checkbox"/>            | Acknowledged ({res:itgen_acknowledged_flag})                    | Indicator whether the logging message has been acknowledged and should be excluded for remote monitoring.  |
| caller_database          | varchar2(200 char)  | <input type="checkbox"/>            | Caller Database ({res:itgen_caller_database})                   | The database.  |
| caller_logon_time        |                     | <input type="checkbox"/>            | Caller Logon Time ({res:itgen_caller_logon_time})               | The logon time of the database session.  |
| caller_sid               | number(10, 0)       | <input type="checkbox"/>            | Caller SID ({res:itgen_caller_sid})                             | The SID of the database session  |
| caller_user              | varchar2(30 char)   | <input type="checkbox"/>            | Caller User ({res:itgen_caller_user})                           | The calling database user  |
| forwarded_flag           | char(1 byte)        | <input type="checkbox"/>            | Forwarded ({res:itgen_forwarded_flag})                          | Indicator whether the logging message had been forwarded to the Invantive dealer for remote monitoring.  |
| id                       | number(15, 0)       | <input type="checkbox"/>            |   | ?  |
| lvl                      | char(1 byte)        | <input type="checkbox"/>            | Level ({res:itgen_lvl})   | The level of severity (D)ebug,(W)arning,(E)rror,(A)udit of the log entry   |
| seq                      | number(15, 0)       | <input type="checkbox"/>            | Sequence ({res:itgen_seq})                                      | Unique numeric code. Generally, the column is introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |
| site                     | varchar2(250 char)  | <input type="checkbox"/>            | Site ({res:itgen_site})   | Site running the application.  |
| activated_roles          | varchar2(200 char)  | <input checked="" type="checkbox"/> | Activated Roles ({res:itgen_activated_roles})                   | List of activated database roles.  |
| caller_action            | varchar2(250 char)  | <input checked="" type="checkbox"/> | Caller Action ({res:itgen_caller_action})                       | The calling action   |
| caller_appl_user         | varchar2(30 char)   | <input checked="" type="checkbox"/> | Caller Application User ({res:itgen_caller_appl_user})          | Logon code within the application of the user that triggered the logging action.   |
| caller_audsid            | number(10, 0)       | <input checked="" type="checkbox"/> | Caller Auditing SID ({res:itgen_caller_audsid})                 | Audit SID of the database session.   |
| caller_client_charset    | varchar2(200 char)  | <input checked="" type="checkbox"/> | Caller Client Character Set ({res:itgen_caller_client_charset}) | The character set of the database session.   |
| caller_client_driver     | varchar2(200 char)  | <input checked="" type="checkbox"/> | Caller Client Driver ({res:itgen_caller_client_driver})         | The client-side driver of the database session.  |
| caller_client_identifier | varchar2(200 char)  | <input checked="" type="checkbox"/> | Caller Client Identifier ({res:itgen_caller_client_identifier}) | The identifier on the client-side of the database session.   |
| caller_client_info       | varchar2(250 char)  | <input checked="" type="checkbox"/> | Caller Client Info ({res:itgen_caller_client_info})             | The calling client info  |
| caller_client_version    | varchar2(200 char)  | <input checked="" type="checkbox"/> | Caller Client Version ({res:itgen_caller_client_version})       | The version of the client-side driver of the database session.   |
| caller_context           | varchar2(4000 char) | <input checked="" type="checkbox"/> | Caller Context ({res:itgen_caller_context})                     | Value of context variables in the database.  |
| caller_event             | varchar2(200 char)  | <input checked="" type="checkbox"/> | Caller Event ({res:itgen_caller_event})                         | The event of the database session.   |
| caller_language          | varchar2(200 char)  | <input checked="" type="checkbox"/> | Caller Language ({res:itgen_caller_language})                   | The language of the database session.  |
| caller_machine           | varchar2(250 char)  | <input checked="" type="checkbox"/> | Caller Machine ({res:itgen_caller_machine})                     | The calling machine  |
| caller_module            | varchar2(250 char)  | <input checked="" type="checkbox"/> | Caller Module ({res:itgen_caller_module})                       | The calling module   |
| caller_os_user           | varchar2(60 char)   | <input checked="" type="checkbox"/> | Caller OS User ({res:itgen_caller_os_user})                     | The calling operating system user  |
| caller_port              | number(5, 0)        | <input checked="" type="checkbox"/> | Caller Port ({res:itgen_caller_port})                           | The port of the database session.  |
| caller_process           | varchar2(200 char)  | <input checked="" type="checkbox"/> | Caller Process ({res:itgen_caller_process})                     | The OS process of the client-side process.   |
| caller_program           | varchar2(200 char)  | <input checked="" type="checkbox"/> | Caller Program ({res:itgen_caller_program})                     | The program of the client-side process.  |
| caller_stack             | varchar2(4000 char) | <input checked="" type="checkbox"/> | Caller Stack ({res:itgen_caller_stack})                         | The call trace of the log entry  |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name          | Code | Label Plural                    |
|---------------|------|---------------------------------|
| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

#### Table Columns

| Name                          | Data Type           | Opt.                                | Label Singular                            | Definition   |
|-------------------------------|---------------------|-------------------------------------|---|--|
| <a href="#">gui_action</a>    | varchar2(250 char)  | <input checked="" type="checkbox"/> | GUI Action ({res:itgen_gui_action})       | Action executed by the GUI.  |
| <a href="#">gui_context</a>   | varchar2(4000 char) | <input checked="" type="checkbox"/> | GUI Context ({res:itgen_gui_context})     | Context of the graphical user interface.   |
| <a href="#">gui_machine</a>   | varchar2(250 char)  | <input checked="" type="checkbox"/> | GUI Machine ({res:itgen_gui_machine})     | Name of the machine which runs the GUI.  |
| <a href="#">gui_module</a>    | varchar2(250 char)  | <input checked="" type="checkbox"/> | GUI Module ({res:itgen_gui_module})       | Module of the GUI  |
| <a href="#">gui_os_user</a>   | varchar2(60 char)   | <input checked="" type="checkbox"/> | GUI OS User ({res:itgen_gui_os_user})     | User on the OS.  |
| <a href="#">last_nk</a>       | varchar2(1000 char) | <input checked="" type="checkbox"/> | Last Natural Key ({res:itgen_last_nk})    | Natural key of the object that was involved in this message. See also ref_table and ref_key as an alternative, since last_nk can change. |
| <a href="#">message_code</a>  | varchar2(250 char)  | <input checked="" type="checkbox"/> | Message Code ({res:itgen_message_code})   | Database message code  |
| <a href="#">ref_key</a>       | number(15, 0)       | <input checked="" type="checkbox"/> | Referential Key ({res:itgen_ref_key})     | ID of the object to which the message is associated.   |
| <a href="#">ref_table</a>     | varchar2(30 char)   | <input checked="" type="checkbox"/> | Referential Table ({res:itgen_ref_table}) | Table alias of the table containing the object associated with.  |
| <a href="#">sql_statement</a> | varchar2(4000 char) | <input checked="" type="checkbox"/> | SQL Statement ({res:itgen_sql_statement}) | SQL statement that caused the logging to take place.   |
| <a href="#">txt</a>           | varchar2(4000 char) | <input checked="" type="checkbox"/> | Text ({res:itgen_txt})                    | Text of the log entry.   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                    |
|---------------|------|---------------------------------|
| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.acknowledged\_flag - acknowledged\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | acknowledged_flag   |                          |                          |                          |
| Definition                  | Indicator whether the logging message has been acknowledged and should be excluded for remote monitoring. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Acknowledged ({res:itgen_acknowledged_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_acknowledged_flag  |                          |                          |                          |
| Label Plural                | Acknowledged ({res:itgen_acknowledged_flags})   |                          |                          |                          |
| Label Plural as Reference   | Acknowledged ({res:itgen_acknowledged_flags})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')   |                          |                          |                          |

**itgen.lgg.activated\_roles - activated\_roles**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | activated_roles                               |                          |                          |                          |
| Definition                  | List of activated database roles.             |                          |                          |                          |
| Example                     | PBUBS_WEB_RES, PBUBS_WEB_RES_DFLT             |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(200 char)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Activated Roles ({res:itgen_activated_roles}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_activated_roles                    |                          |                          |                          |
| Label Plural                | {res:itgen_activated_rolases}                 |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_activated_rolases}                 |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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| Name          | Code | Label Plural                    |
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| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.caller\_action - caller\_action**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_action                               |                          |                          |                          |
| Definition                  | The calling action                          |                          |                          |                          |
| Example                     | count()                                     |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(250 char)                          |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Action ({res:itgen_caller_action})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_action                    |                          |                          |                          |
| Label Plural                | Caller Actions ({res:itgen_caller_actions}) |                          |                          |                          |
| Label Plural as Reference   | Caller Actions ({res:itgen_caller_actions}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.lgg.caller\_appl\_user - caller\_appl\_user**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | caller_appl_user   |                          |                          |                          |
| Definition                  | Logon code within the application of the user that triggered the logging action. |                          |                          |                          |
| Example                     | g.leenders   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Caller Application User ({res:itgen_caller_appl_user})                           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_appl_user  |                          |                          |                          |
| Label Plural                | Caller Application Users ({res:itgen_caller_appl_users})                         |                          |                          |                          |
| Label Plural as Reference   | Caller Application Users ({res:itgen_caller_appl_users})                         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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| itgen_logging | lgg  | Loggings ({{res:itgen_loggings}}) |

**Table Column Details**

**itgen.lgg.caller\_audsid - caller\_audsid**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_audsid                                       |                          |                          |                          |
| Definition                  | Audit SID of the database session.                  |                          |                          |                          |
| Example                     | 1553  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(10, 0)                                       |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Display                     | In Search Filter                                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                            |                          |                          |                          |
| System Column               | <input type="checkbox"/>                            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                            |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Auditing SID ({{res:itgen_caller_audsid}})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_audsid                            |                          |                          |                          |
| Label Plural                | Caller Auditing SIDs ({{res:itgen_caller_audsids}}) |                          |                          |                          |
| Label Plural as Reference   | Caller Auditing SIDs ({{res:itgen_caller_audsids}}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.lgg.caller\_client\_charset - caller\_client\_charset**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_client_charset   |                          |                          |                          |
| Definition                  | The character set of the database session.                          |                          |                          |                          |
| Example                     | AL32UTF8  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(200 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Client Character Set ({{res:itgen_caller_client_charset}})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_client_charset                                    |                          |                          |                          |
| Label Plural                | Caller Client Character Sets ({{res:itgen_caller_client_charsets}}) |                          |                          |                          |
| Label Plural as Reference   | Caller Client Character Sets ({{res:itgen_caller_client_charsets}}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
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| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.caller\_client\_driver - caller\_client\_driver**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_client_driver                                      |                          |                          |                          |
| Definition                  | The client-side driver of the database session.           |                          |                          |                          |
| Example                     | jdbcthin  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(200 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Client Driver ({res:itgen_caller_client_driver})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_client_driver                           |                          |                          |                          |
| Label Plural                | Caller Client Drivers ({res:itgen_caller_client_drivers}) |                          |                          |                          |
| Label Plural as Reference   | Caller Client Drivers ({res:itgen_caller_client_drivers}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.lgg.caller\_client\_identifier - caller\_client\_identifier**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_client_identifier  |                          |                          |                          |
| Definition                  | The identifier on the client-side of the database session.        |                          |                          |                          |
| Example                     | Invantive Estate JDBC   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(200 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Client Identifier ({res:itgen_caller_client_identifier})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_client_identifier                               |                          |                          |                          |
| Label Plural                | Caller Client Identifiers ({res:itgen_caller_client_identifiers}) |                          |                          |                          |
| Label Plural as Reference   | Caller Client Identifiers ({res:itgen_caller_client_identifiers}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.caller\_client\_info - caller\_client\_info**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_client_info                                    |                          |                          |                          |
| Definition                  | The calling client info                               |                          |                          |                          |
| Example                     | QBUBS   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(250 char)                                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Client Info ({res:itgen_caller_client_info})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_client_info                         |                          |                          |                          |
| Label Plural                | Caller Client Infos ({res:itgen_caller_client_infos}) |                          |                          |                          |
| Label Plural as Reference   | Caller Client Infos ({res:itgen_caller_client_infos}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.lgg.caller\_client\_version - caller\_client\_version**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | caller_client_version  |                          |                          |                          |
| Definition                  | The version of the client-side driver of the database session. |                          |                          |                          |
| Example                     | 11.1.0.7.0   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(200 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Caller Client Version ({res:itgen_caller_client_version})      |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_client_version                               |                          |                          |                          |
| Label Plural                | Caller Client Versions ({res:itgen_caller_client_versions})    |                          |                          |                          |
| Label Plural as Reference   | Caller Client Versions ({res:itgen_caller_client_versions})    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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| itgen_logging | lgg  | Loggings ({{res:itgen_loggings}}) |

**Table Column Details**

**itgen.lgg.caller\_context - caller\_context**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_context                                  |                          |                          |                          |
| Definition                  | Value of context variables in the database.     |                          |                          |                          |
| Example                     | A: VAL, B:VAL                                   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                             |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>             |                          |                          |                          |
| Display                     | In Search Filter                                | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                        |                          |                          |                          |
| System Column               | <input type="checkbox"/>                        |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                        |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                        |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                        |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Context ({{res:itgen_caller_context}})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_context                       |                          |                          |                          |
| Label Plural                | Caller Contexts ({{res:itgen_caller_contexts}}) |                          |                          |                          |
| Label Plural as Reference   | Caller Contexts ({{res:itgen_caller_contexts}}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.lgg.caller\_database - caller\_database**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_database                                   |                          |                          |                          |
| Definition                  | The database.                                     |                          |                          |                          |
| Example                     | ORCL11R2.INVANTIVE.LOCAL                          |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(200 char)                                |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter                                  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                          |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Database ({{res:itgen_caller_database}})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_database                        |                          |                          |                          |
| Label Plural                | Caller Databases ({{res:itgen_caller_databases}}) |                          |                          |                          |
| Label Plural as Reference   | Caller Databases ({{res:itgen_caller_databases}}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                              |                          |                          |                          |





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| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.caller\_event - caller\_event**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_event                              |                          |                          |                          |
| Definition                  | The event of the database session.        |                          |                          |                          |
| Example                     | db file sequential read                   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(200 char)                        |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Display                     | In Search Filter                          | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Event ({res:itgen_caller_event})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_event                   |                          |                          |                          |
| Label Plural                | Caller Events ({res:itgen_caller_events}) |                          |                          |                          |
| Label Plural as Reference   | Caller Events ({res:itgen_caller_events}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                      |                          |                          |                          |
| Conversion                  | :orig                                     |                          |                          |                          |

**itgen.lgg.caller\_language - caller\_language**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_language                                 |                          |                          |                          |
| Definition                  | The language of the database session.           |                          |                          |                          |
| Example                     | QBUBS_WEB                                       |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(200 char)                              |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>             |                          |                          |                          |
| Display                     | In Search Filter                                | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                        |                          |                          |                          |
| System Column               | <input type="checkbox"/>                        |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                        |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                        |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                        |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Language ({res:itgen_caller_language})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_language                      |                          |                          |                          |
| Label Plural                | Caller Languages ({res:itgen_caller_languages}) |                          |                          |                          |
| Label Plural as Reference   | Caller Languages ({res:itgen_caller_languages}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.caller\_logon\_time - caller\_logon\_time**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_logon_time                                   |                          |                          |                          |
| Definition                  | The logon time of the database session.             |                          |                          |                          |
| Example                     | Now.  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   |   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter                                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                            |                          |                          |                          |
| System Column               | <input type="checkbox"/>                            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                            |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Logon Time ({res:itgen_caller_logon_time})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_logon_time                        |                          |                          |                          |
| Label Plural                | Caller Logon Times ({res:itgen_caller_logon_times}) |                          |                          |                          |
| Label Plural as Reference   | Caller Logon Times ({res:itgen_caller_logon_times}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, sysdate)                            |                          |                          |                          |

**itgen.lgg.caller\_machine - caller\_machine**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_machine                                |                          |                          |                          |
| Definition                  | The calling machine                           |                          |                          |                          |
| Example                     | server1.site.local                            |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(250 char)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Machine ({res:itgen_caller_machine})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_machine                     |                          |                          |                          |
| Label Plural                | Caller Machines ({res:itgen_caller_machines}) |                          |                          |                          |
| Label Plural as Reference   | Caller Machines ({res:itgen_caller_machines}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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| Name          | Code | Label Plural                    |
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| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.caller\_module - caller\_module**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_module                               |                          |                          |                          |
| Definition                  | The calling module                          |                          |                          |                          |
| Example                     | itgen_mle_all                               |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(250 char)                          |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Module ({res:itgen_caller_module})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_module                    |                          |                          |                          |
| Label Plural                | Caller Modules ({res:itgen_caller_modules}) |                          |                          |                          |
| Label Plural as Reference   | Caller Modules ({res:itgen_caller_modules}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.lgg.caller\_os\_user - caller\_os\_user**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_os_user                                |                          |                          |                          |
| Definition                  | The calling operating system user             |                          |                          |                          |
| Example                     | root  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(60 char)                             |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller OS User ({res:itgen_caller_os_user})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_os_user                     |                          |                          |                          |
| Label Plural                | Caller OS Users ({res:itgen_caller_os_users}) |                          |                          |                          |
| Label Plural as Reference   | Caller OS Users ({res:itgen_caller_os_users}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**itgen - Invantive Producer**

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**Table Column Details**

**itgen.lgg.caller\_port - caller\_port**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_port                             |                          |                          |                          |
| Definition                  | The port of the database session.       |                          |                          |                          |
| Example                     | 45521                                   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(5, 0)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Port ({res:itgen_caller_port})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_port                  |                          |                          |                          |
| Label Plural                | Caller Ports ({res:itgen_caller_ports}) |                          |                          |                          |
| Label Plural as Reference   | Caller Ports ({res:itgen_caller_ports}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | :orig                                   |                          |                          |                          |

**itgen.lgg.caller\_process - caller\_process**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_process                                  |                          |                          |                          |
| Definition                  | The OS process of the client-side process.      |                          |                          |                          |
| Example                     | 111:2345  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(200 char)                              |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>             |                          |                          |                          |
| Display                     | In Search Filter                                | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                        |                          |                          |                          |
| System Column               | <input type="checkbox"/>                        |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                        |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                        |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                        |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Process ({res:itgen_caller_process})     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_process                       |                          |                          |                          |
| Label Plural                | Caller Processes ({res:itgen_caller_processes}) |                          |                          |                          |
| Label Plural as Reference   | Caller Processes ({res:itgen_caller_processes}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Table Column Details**

**itgen.lgg.caller\_program - caller\_program**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_program                                |                          |                          |                          |
| Definition                  | The program of the client-side process.       |                          |                          |                          |
| Example                     | w3wp.exe                                      |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(200 char)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Program ({res:itgen_caller_program})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_program                     |                          |                          |                          |
| Label Plural                | Caller Programs ({res:itgen_caller_programs}) |                          |                          |                          |
| Label Plural as Reference   | Caller Programs ({res:itgen_caller_programs}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.lgg.caller\_sid - caller\_sid**

|                             |                                       |                          |                          |                          |
|-----------------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | caller_sid                            |                          |                          |                          |
| Definition                  | The SID of the database session       |                          |                          |                          |
| Example                     | 1232                                  |                          |                          |                          |
| Definition for Manual       |                                       |                          |                          |                          |
| Documentation               |                                       |                          |                          |                          |
| Data Type                   | number(10, 0)                         |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>              |                          |                          |                          |
| Display                     | In Search Filter                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>              |                          |                          |                          |
| System Column               | <input type="checkbox"/>              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>              |                          |                          |                          |
| Expression Default Value    |                                       |                          |                          |                          |
| Label Singular              | Caller SID ({res:itgen_caller_sid})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_sid                 |                          |                          |                          |
| Label Plural                | Caller SIDs ({res:itgen_caller_sids}) |                          |                          |                          |
| Label Plural as Reference   | Caller SIDs ({res:itgen_caller_sids}) |                          |                          |                          |
| Display Order               |                                       |                          |                          |                          |
| Add Purchase Order          | A001                                  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                    |                          |                          |                          |



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**Table Column Details**

**itgen.lgg.caller\_stack - caller\_stack**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_stack  |                          |                          |                          |
| Definition                  | The call trace of the log entry   |                          |                          |                          |
| Example                     | 0xcab95930 1371 package body QBUBS.BUBS#BACKGROUND_JOBS 0xcab95930 1449 package body QBUBS.BUBS#BACKGROUND_JOBS 0xcaab57b8 133 package body QBUBS.BUBS#BACKGROUND_JOBS_P 0xddae1588 3 anonymous block |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller Stack ({res:itgen_caller_stack})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_stack   |                          |                          |                          |
| Label Plural                | Caller Stacks ({res:itgen_caller_stacks})   |                          |                          |                          |
| Label Plural as Reference   | Caller Stacks ({res:itgen_caller_stacks})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.lgg.caller\_user - caller\_user**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | caller_user                             |                          |                          |                          |
| Definition                  | The calling database user               |                          |                          |                          |
| Example                     | QBUBS_WEB                               |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Caller User ({res:itgen_caller_user})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_caller_user                  |                          |                          |                          |
| Label Plural                | Caller Users ({res:itgen_caller_users}) |                          |                          |                          |
| Label Plural as Reference   | Caller Users ({res:itgen_caller_users}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                    |                          |                          |                          |



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| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.forwarded\_flag - forwarded\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | forwarded_flag  |                          |                          |                          |
| Definition                  | Indicator whether the logging message had been forwarded to the Invantive dealer for remote monitoring. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Forwarded ({res:itgen_forwarded_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_forwarded_flag   |                          |                          |                          |
| Label Plural                | Forwarded ({res:itgen_forwarded_flags})   |                          |                          |                          |
| Label Plural as Reference   | Forwarded ({res:itgen_forwarded_flags})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')   |                          |                          |                          |

**itgen.lgg.gui\_action - gui\_action**

|                             |                                       |                          |                          |                          |
|-----------------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | gui_action                            |                          |                          |                          |
| Definition                  | Action executed by the GUI.           |                          |                          |                          |
| Example                     | 'Hibernate Scheduler Postbus 4'       |                          |                          |                          |
| Definition for Manual       |                                       |                          |                          |                          |
| Documentation               |                                       |                          |                          |                          |
| Data Type                   | varchar2(250 char)                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>              |                          |                          |                          |
| System Column               | <input type="checkbox"/>              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>              |                          |                          |                          |
| Expression Default Value    |                                       |                          |                          |                          |
| Label Singular              | GUI Action ({res:itgen_gui_action})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_gui_action                 |                          |                          |                          |
| Label Plural                | GUI Actions ({res:itgen_gui_actions}) |                          |                          |                          |
| Label Plural as Reference   | GUI Actions ({res:itgen_gui_actions}) |                          |                          |                          |
| Display Order               |                                       |                          |                          |                          |
| Add Purchase Order          | A001                                  |                          |                          |                          |
| Conversion                  | :orig                                 |                          |                          |                          |



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**Table Column Details**

**itgen.lgg.gui\_context - gui\_context**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | gui_context  |                          |                          |                          |
| Definition                  | Context of the graphical user interface.   |                          |                          |                          |
| Example                     | 'Invantive.Data.ValidationException: Name ", Error ", Request 'Menugroep is verplicht. Voer een waarde in' |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | GUI Context ({res:itgen_gui_context})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_gui_context   |                          |                          |                          |
| Label Plural                | GUI Contexts ({res:itgen_gui_contexts})  |                          |                          |                          |
| Label Plural as Reference   | GUI Contexts ({res:itgen_gui_contexts})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.lgg.gui\_machine - gui\_machine**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | gui_machine                             |                          |                          |                          |
| Definition                  | Name of the machine which runs the GUI. |                          |                          |                          |
| Example                     | ws86.invantive.local                    |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(250 char)                      |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | GUI Machine ({res:itgen_gui_machine})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_gui_machine                  |                          |                          |                          |
| Label Plural                | GUI Machines ({res:itgen_gui_machines}) |                          |                          |                          |
| Label Plural as Reference   | GUI Machines ({res:itgen_gui_machines}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | :orig                                   |                          |                          |                          |





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**Table Column Details**

**itgen.lgg.gui\_module - gui\_module**

|                             |                                       |                          |                          |                          |
|-----------------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | gui_module                            |                          |                          |                          |
| Definition                  | Module of the GUI                     |                          |                          |                          |
| Example                     | 'bubs_gbr_all'                        |                          |                          |                          |
| Definition for Manual       |                                       |                          |                          |                          |
| Documentation               |                                       |                          |                          |                          |
| Data Type                   | varchar2(250 char)                    |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>              |                          |                          |                          |
| System Column               | <input type="checkbox"/>              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>              |                          |                          |                          |
| Expression Default Value    |                                       |                          |                          |                          |
| Label Singular              | GUI Module ({res:itgen_gui_module})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_gui_module                 |                          |                          |                          |
| Label Plural                | GUI Modules ({res:itgen_gui_modules}) |                          |                          |                          |
| Label Plural as Reference   | GUI Modules ({res:itgen_gui_modules}) |                          |                          |                          |
| Display Order               |                                       |                          |                          |                          |
| Add Purchase Order          | A001                                  |                          |                          |                          |
| Conversion                  | :orig                                 |                          |                          |                          |

**itgen.lgg.gui\_os\_user - gui\_os\_user**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | gui_os_user                             |                          |                          |                          |
| Definition                  | User on the OS.                         |                          |                          |                          |
| Example                     | INVANTIVE\gle3                          |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(60 char)                       |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | GUI OS User ({res:itgen_gui_os_user})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_gui_os_user                  |                          |                          |                          |
| Label Plural                | GUI OS Users ({res:itgen_gui_os_users}) |                          |                          |                          |
| Label Plural as Reference   | GUI OS Users ({res:itgen_gui_os_users}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | :orig                                   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                    |
|---------------|------|---------------------------------|
| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.id - id**

|                             |                                     |                          |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |                          |
| Display                     |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |                          |

**itgen.lgg.last\_nk - last\_nk**

|                             |  |                          |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | last_nk  |                          |                          |                          |                          |
| Definition                  | Natural key of the object that was involved in this message. See also ref_table and ref_key as an alternative, since last_nk can change. |                          |                          |                          |                          |
| Example                     | Plein  |                          |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |                          |
| Documentation               |  |                          |                          |                          |                          |
| Data Type                   | varchar2(1000 char)  |                          |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |                          |
| Display                     |  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |                          |
| Label Singular              | Last Natural Key ({res:itgen_last_nk})   |                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_last_nk}  |                          |                          |                          |                          |
| Label Plural                | Last Natural Keys ({res:itgen_last_nks})   |                          |                          |                          |                          |
| Label Plural as Reference   | Last Natural Keys ({res:itgen_last_nks})   |                          |                          |                          |                          |
| Display Order               |  |                          |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                    |
|---------------|------|---------------------------------|
| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.lvl - lvl**

|                             |  |   |                                 |                                    |  |
|-----------------------------|--|---|---------------------------------|------------------------------------|--|
| Name                        | lvl  |   |                                 |                                    |  |
| Definition                  | The level of severity (D)ebug,(W)arning,(E)rror,(A)udit of the log entry |   |                                 |                                    |  |
| Example                     | 'D'  |   |                                 |                                    |  |
| Definition for Manual       |  |   |                                 |                                    |  |
| Documentation               |  |   |                                 |                                    |  |
| Data Type                   | char(1 byte)   |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>   |   |                                 |                                    |  |
| Display                     |  | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>   |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>                                      |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>   |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>   |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>   |   |                                 |                                    |  |
| Expression Default Value    |  |   |                                 |                                    |  |
| Label Singular              | Level ({res:itgen_lvl})  |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_lvl}  |   |                                 |                                    |  |
| Label Plural                | Levels ({res:itgen_lvls})  |   |                                 |                                    |  |
| Label Plural as Reference   | Levels ({res:itgen_lvls})  |   |                                 |                                    |  |
| Display Order               |  |   |                                 |                                    |  |
| Add Purchase Order          | A001   |   |                                 |                                    |  |
| Conversion                  | coaloesce(:orig, '?')  |   |                                 |                                    |  |

**itgen.lgg.message\_code - message\_code**

|                             |   |   |                                 |                                    |  |
|-----------------------------|---|---|---------------------------------|------------------------------------|--|
| Name                        | message_code                              |   |                                 |                                    |  |
| Definition                  | Database message code                     |   |                                 |                                    |  |
| Example                     | ORA-20163                                 |   |                                 |                                    |  |
| Definition for Manual       |   |   |                                 |                                    |  |
| Documentation               |   |   |                                 |                                    |  |
| Data Type                   | varchar2(250 char)                        |   |                                 |                                    |  |
| Nullable                    | <input checked="" type="checkbox"/>       |   |                                 |                                    |  |
| Display                     |   | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                  |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>                  |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>       |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>                  |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>                  |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>                  |   |                                 |                                    |  |
| Expression Default Value    |   |   |                                 |                                    |  |
| Label Singular              | Message Code ({res:itgen_message_code})   |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_message_code}                  |   |                                 |                                    |  |
| Label Plural                | Message Codes ({res:itgen_message_codes}) |   |                                 |                                    |  |
| Label Plural as Reference   | Message Codes ({res:itgen_message_codes}) |   |                                 |                                    |  |
| Display Order               |   |   |                                 |                                    |  |
| Add Purchase Order          | A001                                      |   |                                 |                                    |  |
| Conversion                  | :orig                                     |   |                                 |                                    |  |



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**itgen - Invantive Producer**

**Tables**

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| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.ref\_key - ref\_key**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | ref_key  |                          |                          |                          |
| Definition                  | ID of the object to which the message is associated. |                          |                          |                          |
| Example                     | 23434  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Referential Key ({res:itgen_ref_key})                |                          |                          |                          |
| Label Singular as Reference | {res:itgen_ref_key                                   |                          |                          |                          |
| Label Plural                | Referential Keys ({res:itgen_ref_keys})              |                          |                          |                          |
| Label Plural as Reference   | Referential Keys ({res:itgen_ref_keys})              |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.lgg.ref\_table - ref\_table**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | ref_table  |                          |                          |                          |
| Definition                  | Table alias of the table containing the object associated with.  |                          |                          |                          |
| Example                     | The alias PJT refers to a project registered in BUBS_PROJECTEN and the alias KPS refers to a budget registered in BUBS_KOSTENPLAATSEN. |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Referential Table ({res:itgen_ref_table})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_ref_table   |                          |                          |                          |
| Label Plural                | Referential Tables ({res:itgen_ref_tables})  |                          |                          |                          |
| Label Plural as Reference   | Referential Tables ({res:itgen_ref_tables})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                    |
|---------------|------|---------------------------------|
| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.seq - seq**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | seq  |                          |                          |                          |
| Definition                  | Unique numeric code. Generally, the column is introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |                          |                          |                          |
| Example                     | 1  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Sequence ({res:itgen_seq})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_seq   |                          |                          |                          |
| Label Plural                | Sequences ({res:itgen_seqs})   |                          |                          |                          |
| Label Plural as Reference   | Sequences ({res:itgen_seqs})   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |

**itgen.lgg.site - site**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | site                                |                          |                          |                          |
| Definition                  | Site running the application.       |                          |                          |                          |
| Example                     | 'itgen-ws86-prd11r2-QBUBS'          |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(250 char)                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Site ({res:itgen_site})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_site                     |                          |                          |                          |
| Label Plural                | Sites ({res:itgen_sites})           |                          |                          |                          |
| Label Plural as Reference   | Sites ({res:itgen_sites})           |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')               |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                    |
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| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Table Column Details**

**itgen.lgg.sql\_statement - sql\_statement**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | sql_statement   |                          |                          |                          |
| Definition                  | SQL statement that caused the logging to take place.          |                          |                          |                          |
| Example                     | update bubs_taken_v set tss_code='New' where tak_code='12345' |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | SQL Statement ({res:itgen_sql_statement})                     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_sql_statement                                      |                          |                          |                          |
| Label Plural                | SQL Statements ({res:itgen_sql_statements})                   |                          |                          |                          |
| Label Plural as Reference   | SQL Statements ({res:itgen_sql_statements})                   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.lgg.txt - txt**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | txt  |                          |                          |                          |
| Definition                  | Text of the log entry.   |                          |                          |                          |
| Example                     | bubs#background_jobs: created document with ID 6174621 with resulting size -1 bytes and checksum . Filename is job_3310226_output.txt. |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Text ({res:itgen_txt})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_txt   |                          |                          |                          |
| Label Plural                | Texts ({res:itgen_txts})   |                          |                          |                          |
| Label Plural as Reference   | Texts ({res:itgen_txts})   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

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|---------------|------|---------------------------------|
| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.lgg.itgen\_lgg\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_lgg_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| seq  | 1        |               |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name          | Code | Label Plural                    |
|---------------|------|---------------------------------|
| itgen_logging | lgg  | Loggings ({res:itgen_loggings}) |

#### Attribute Rules

##### itgen.lgg.atr128 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr128   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>:last.lgg_ref_table is null or :last.lgg_ref_table = upper(:last.lgg_ref_table)</code>   |
| Action Specification     |  |
| User Message             | Correct the alias of the referenced table. ({res:itgen_atr128_user_message})                   |
| Documentation            | The table alias of the referenced table must be upper case. ({res:itgen_atr128_documentation}) |

##### itgen.lgg.dft120 - 10 - Insert - Action

|                          |   |
|--------------------------|---|
| Code                     | dft120  |
| Event Category           | Insert  |
| Action Category          | Action  |
| Action Moment            | B   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>                                |
| Create                   | <input checked="" type="checkbox"/>                     |
| Constraint Specification | <code>:new.lgg_forwarded_flag is null</code>            |
| Action Specification     | <code>:new.lgg_forwarded_flag := 'N';</code>            |
| User Message             |   |
| Documentation            | The forwarded flag is defaulted to 'N' if not provided. |

##### itgen.lgg.dft121 - 20 - Insert - Action

|                          |   |
|--------------------------|---|
| Code                     | dft121  |
| Event Category           | Insert  |
| Action Category          | Action  |
| Action Moment            | B   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>                          |
| Create                   | <input checked="" type="checkbox"/>               |
| Constraint Specification | <code>:new.lgg_site is null</code>                |
| Action Specification     | <code>:new.lgg_site := 'local';</code>            |
| User Message             |   |
| Documentation            | The site is defaulted to 'local' if not provided. |

##### itgen.lgg.dft122 - 30 - Insert - Action

|                          |   |
|--------------------------|---|
| Code                     | dft122  |
| Event Category           | Insert  |
| Action Category          | Action  |
| Action Moment            | B   |
| Sort Order               | 30  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>                                   |
| Constraint Specification | <code>coalesce(:new.lgg_seq, -1) &lt;&gt; :new.lgg_id</code>          |
| Action Specification     | <code>:new.lgg_seq := :new.lgg_id;</code>                             |
| User Message             |   |
| Documentation            | The sequence column of the natural key is set to the value of the ID. |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural                                      |
|--------------------------|------|---|
| itgen_lov_atn_category_r | lay  | Action Categories ({res:itgen_action_categories}) |

**Table Definition**

lay - itgen\_lov\_atn\_category\_r

|                                |  |
|--------------------------------|--|
| Code                           | lay  |
| Name                           | itgen_lov_atn_category_r                                   |
| Definition                     | A discrete list of types of actions for an attribute rule. |
| Example                        | The action 'E' is a check of a constraint.                 |
| Autocompleted                  | <input type="checkbox"/>                                   |
| Create                         | <input type="checkbox"/>                                   |
| Create History                 | <input type="checkbox"/>                                   |
| Show History                   | <input type="checkbox"/>                                   |
| User May Delete                | <input type="checkbox"/>                                   |
| User May Insert                | <input type="checkbox"/>                                   |
| User May Select                | <input type="checkbox"/>                                   |
| User May Update                | <input type="checkbox"/>                                   |
| Interface?                     | <input type="checkbox"/>                                   |
| Derived                        | <input type="checkbox"/>                                   |
| Default Reference Columns      | code,label   |
| Data Category                  | Seed   |
| Label Plural                   | Action Categories ({res:itgen_action_categories})          |
| Label Plural when Referenced   | Action Categories ({res:itgen_action_categories})          |
| Label Singular                 | Action Category ({res:itgen_action_category})              |
| Label Singular when Referenced | Action Category ({res:itgen_action_category})              |
| Number of Rows                 |  |
| Documentation                  |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural                                      |
|--------------------------|------|---|
| itgen_lov_atn_category_r | lay  | Action Categories ({res:itgen_action_categories}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Table Contents**

| Natural Key | Field                          | Value  |
|-------------|--------------------------------|--|
| ERROR       | TABLE itgen_lov_atn_category_r | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                |
|------------------------|------|---|
| itgen_lov_atn_moment_r | lat  | Action Moments ({res:itgen_action_moments}) |

**Table Definition**

**lat - itgen\_lov\_atn\_moment\_r**

|                                |   |
|--------------------------------|---|
| Code                           | lat   |
| Name                           | itgen_lov_atn_moment_r  |
| Definition                     | A discrete list of types of moments of an action for an attribute rule.         |
| Example                        | An action with action moment 'A' will execute after the actual database change. |
| Autocompleted                  | <input type="checkbox"/>  |
| Create                         | <input type="checkbox"/>  |
| Create History                 | <input type="checkbox"/>  |
| Show History                   | <input type="checkbox"/>  |
| User May Delete                | <input type="checkbox"/>  |
| User May Insert                | <input type="checkbox"/>  |
| User May Select                | <input type="checkbox"/>  |
| User May Update                | <input type="checkbox"/>  |
| Interface?                     | <input type="checkbox"/>  |
| Derived                        | <input type="checkbox"/>  |
| Default Reference Columns      | code,label  |
| Data Category                  | Seed  |
| Label Plural                   | Action Moments ({res:itgen_action_moments})                                     |
| Label Plural when Referenced   | Action Moments ({res:itgen_action_moments})                                     |
| Label Singular                 | Action Moment ({res:itgen_action_moment})                                       |
| Label Singular when Referenced | Action Moment ({res:itgen_action_moment})                                       |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                |
|------------------------|------|---|
| itgen_lov_atn_moment_r | lat  | Action Moments ({res:itgen_action_moments}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Table Contents**

| Natural Key | Field                        | Value  |
|-------------|------------------------------|--|
| ERROR       | TABLE itgen_lov_atn_moment_r | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                      | Code | Label Plural                                  |
|---------------------------|------|---|
| itgen_lov_data_category_r | ldy  | Data Categories ({res:itgen_data_categories}) |

**Table Definition**

**ldy - itgen\_lov\_data\_category\_r**

|                                |   |
|--------------------------------|---|
| Code                           | ldy   |
| Name                           | itgen_lov_data_category_r                               |
| Definition                     | A discrete list of types of data categories for tables. |
| Example                        | The data category 'T' stands for 'Transactions'.        |
| Autocompleted                  | <input type="checkbox"/>                                |
| Create                         | <input type="checkbox"/>                                |
| Create History                 | <input type="checkbox"/>                                |
| Show History                   | <input type="checkbox"/>                                |
| User May Delete                | <input type="checkbox"/>                                |
| User May Insert                | <input type="checkbox"/>                                |
| User May Select                | <input type="checkbox"/>                                |
| User May Update                | <input type="checkbox"/>                                |
| Interface?                     | <input type="checkbox"/>                                |
| Derived                        | <input type="checkbox"/>                                |
| Default Reference Columns      | code,label  |
| Data Category                  | Seed  |
| Label Plural                   | Data Categories ({res:itgen_data_categories})           |
| Label Plural when Referenced   | Data Categories ({res:itgen_data_categories})           |
| Label Singular                 | Data Category ({res:itgen_data_category})               |
| Label Singular when Referenced | Data Category ({res:itgen_data_category})               |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                      | Code | Label Plural                                  |
|---------------------------|------|---|
| itgen_lov_data_category_r | ldy  | Data Categories ({res:itgen_data_categories}) |

**Indexes**

| Name                                     | Create                              | Unique                              |
|--|-------------------------------------|-------------------------------------|
| <a href="#">bubs_ame_nk</a>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_pk</a>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_uk_omschrijving</a> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_uk_orig</a>         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Table Contents**

| Natural Key | Field | Value  |
|-------------|-------|--|
| ERROR       | TABLE | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                    | Code | Label Plural  |
|-------------------------|------|---|
| itgen_lov_delete_rule_r | Ide  | Delete Rule Categories ({res:itgen_delete_rule_categories}) |

**Table Definition**

**Ide - itgen\_lov\_delete\_rule\_r**

|                                |   |
|--------------------------------|---|
| Code                           | Ide   |
| Name                           | itgen_lov_delete_rule_r   |
| Definition                     | A discrete list of types of delete rules for referential constraints. |
| Example                        | The delete rule 'C' stands for 'cascade'.                             |
| Autocompleted                  | <input type="checkbox"/>  |
| Create                         | <input type="checkbox"/>  |
| Create History                 | <input type="checkbox"/>  |
| Show History                   | <input type="checkbox"/>  |
| User May Delete                | <input type="checkbox"/>  |
| User May Insert                | <input type="checkbox"/>  |
| User May Select                | <input type="checkbox"/>  |
| User May Update                | <input type="checkbox"/>  |
| Interface?                     | <input type="checkbox"/>  |
| Derived                        | <input type="checkbox"/>  |
| Default Reference Columns      | code,label  |
| Data Category                  | Seed  |
| Label Plural                   | Delete Rule Categories ({res:itgen_delete_rule_categories})           |
| Label Plural when Referenced   | Delete Rule Categories ({res:itgen_delete_rule_categories})           |
| Label Singular                 | Delete Rule Category ({res:itgen_delete_rule_category})               |
| Label Singular when Referenced | Delete Rule Category ({res:itgen_delete_rule_category})               |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                    | Code | Label Plural  |
|-------------------------|------|---|
| itgen_lov_delete_rule_r | Ide  | Delete Rule Categories ({res:itgen_delete_rule_categories}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Table Contents**

| Natural Key | Field                         | Value  |
|-------------|-------------------------------|--|
| ERROR       | TABLE itgen_lov_delete_rule_r | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural                                    |
|--------------------------|------|---|
| itgen_lov_evt_category_r | ley  | Event Categories ({res:itgen_event_categories}) |

**Table Definition**

**ley - itgen\_lov\_evt\_category\_r**

|                                |   |
|--------------------------------|---|
| Code                           | ley   |
| Name                           | itgen_lov_evt_category_r                                  |
| Definition                     | A discrete list of types of events for an attribute rule. |
| Example                        | The event 'M' is a mutation (insert or update).           |
| Autocompleted                  | <input type="checkbox"/>                                  |
| Create                         | <input type="checkbox"/>                                  |
| Create History                 | <input type="checkbox"/>                                  |
| Show History                   | <input type="checkbox"/>                                  |
| User May Delete                | <input type="checkbox"/>                                  |
| User May Insert                | <input type="checkbox"/>                                  |
| User May Select                | <input type="checkbox"/>                                  |
| User May Update                | <input type="checkbox"/>                                  |
| Interface?                     | <input type="checkbox"/>                                  |
| Derived                        | <input type="checkbox"/>                                  |
| Default Reference Columns      | code,label  |
| Data Category                  | Seed  |
| Label Plural                   | Event Categories ({res:itgen_event_categories})           |
| Label Plural when Referenced   | Event Categories ({res:itgen_event_categories})           |
| Label Singular                 | Event Category ({res:itgen_event_category})               |
| Label Singular when Referenced | Event Category ({res:itgen_event_category})               |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

itgen - Invantive Producer

**Tables**

| Name                     | Code | Label Plural                                    |
|--------------------------|------|---|
| itgen_lov_evt_category_r | ley  | Event Categories ({res:itgen_event_categories}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Table Contents**

| Natural Key | Field                          | Value  |
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| ERROR       | TABLE itgen_lov_evt_category_r | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_module_languages | mle  | Module Languages ({res:itgen_module_languages}) |

**Table Definition**

mle - itgen\_module\_languages

|                                |   |
|--------------------------------|---|
| Code                           | mle   |
| Name                           | itgen_module_languages                          |
| Definition                     | Target languages of modules.                    |
| Example                        | Oracle PL/SQL.                                  |
| Autocompleted                  | <input type="checkbox"/>                        |
| Create                         | <input checked="" type="checkbox"/>             |
| Create History                 | <input checked="" type="checkbox"/>             |
| Show History                   | <input checked="" type="checkbox"/>             |
| User May Delete                | <input type="checkbox"/>                        |
| User May Insert                | <input type="checkbox"/>                        |
| User May Select                | <input type="checkbox"/>                        |
| User May Update                | <input type="checkbox"/>                        |
| Interface?                     | <input type="checkbox"/>                        |
| Derived                        | <input type="checkbox"/>                        |
| Default Reference Columns      | id,code,description                             |
| Data Category                  | Transaction                                     |
| Label Plural                   | Module Languages ({res:itgen_module_languages}) |
| Label Plural when Referenced   | Module Languages ({res:itgen_module_languages}) |
| Label Singular                 | Module Language ({res:itgen_module_language})   |
| Label Singular when Referenced | Module Language ({res:itgen_module_language})   |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                      |
|------------------------|------|---|
| itgen_module_languages | mle  | Module Languages ({{res:itgen_module_languages}}) |

**Table Columns**

| Name                          | Data Type           | Opt.                                | Label Singular                              | Definition  |
|-------------------------------|---------------------|-------------------------------------|---|---|
| <a href="#">code</a>          | varchar2(60 char)   | <input type="checkbox"/>            | Code ({{res:itgen_code}})                   | Unique alphanumeric code.   |
| <a href="#">description</a>   | varchar2(240 char)  | <input type="checkbox"/>            | Description ({{res:itgen_description}})     | Description in natural language for display on reports and screens. |
| <a href="#">id</a>            | number(15, 0)       | <input type="checkbox"/>            |   | ?   |
| <a href="#">documentation</a> | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({{res:itgen_documentation}}) | Documentation on the language.                                      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_module_languages | mle  | Module Languages ({res:itgen_module_languages}) |

**Table Column Details**

**itgen.mle.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(60 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code   |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.mle.description - description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | description   |                          |                          |                          |
| Definition                  | Description in natural language for display on reports and screens. |                          |                          |                          |
| Example                     | None.   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description  |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_module_languages | mle  | Module Languages ({res:itgen_module_languages}) |

**Table Column Details**

**itgen.mle.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                               |                          |                          |                          |
| Definition                  | Documentation on the language.              |                          |                          |                          |
| Example                     | Using only versions above 5.8               |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                    |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.mle.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                   | Code | Label Plural                                    |
|------------------------|------|---|
| itgen_module_languages | mle  | Module Languages ({res:itgen_module_languages}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.mle.itgen\_mle\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_mle_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| code | 1        |               |

**itgen.mle.itgen\_mle\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_mle_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_modules | mde  | Modules ({res:itgen_modules}) |

**Table Definition**

**mde - itgen\_modules**

|                                |  |
|--------------------------------|--|
| Code                           | mde  |
| Name                           | itgen_modules  |
| Definition                     | Modules (code objects) of the application.                   |
| Example                        | Module VraagKredietAan provides a request form for a credit. |
| Autocompleted                  | <input type="checkbox"/>                                     |
| Create                         | <input checked="" type="checkbox"/>                          |
| Create History                 | <input checked="" type="checkbox"/>                          |
| Show History                   | <input checked="" type="checkbox"/>                          |
| User May Delete                | <input type="checkbox"/>                                     |
| User May Insert                | <input type="checkbox"/>                                     |
| User May Select                | <input type="checkbox"/>                                     |
| User May Update                | <input type="checkbox"/>                                     |
| Interface?                     | <input type="checkbox"/>                                     |
| Derived                        | <input type="checkbox"/>                                     |
| Default Reference Columns      | id,code,description  |
| Data Category                  | Transaction  |
| Label Plural                   | Modules ({res:itgen_modules})                                |
| Label Plural when Referenced   | Modules ({res:itgen_modules})                                |
| Label Singular                 | Module ({res:itgen_module})                                  |
| Label Singular when Referenced | Module ({res:itgen_module})                                  |
| Number of Rows                 |  |
| Documentation                  |  |





## Applications

### itgen - Invantive Producer

#### Tables

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_modules | mde  | Modules ({res:itgen_modules}) |

#### Table Columns

| Name               | Data Type           | Opt.                                | Label Singular                                 | Definition   |
|--------------------|---------------------|-------------------------------------|--|--|
| apn_id             | number(15, 0)       | <input type="checkbox"/>            | Application ID ({res:itgen_apn_id})            | Reference to an application registered in ITGEN_APPLICATIONS.                                    |
| autocompleted_flag | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag}) | Indicator whether this row was added by autocomplete.  |
| code               | varchar2(60 char)   | <input type="checkbox"/>            | Code ({res:itgen_code})                        | Unique alphanumeric code.  |
| create_flag        | char(1 byte)        | <input type="checkbox"/>            | Create ({res:itgen_create_flag})               | Indicator whether the module will be created   |
| description        | varchar2(240 char)  | <input type="checkbox"/>            | Description ({res:itgen_description})          | Description in natural language for display on reports and screens.                              |
| id                 | number(15, 0)       | <input type="checkbox"/>            |  | ?  |
| mle_id             | number(15, 0)       | <input type="checkbox"/>            | {res:itgen_mle_id}                             | Reference to a module language registered in ITGEN_MODULE_LANGUAGES.                             |
| definition         | varchar2(4000 char) | <input checked="" type="checkbox"/> | Definition ({res:itgen_definition})            | Definition of the functionality.   |
| documentation      | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})      | Documentation on the module.   |
| legacy_name        | varchar2(240 char)  | <input checked="" type="checkbox"/> | Legacy Name ({res:itgen_legacy_name})          | Original name of the module in a legacy system from which it was migrated to Invantive Producer. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_modules | mde  | Modules ({res:itgen_modules}) |

**Table Column Details**

**itgen.mde.apn\_id - apn\_id**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | apn_id  |                          |                          |                          |
| Definition                  | Reference to an application registered in ITGEN_APPLICATIONS. |                          |                          |                          |
| Example                     | 3   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                      |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Application ID ({res:itgen_apn_id})                           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_apn_id}  |                          |                          |                          |
| Label Plural                | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Label Plural as Reference   | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.mde.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag}                        |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_modules | mde  | Modules ({res:itgen_modules}) |

**Table Column Details**

**itgen.mde.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(60 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code   |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.mde.create\_flag - create\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | create_flag                                  |                          |                          |                          |
| Definition                  | Indicator whether the module will be created |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)                                 |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                     |                          |                          |                          |
| Display                     | In Search Filter                             | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Create ({res:itgen_create_flag})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_create_flag                       |                          |                          |                          |
| Label Plural                | Creates ({res:itgen_create_flags})           |                          |                          |                          |
| Label Plural as Reference   | Creates ({res:itgen_create_flags})           |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                         |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_modules | mde  | Modules ({res:itgen_modules}) |

**Table Column Details**

**itgen.mde.definition - definition**

|                             |                                       |                          |                          |                          |
|-----------------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | definition                            |                          |                          |                          |
| Definition                  | Definition of the functionality.      |                          |                          |                          |
| Example                     | 'Create and view projects.'           |                          |                          |                          |
| Definition for Manual       |                                       |                          |                          |                          |
| Documentation               |                                       |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>              |                          |                          |                          |
| System Column               | <input type="checkbox"/>              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>              |                          |                          |                          |
| Expression Default Value    |                                       |                          |                          |                          |
| Label Singular              | Definition ({res:itgen_definition})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_definition                 |                          |                          |                          |
| Label Plural                | Definitions ({res:itgen_definitions}) |                          |                          |                          |
| Label Plural as Reference   | Definitions ({res:itgen_definitions}) |                          |                          |                          |
| Display Order               |                                       |                          |                          |                          |
| Add Purchase Order          | A001                                  |                          |                          |                          |
| Conversion                  | :orig                                 |                          |                          |                          |

**itgen.mde.description - description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | description   |                          |                          |                          |
| Definition                  | Description in natural language for display on reports and screens. |                          |                          |                          |
| Example                     | None.   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description  |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_modules | mde  | Modules ({res:itgen_modules}) |

**Table Column Details**

**itgen.mde.documentation - documentation**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | documentation  |                          |                          |                          |
| Definition                  | Documentation on the module.   |                          |                          |                          |
| Example                     | 'This form can be used to work with projects. Projects can be either sub projects, master projects or independent projects.' |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation   |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.mde.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



Settings: system, EUR, Year, Current situation  
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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_modules | mde  | Modules ({res:itgen_modules}) |

**Table Column Details**

**itgen.mde.legacy\_name - legacy\_name**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | legacy_name  |                          |                          |                          |
| Definition                  | Original name of the module in a legacy system from which it was migrated to Invantive Producer. |                          |                          |                          |
| Example                     | MDE111   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Legacy Name ({res:itgen_legacy_name})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_legacy_name   |                          |                          |                          |
| Label Plural                | Legacy Names ({res:itgen_legacy_names})  |                          |                          |                          |
| Label Plural as Reference   | Legacy Names ({res:itgen_legacy_names})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.mde.mle\_id - mle\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | mle_id   |                          |                          |                          |
| Definition                  | Reference to a module language registered in ITGEN_MODULE_LANGUAGES. |                          |                          |                          |
| Example                     | 3  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_mle_id}   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_mle_id  |                          |                          |                          |
| Label Plural                | {res:itgen_mle_ids}  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_mle_ids}  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name          | Code | Label Plural                  |
|---------------|------|-------------------------------|
| itgen_modules | mde  | Modules ({res:itgen_modules}) |

#### Indexes

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.mde.itgen\_mde\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_mde_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| apn_id | 1        |               |
| code   | 2        |               |

##### itgen.mde.itgen\_mde\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_mde_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

##### itgen.mde.itgen\_mde\_n1

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_mde_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

#### Referential Constraints

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_mde_apn_fk | itgen.mde.apn_id | itgen.apn.id      |      |
| itgen_mde_mle_fk | itgen.mde.mle_id | itgen.mle.id      |      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural  |
|--------------------------|------|---|
| itgen_module_view_usages | mve  | Module View Usages ({res:itgen_module_view_usages}) |

**Table Definition**

**mve - itgen\_module\_view\_usages**

|                                |   |
|--------------------------------|---|
| Code                           | mve   |
| Name                           | itgen_module_view_usages  |
| Definition                     | Relation between modules (code) and views (data).               |
| Example                        | Module VraagKredietAan mutates the view acme_credit_requests_v. |
| Autocompleted                  | <input type="checkbox"/>  |
| Create                         | <input checked="" type="checkbox"/>                             |
| Create History                 | <input checked="" type="checkbox"/>                             |
| Show History                   | <input checked="" type="checkbox"/>                             |
| User May Delete                | <input type="checkbox"/>  |
| User May Insert                | <input type="checkbox"/>  |
| User May Select                | <input type="checkbox"/>  |
| User May Update                | <input type="checkbox"/>  |
| Interface?                     | <input type="checkbox"/>  |
| Derived                        | <input type="checkbox"/>  |
| Default Reference Columns      | id,select_flag,insert_flag,update_flag,delete_flag              |
| Data Category                  | Transaction   |
| Label Plural                   | Module View Usages ({res:itgen_module_view_usages})             |
| Label Plural when Referenced   | Module View Usages ({res:itgen_module_view_usages})             |
| Label Singular                 | Module View Usage ({res:itgen_module_view_usage})               |
| Label Singular when Referenced | Module View Usage ({res:itgen_module_view_usage})               |
| Number of Rows                 |   |
| Documentation                  |   |



## Applications

## itgen - Invantive Producer

## Tables

| Name                     | Code | Label Plural  |
|--------------------------|------|---|
| itgen_module_view_usages | mve  | Module View Usages ({res:itgen_module_view_usages}) |

## Table Columns

| Name               | Data Type           | Opt.                                | Label Singular                                 | Definition  |
|--------------------|---------------------|-------------------------------------|--|---|
| autocompleted_flag | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag}) | Indicator whether this row was added by autocomplete.                                       |
| delete_flag        | char(1 byte)        | <input type="checkbox"/>            | Delete ({res:itgen_delete_flag})               | Indicator whether delete is allowed   |
| id                 | number(15, 0)       | <input type="checkbox"/>            |  | ?   |
| insert_flag        | char(1 byte)        | <input type="checkbox"/>            | Insert ({res:itgen_insert_flag})               | Indicator whether insert is allowed   |
| lookup_flag        | char(1 byte)        | <input type="checkbox"/>            | Lookup ({res:itgen_lookup_flag})               | Indicator whether lookup is allowed   |
| mde_id             | number(15, 0)       | <input type="checkbox"/>            | {res:itgen_mde_id}                             | Reference to a module registered in ITGEN_MODULES.  |
| select_flag        | char(1 byte)        | <input type="checkbox"/>            | Select ({res:itgen_select_flag})               | Indicator whether select is allowed   |
| sorting_order      | number(5, 0)        | <input type="checkbox"/>            | Sort Order ({res:itgen_sorting_order})         | Numeric value that determines the ordering of the records in this table in a drop-down box. |
| update_flag        | char(1 byte)        | <input type="checkbox"/>            | Update ({res:itgen_update_flag})               | Indicator whether update is allowed   |
| viw_id             | number(15, 0)       | <input type="checkbox"/>            | View ID ({res:itgen_viw_id})                   | Reference to a view registered in ITGEN_VIEWS.  |
| documentation      | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})      | Documentation on the module view usage.   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural  |
|--------------------------|------|---|
| itgen_module_view_usages | mve  | Module View Usages ({res:itgen_module_view_usages}) |

**Table Column Details**

**itgen.mve.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag                         |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |

**itgen.mve.delete\_flag - delete\_flag**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | delete_flag                         |                          |                          |                          |
| Definition                  | Indicator whether delete is allowed |                          |                          |                          |
| Example                     | 'N'                                 |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | char(1 byte)                        |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Delete ({res:itgen_delete_flag})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_delete_flag              |                          |                          |                          |
| Label Plural                | Delete ({res:itgen_delete_flags})   |                          |                          |                          |
| Label Plural as Reference   | Delete ({res:itgen_delete_flags})   |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural  |
|--------------------------|------|---|
| itgen_module_view_usages | mve  | Module View Usages ({res:itgen_module_view_usages}) |

**Table Column Details**

**itgen.mve.documentation - documentation**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | documentation  |                          |                          |                          |
| Definition                  | Documentation on the module view usage.                    |                          |                          |                          |
| Example                     | 'The view was added to circumvent a bug in the generator.' |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                        |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                   |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                        |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})                  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                                   |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})                |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})                |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.mve.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural  |
|--------------------------|------|---|
| itgen_module_view_usages | mve  | Module View Usages ({res:itgen_module_view_usages}) |

**Table Column Details**

**itgen.mve.insert\_flag - insert\_flag**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | insert_flag                         |                          |                          |                          |
| Definition                  | Indicator whether insert is allowed |                          |                          |                          |
| Example                     | 'N'                                 |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | char(1 byte)                        |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Insert ({res:itgen_insert_flag})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_insert_flag              |                          |                          |                          |
| Label Plural                | Inserts ({res:itgen_insert_flags})  |                          |                          |                          |
| Label Plural as Reference   | Inserts ({res:itgen_insert_flags})  |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |

**itgen.mve.lookup\_flag - lookup\_flag**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | lookup_flag                         |                          |                          |                          |
| Definition                  | Indicator whether lookup is allowed |                          |                          |                          |
| Example                     | 'N'                                 |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | char(1 byte)                        |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Lookup ({res:itgen_lookup_flag})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_lookup_flag              |                          |                          |                          |
| Label Plural                | {res:itgen_lookup_flags}            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_lookup_flags}            |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural  |
|--------------------------|------|---|
| itgen_module_view_usages | mve  | Module View Usages ({res:itgen_module_view_usages}) |

**Table Column Details**

**itgen.mve.mde\_id - mde\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | mde_id   |                          |                          |                          |
| Definition                  | Reference to a module registered in ITGEN_MODULES. |                          |                          |                          |
| Example                     | 3  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                           |                          |                          |                          |
| Display                     | In Search Filter                                   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                           |                          |                          |                          |
| System Column               | <input type="checkbox"/>                           |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                           |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                           |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                           |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_mde_id}                                 |                          |                          |                          |
| Label Singular as Reference | {res:itgen_mde_id}                                 |                          |                          |                          |
| Label Plural                | {res:itgen_mde_ids}                                |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_mde_ids}                                |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                 |                          |                          |                          |

**itgen.mve.select\_flag - select\_flag**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | select_flag                         |                          |                          |                          |
| Definition                  | Indicator whether sleect is allowed |                          |                          |                          |
| Example                     | 'N'                                 |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | char(1 byte)                        |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Select ({res:itgen_select_flag})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_select_flag}             |                          |                          |                          |
| Label Plural                | {res:itgen_select_flags}            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_select_flags}            |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')               |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural  |
|--------------------------|------|---|
| itgen_module_view_usages | mve  | Module View Usages ({res:itgen_module_view_usages}) |

**Table Column Details**

**itgen.mve.sorting\_order - sorting\_order**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | sorting_order   |                          |                          |                          |
| Definition                  | Numeric value that determines the ordering of the records in this table in a drop-down box.                     |                          |                          |                          |
| Example                     | The value 10 would ensure that this record appears after the one with value 5 and before the one with value 15. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(5, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Sort Order ({res:itgen_sorting_order})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_sorting_order  |                          |                          |                          |
| Label Plural                | Sort Orders ({res:itgen_sorting_orders})  |                          |                          |                          |
| Label Plural as Reference   | Sort Orders ({res:itgen_sorting_orders})  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.mve.update\_flag - update\_flag**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | update_flag                         |                          |                          |                          |
| Definition                  | Indicator whether update is allowed |                          |                          |                          |
| Example                     | 'N'                                 |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | char(1 byte)                        |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Update ({res:itgen_update_flag})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_update_flag              |                          |                          |                          |
| Label Plural                | Update ({res:itgen_update_flags})   |                          |                          |                          |
| Label Plural as Reference   | Update ({res:itgen_update_flags})   |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural  |
|--------------------------|------|---|
| itgen_module_view_usages | mve  | Module View Usages ({res:itgen_module_view_usages}) |

**Table Column Details**

**itgen.mve.viw\_id - viw\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | viw_id   |                          |                          |                          |
| Definition                  | Reference to a view registered in ITGEN_VIEWS. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter                               | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | View ID ({res:itgen_viw_id})                   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_viw_id                              |                          |                          |                          |
| Label Plural                | View ID's ({res:itgen_viw_ids})                |                          |                          |                          |
| Label Plural as Reference   | View ID's ({res:itgen_viw_ids})                |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                             |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                     | Code | Label Plural  |
|--------------------------|------|---|
| itgen_module_view_usages | mve  | Module View Usages ({res:itgen_module_view_usages}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.mve.itgen\_mve\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_mve_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| mde_id | 1        |               |
| viw_id | 2        |               |

**itgen.mve.itgen\_mve\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_mve_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**itgen.mve.itgen\_mve\_n1**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_mve_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

**Index Columns**

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_mve_mde_fk | itgen.mve.mde_id | itgen.mde.id      |      |
| itgen_mve_viw_fk | itgen.mve.viw_id | itgen.viw.id      |      |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural  |
|-----------------------|------|---|
| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

**Table Definition**

**rct - itgen\_ref\_constraints**

|                                |   |
|--------------------------------|---|
| Code                           | rct   |
| Name                           | itgen_ref_constraints   |
| Definition                     | Referential relationships between tables.                                   |
| Example                        | The column 'apn_id' of an entry in 'itgen_tables' refers to an application. |
| Autocompleted                  | <input type="checkbox"/>  |
| Create                         | <input checked="" type="checkbox"/>   |
| Create History                 | <input checked="" type="checkbox"/>   |
| Show History                   | <input checked="" type="checkbox"/>   |
| User May Delete                | <input type="checkbox"/>  |
| User May Insert                | <input type="checkbox"/>  |
| User May Select                | <input type="checkbox"/>  |
| User May Update                | <input type="checkbox"/>  |
| Interface?                     | <input type="checkbox"/>  |
| Derived                        | <input type="checkbox"/>  |
| Default Reference Columns      | id,name   |
| Data Category                  | Transaction   |
| Label Plural                   | Referential Constraints ({res:itgen_ref_constraints})                       |
| Label Plural when Referenced   | Referential Constraints ({res:itgen_ref_constraints})                       |
| Label Singular                 | Referential Constraint ({res:itgen_ref_constraint})                         |
| Label Singular when Referenced | Referential Constraint ({res:itgen_ref_constraint})                         |
| Number of Rows                 |   |
| Documentation                  |   |

## Applications

## itgen - Invantive Producer

## Tables

| Name                  | Code | Label Plural  |
|-----------------------|------|---|
| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

## Table Columns

| Name                               | Data Type           | Opt.                                | Label Singular                                      | Definition  |
|------------------------------------|---------------------|-------------------------------------|---|---|
| <a href="#">autocompleted_flag</a> | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag})      | Indicator whether this row was added by autocomplete.   |
| <a href="#">create_flag</a>        | char(1 byte)        | <input type="checkbox"/>            | Create ({res:itgen_create_flag})                    | Indicator whether the referential constraint will be created  |
| <a href="#">display_flag</a>       | char(1 byte)        | <input type="checkbox"/>            | Display ({res:itgen_display_flag})                  | Indicator whether the constraint will be shown  |
| <a href="#">id</a>                 | number(15, 0)       | <input type="checkbox"/>            |   | ?   |
| <a href="#">name</a>               | varchar2(30 char)   | <input type="checkbox"/>            | Name ({res:itgen_name})                             | Name of the referential constraint.   |
| <a href="#">on_delete_category</a> | char(1 byte)        | <input type="checkbox"/>            | On Delete Category ({res:itgen_on_delete_category}) | ?   |
| <a href="#">sorting_order</a>      | number(5, 0)        | <input type="checkbox"/>            | Sort Order ({res:itgen_sorting_order})              | Numeric value that determines the ordering of the records in this table in a drop-down box.         |
| <a href="#">tcn_id_from</a>        | number(15, 0)       | <input type="checkbox"/>            | {res:itgen_tcn_id_from}                             | Reference to a table column registered in ITGEN_TABLE_COLUMNS.                                      |
| <a href="#">tcn_id_to</a>          | number(15, 0)       | <input type="checkbox"/>            | {res:itgen_tcn_id_to}                               | Reference to a table column registered in ITGEN_TABLE_COLUMNS.                                      |
| <a href="#">documentation</a>      | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})           | Documentation on the referential constraint.  |
| <a href="#">documentation_l</a>    | clob                | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation_l})         | Documentation on the referential constraint. Will replace the column 'documentation' in the future. |
| <a href="#">role_label</a>         | varchar2(30 char)   | <input checked="" type="checkbox"/> | Role ({res:itgen_role_label})                       | Label of the role   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural  |
|-----------------------|------|---|
| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

**Table Column Details**

**itgen.rct.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag                         |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |

**itgen.rct.create\_flag - create\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | create_flag  |                          |                          |                          |
| Definition                  | Indicator whether the referential constraint will be created |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                     |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Create ({res:itgen_create_flag})                             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_create_flag                                       |                          |                          |                          |
| Label Plural                | Creates ({res:itgen_create_flags})                           |                          |                          |                          |
| Label Plural as Reference   | Creates ({res:itgen_create_flags})                           |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural  |
|-----------------------|------|---|
| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

**Table Column Details**

**itgen.rct.display\_flag - display\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | display_flag                                   |                          |                          |                          |
| Definition                  | Indicator whether the constraint will be shown |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)                                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter                               | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Display ({res:itgen_display_flag})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_flag                        |                          |                          |                          |
| Label Plural                | Displays ({res:itgen_display_flags})           |                          |                          |                          |
| Label Plural as Reference   | Displays ({res:itgen_display_flags})           |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                          |                          |                          |                          |

**itgen.rct.documentation - documentation**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                                |                          |                          |                          |
| Definition                  | Documentation on the referential constraint. |                          |                          |                          |
| Example                     | ?  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                          |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Display                     | In Search Filter                             | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                     |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural  |
|-----------------------|------|---|
| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

**Table Column Details**

**itgen.rct.documentation\_l - documentation\_l**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation_l   |                          |                          |                          |
| Definition                  | Documentation on the referential constraint. Will replace the column 'documentation' in the future. |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | clob  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation_l})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation_l  |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})   |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.rct.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural  |
|-----------------------|------|---|
| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

**Table Column Details**

**itgen.rct.name - name**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | name                                |                          |                          |                          |
| Definition                  | Name of the referential constraint. |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(30 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Name ({res:itgen_name})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name                     |                          |                          |                          |
| Label Plural                | Names ({res:itgen_names})           |                          |                          |                          |
| Label Plural as Reference   | Names ({res:itgen_names})           |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |

**itgen.rct.on\_delete\_category - on\_delete\_category**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | on_delete_category                                      |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | On Delete Category ({res:itgen_on_delete_category})     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_on_delete_category                           |                          |                          |                          |
| Label Plural                | On Delete Categories ({res:itgen_on_delete_categories}) |                          |                          |                          |
| Label Plural as Reference   | On Delete Categories ({res:itgen_on_delete_categories}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                    |                          |                          |                          |



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**Tables**

| Name                  | Code | Label Plural  |
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| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

**Table Column Details**

**itgen.rct.role\_label - role\_label**

|                             |                                       |                          |                          |                          |
|-----------------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | role_label                            |                          |                          |                          |
| Definition                  | Label of the role                     |                          |                          |                          |
| Example                     | aar                                   |                          |                          |                          |
| Definition for Manual       |                                       |                          |                          |                          |
| Documentation               |                                       |                          |                          |                          |
| Data Type                   | varchar2(30 char)                     |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>              |                          |                          |                          |
| System Column               | <input type="checkbox"/>              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>              |                          |                          |                          |
| Expression Default Value    |                                       |                          |                          |                          |
| Label Singular              | Role ({res:itgen_role_label})         |                          |                          |                          |
| Label Singular as Reference | {res:itgen_role_label                 |                          |                          |                          |
| Label Plural                | Role Labels ({res:itgen_role_labels}) |                          |                          |                          |
| Label Plural as Reference   | Role Labels ({res:itgen_role_labels}) |                          |                          |                          |
| Display Order               |                                       |                          |                          |                          |
| Add Purchase Order          | A001                                  |                          |                          |                          |
| Conversion                  | :orig                                 |                          |                          |                          |

**itgen.rct.sorting\_order - sorting\_order**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | sorting_order   |                          |                          |                          |
| Definition                  | Numeric value that determines the ordering of the records in this table in a drop-down box.                     |                          |                          |                          |
| Example                     | The value 10 would ensure that this record appears after the one with value 5 and before the one with value 15. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(5, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Sort Order ({res:itgen_sorting_order})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_sorting_order  |                          |                          |                          |
| Label Plural                | Sort Orders ({res:itgen_sorting_orders})  |                          |                          |                          |
| Label Plural as Reference   | Sort Orders ({res:itgen_sorting_orders})  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |



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**Tables**

| Name                  | Code | Label Plural  |
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| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

**Table Column Details**

**itgen.rct.tcn\_id\_from - tcn\_id\_from**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | tcn_id_from  |                          |                          |                          |
| Definition                  | Reference to a table column registered in ITGEN_TABLE_COLUMNS. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                       |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_tcn_id_from}  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_tcn_id_from}  |                          |                          |                          |
| Label Plural                | {res:itgen_tcn_id_froms}                                       |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_tcn_id_froms}                                       |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |

**itgen.rct.tcn\_id\_to - tcn\_id\_to**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | tcn_id_to  |                          |                          |                          |
| Definition                  | Reference to a table column registered in ITGEN_TABLE_COLUMNS. |                          |                          |                          |
| Example                     | 22   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                       |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_tcn_id_to}  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_tcn_id_to}  |                          |                          |                          |
| Label Plural                | {res:itgen_tcn_id_tos}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_tcn_id_tos}   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |



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### itgen - Invantive Producer

#### Tables

| Name                  | Code | Label Plural  |
|-----------------------|------|---|
| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

#### Indexes

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.rct.itgen\_rct\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_rct_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name        | Position | Documentation |
|-------------|----------|---------------|
| tcn_id_from | 1        |               |
| tcn_id_to   | 2        |               |

##### itgen.rct.itgen\_rct\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_rct_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

##### itgen.rct.itgen\_rct\_n1

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_rct_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

##### itgen.rct.itgen\_rct\_tcn\_fk\_from

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_rct_tcn_fk_from               |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name        | Position | Documentation |
|-------------|----------|---------------|
| tcn_id_from | 1        |               |

##### itgen.rct.itgen\_rct\_tcn\_fk\_to

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_rct_tcn_fk_to                 |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |



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**Applications**

itgen - Invantive Producer

**Tables**

| Name                  | Code | Label Plural  |
|-----------------------|------|---|
| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

**Indexes**

**Index Columns**

| Name      | Position | Documentation |
|-----------|----------|---------------|
| tcn_id_to | 1        |               |

**Referential Constraints**

| Name                  | Column                | Column Referenced            | Role |
|-----------------------|-----------------------|------------------------------|------|
| itgen_rct_tcn_fk_from | itgen.rct.tcn_id_from | <a href="#">itgen.tcn.id</a> |      |
| itgen_rct_tcn_fk_to   | itgen.rct.tcn_id_to   | <a href="#">itgen.tcn.id</a> |      |

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## Applications

### itgen - Invantive Producer

## Tables

| Name                  | Code | Label Plural  |
|-----------------------|------|---|
| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

## Attribute Rules

### itgen.rct.atr018 - 10 - Insert - Action

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | atr018                              |
| Event Category           | Insert                              |
| Action Category          | Action                              |
| Action Moment            | B                                   |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input checked="" type="checkbox"/> |
| Constraint Specification | :last.rct_create_flag is null       |
| Action Specification     | :last.rct_create_flag := 'Y';       |
| User Message             |                                     |
| Documentation            |                                     |

### itgen.rct.atr026 - 10 - Insert - Action

|                          |                                      |
|--------------------------|--------------------------------------|
| Code                     | atr026                               |
| Event Category           | Insert                               |
| Action Category          | Action                               |
| Action Moment            | B                                    |
| Sort Order               | 10                                   |
| Autocompleted            | <input type="checkbox"/>             |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.rct_autocompleted_flag is null |
| Action Specification     | :last.rct_autocompleted_flag := 'N'; |
| User Message             |                                      |
| Documentation            |                                      |

### itgen.rct.atr046 - 20 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr046   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.rct_name = lower(:last.rct_name)   |
| Action Specification     |  |
| User Message             | Correct the name of the referential constraint. ({res:itgen_atr046_user_message})      |
| Documentation            | The referential constraint name must be lower case. ({res:itgen_atr046_documentation}) |

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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                  | Code | Label Plural  |
|-----------------------|------|---|
| itgen_ref_constraints | rct  | Referential Constraints ({res:itgen_ref_constraints}) |

**Attribute Rules**

**itgen.rct.atr048 - 20 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr048  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <pre>( :last.rct_role_label is null   or   :last.rct_role_label = lower(:last.rct_role_label) )</pre> |
| Action Specification     |   |
| User Message             | Correct the role label of the referential constraint. ({res:itgen_atr048_user_message})               |
| Documentation            | The role label of the referential constraint must be lower case. ({res:itgen_atr048_documentation})   |

**itgen.rct.dft123 - 40 - Insert - Action**

|                          |  |
|--------------------------|--|
| Code                     | dft123   |
| Event Category           | Insert   |
| Action Category          | Action   |
| Action Moment            | B  |
| Sort Order               | 40   |
| Autocompleted            | <input type="checkbox"/>                             |
| Create                   | <input checked="" type="checkbox"/>                  |
| Constraint Specification | <code>:new.rct_on_delete_category is null</code>     |
| Action Specification     | <code>:new.rct_on_delete_category := 'X';</code>     |
| User Message             |  |
| Documentation            | The delete rule is defaulted to 'X' if not provided. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_role_functions | rfn  | Role Functions ({res:itgen_role_functions}) |

**Table Definition**

rfn - itgen\_role\_functions

|                                |   |
|--------------------------------|---|
| Code                           | rfn   |
| Name                           | itgen_role_functions                        |
| Definition                     | Functions granted to a role                 |
| Example                        | Accounting uses Invantive Control           |
| Autocompleted                  | <input type="checkbox"/>                    |
| Create                         | <input checked="" type="checkbox"/>         |
| Create History                 | <input checked="" type="checkbox"/>         |
| Show History                   | <input checked="" type="checkbox"/>         |
| User May Delete                | <input type="checkbox"/>                    |
| User May Insert                | <input type="checkbox"/>                    |
| User May Select                | <input type="checkbox"/>                    |
| User May Update                | <input type="checkbox"/>                    |
| Interface?                     | <input type="checkbox"/>                    |
| Derived                        | <input type="checkbox"/>                    |
| Default Reference Columns      | id  |
| Data Category                  | Reference                                   |
| Label Plural                   | Role Functions ({res:itgen_role_functions}) |
| Label Plural when Referenced   | Role Functions ({res:itgen_role_functions}) |
| Label Singular                 | Role Function ({res:itgen_role_function})   |
| Label Singular when Referenced | Role Function ({res:itgen_role_function})   |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_role_functions | rfn  | Role Functions ({res:itgen_role_functions}) |

**Table Columns**

| Name   | Data Type     | Opt.                     | Label Singular                           | Definition   |
|--------|---------------|--------------------------|--|--|
| ftn_id | number(15, 0) | <input type="checkbox"/> | Function (*.fnc) ID ({res:itgen_ftn_id}) | Reference to a function registered in ITGEN_FUNCTIONS. |
| id     | number(15, 0) | <input type="checkbox"/> |  | ?  |
| rle_id | number(15, 0) | <input type="checkbox"/> | {res:itgen_rle_id}                       | Reference to a role registered in ITGEN_ROLES.         |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_role_functions | rfn  | Role Functions ({res:itgen_role_functions}) |

**Table Column Details**

**itgen.rfn.ftn\_id - ftn\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | ftn_id   |                          |                          |                          |
| Definition                  | Reference to a function registered in ITGEN_FUNCTIONS. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                               |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Function (*.fnc) ID ({res:itgen_ftn_id})               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_ftn_id                                      |                          |                          |                          |
| Label Plural                | Function (*.fnc) IDs ({res:itgen_ftn_ids})             |                          |                          |                          |
| Label Plural as Reference   | Function (*.fnc) IDs ({res:itgen_ftn_ids})             |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                     |                          |                          |                          |

**itgen.rfn.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                 | Code | Label Plural                                |
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| itgen_role_functions | rfn  | Role Functions ({res:itgen_role_functions}) |

**Table Column Details**

**itgen.rfn.rle\_id - rle\_id**

|                             |  |                          |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | rle_id   |                          |                          |                          |                          |
| Definition                  | Reference to a role registered in ITGEN_ROLES. |                          |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |                          |
| Documentation               |  |                          |                          |                          |                          |
| Data Type                   | number(15, 0)                                  |                          |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                       |                          |                          |                          |                          |
| Display                     |  | In Search Filter         | In LOV                   | In Record                | In Search Results        |
|                             |  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>                       |                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>            |                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                       |                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                       |                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                       |                          |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |                          |
| Label Singular              | {res:itgen_rle_id}                             |                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_rle_id}                             |                          |                          |                          |                          |
| Label Plural                | {res:itgen_rle_ids}                            |                          |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_rle_ids}                            |                          |                          |                          |                          |
| Display Order               |  |                          |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                             |                          |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                 | Code | Label Plural                                |
|----------------------|------|---|
| itgen_role_functions | rfn  | Role Functions ({res:itgen_role_functions}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.rfn.itgen\_rfn\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_rfn_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| rle_id | 1        |               |
| ftn_id | 2        |               |

**itgen.rfn.itgen\_rfn\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_rfn_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_rfn_ftn_fk | itgen.rfn.ftn_id | itgen.ftn.id      |      |
| itgen_rfn_rle_fk | itgen.rfn.rle_id | itgen.rle.id      |      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                |
|-------------|------|-----------------------------|
| itgen_roles | rlr  | Roles ({{res:itgen_roles}}) |

**Table Definition**

| rlr - itgen_roles              |  |
|--------------------------------|--|
| Code                           | rlr  |
| Name                           | itgen_roles                                    |
| Definition                     | Roles for groups of users with a similar title |
| Example                        | Accounting                                     |
| Autocompleted                  | <input type="checkbox"/>                       |
| Create                         | <input checked="" type="checkbox"/>            |
| Create History                 | <input checked="" type="checkbox"/>            |
| Show History                   | <input checked="" type="checkbox"/>            |
| User May Delete                | <input type="checkbox"/>                       |
| User May Insert                | <input type="checkbox"/>                       |
| User May Select                | <input type="checkbox"/>                       |
| User May Update                | <input type="checkbox"/>                       |
| Interface?                     | <input type="checkbox"/>                       |
| Derived                        | <input type="checkbox"/>                       |
| Default Reference Columns      | id,code,description                            |
| Data Category                  | Reference                                      |
| Label Plural                   | Roles ({{res:itgen_roles}})                    |
| Label Plural when Referenced   | Roles ({{res:itgen_roles}})                    |
| Label Singular                 | Role ({{res:itgen_role}})                      |
| Label Singular when Referenced | Role ({{res:itgen_role}})                      |
| Number of Rows                 |  |
| Documentation                  |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                |
|-------------|------|-----------------------------|
| itgen_roles | rle  | Roles ({{res:itgen_roles}}) |

**Table Columns**

| Name        | Data Type          | Opt.                     | Label Singular                          | Definition  |
|-------------|--------------------|--------------------------|---|-------------|
| code        | varchar2(30 char)  | <input type="checkbox"/> | Code ({{res:itgen_code}})               | Code        |
| description | varchar2(240 char) | <input type="checkbox"/> | Description ({{res:itgen_description}}) | Description |
| id          | number(15, 0)      | <input type="checkbox"/> |   | ?           |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_roles | rle  | Roles ({res:itgen_roles}) |

**Table Column Details**

**itgen.rle.code - code**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | code                                |                          |                          |                          |
| Definition                  | Code                                |                          |                          |                          |
| Example                     | Accounting                          |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(30 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                             | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code                     |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})           |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})           |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |

**itgen.rle.description - description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | description                             |                          |                          |                          |
| Definition                  | Description                             |                          |                          |                          |
| Example                     | Accounting group                        |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                |                          |                          |                          |
| Display                     | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                             | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description                  |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions}) |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                    |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_roles | rle  | Roles ({res:itgen_roles}) |

**Table Column Details**

**itgen.rle.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_roles | rle  | Roles ({res:itgen_roles}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.rle.itgen\_rle\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_rle_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| code | 1        |               |

**itgen.rle.itgen\_rle\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_rle_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_server_pages | spe  | Server Pages ({res:itgen_server_pages}) |

**Table Definition**

**spe - itgen\_server\_pages**

|                                |  |
|--------------------------------|--|
| Code                           | spe  |
| Name                           | itgen_server_pages   |
| Definition                     | Server pages using ISP to generate content.                |
| Example                        | The server page 'bubs0001' generates an email news letter. |
| Autocompleted                  | <input type="checkbox"/>                                   |
| Create                         | <input checked="" type="checkbox"/>                        |
| Create History                 | <input checked="" type="checkbox"/>                        |
| Show History                   | <input checked="" type="checkbox"/>                        |
| User May Delete                | <input type="checkbox"/>                                   |
| User May Insert                | <input type="checkbox"/>                                   |
| User May Select                | <input type="checkbox"/>                                   |
| User May Update                | <input type="checkbox"/>                                   |
| Interface?                     | <input type="checkbox"/>                                   |
| Derived                        | <input type="checkbox"/>                                   |
| Default Reference Columns      | id,code  |
| Data Category                  | Other  |
| Label Plural                   | Server Pages ({res:itgen_server_pages})                    |
| Label Plural when Referenced   | Server Pages ({res:itgen_server_pages})                    |
| Label Singular                 | Server Page ({res:itgen_server_page})                      |
| Label Singular when Referenced | Server Page ({res:itgen_server_page})                      |
| Number of Rows                 |  |
| Documentation                  |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_server_pages | spe  | Server Pages ({res:itgen_server_pages}) |

**Table Columns**

| Name                          | Data Type          | Opt.                                | Label Singular                            | Definition  |
|-------------------------------|--------------------|-------------------------------------|---|---|
| <a href="#">apn_id</a>        | number(15, 0)      | <input type="checkbox"/>            | Application ID ({res:itgen_apn_id})       | Reference to an application registered in ITGEN_APPLICATIONS.       |
| <a href="#">code</a>          | varchar2(30 char)  | <input type="checkbox"/>            | Code ({res:itgen_code})                   | Unique alphanumeric code.   |
| <a href="#">description</a>   | varchar2(240 char) | <input type="checkbox"/>            | Description ({res:itgen_description})     | Description in natural language for display on reports and screens. |
| <a href="#">id</a>            | number(15, 0)      | <input type="checkbox"/>            |   | ?   |
| <a href="#">specification</a> | clob               | <input checked="" type="checkbox"/> | Specification ({res:itgen_specification}) | Specification of the code block that will be executed               |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_server_pages | spe  | Server Pages ({res:itgen_server_pages}) |

**Table Column Details**

**itgen.spe.apn\_id - apn\_id**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | apn_id  |                          |                          |                          |
| Definition                  | Reference to an application registered in ITGEN_APPLICATIONS. |                          |                          |                          |
| Example                     | 3   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                      |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Application ID ({res:itgen_apn_id})                           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_apn_id   |                          |                          |                          |
| Label Plural                | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Label Plural as Reference   | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.spe.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code   |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_server_pages | spe  | Server Pages ({res:itgen_server_pages}) |

**Table Column Details**

**itgen.spe.description - description**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | description   |                          |                          |                          |
| Definition                  | Description in natural language for display on reports and screens. |                          |                          |                          |
| Example                     | None.   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Description ({res:itgen_description})                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_description  |                          |                          |                          |
| Label Plural                | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Label Plural as Reference   | Descriptions ({res:itgen_descriptions})                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.spe.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_server_pages | spe  | Server Pages ({res:itgen_server_pages}) |

**Table Column Details**

**itgen.spe.specification - specification**

|                             |   |  |                                    |                                       |   |
|-----------------------------|---|--|------------------------------------|---------------------------------------|---|
| Name                        | specification   |  |                                    |                                       |   |
| Definition                  | Specification of the code block that will be executed |  |                                    |                                       |   |
| Example                     | ?   |  |                                    |                                       |   |
| Definition for Manual       |   |  |                                    |                                       |   |
| Documentation               |   |  |                                    |                                       |   |
| Data Type                   | clob  |  |                                    |                                       |   |
| Nullable                    | <input checked="" type="checkbox"/>                   |  |                                    |                                       |   |
| Display                     |   | In Search Filter<br><input type="checkbox"/> | In LOV<br><input type="checkbox"/> | In Record<br><input type="checkbox"/> | In Search Results<br><input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |  |                                    |                                       |   |
| System Column               | <input type="checkbox"/>                              |  |                                    |                                       |   |
| Create                      | <input checked="" type="checkbox"/>                   |  |                                    |                                       |   |
| Confidential                | <input type="checkbox"/>                              |  |                                    |                                       |   |
| Derived                     | <input type="checkbox"/>                              |  |                                    |                                       |   |
| Translatable                | <input type="checkbox"/>                              |  |                                    |                                       |   |
| Expression Default Value    |   |  |                                    |                                       |   |
| Label Singular              | Specification ({res:itgen_specification})             |  |                                    |                                       |   |
| Label Singular as Reference | {res:itgen_specification                              |  |                                    |                                       |   |
| Label Plural                | Specifications ({res:itgen_specifications})           |  |                                    |                                       |   |
| Label Plural as Reference   | Specifications ({res:itgen_specifications})           |  |                                    |                                       |   |
| Display Order               |   |  |                                    |                                       |   |
| Add Purchase Order          | A001  |  |                                    |                                       |   |
| Conversion                  | :orig   |  |                                    |                                       |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_server_pages | spe  | Server Pages ({res:itgen_server_pages}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.spe.itgen\_spe\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_spe_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| apn_id | 1        |               |
| code   | 2        |               |

**itgen.spe.itgen\_spe\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_spe_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_spe_apn_fk | itgen.spe.apn_id | itgen.apn.id      |      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_settings | stg  | Settings ({res:itgen_settings}) |

**Table Definition**

stg - itgen\_settings

|                                |  |
|--------------------------------|--|
| Code                           | stg                                      |
| Name                           | itgen_settings                           |
| Definition                     | Overall settings for Invantive Producer. |
| Example                        | None.                                    |
| Autocompleted                  | <input type="checkbox"/>                 |
| Create                         | <input checked="" type="checkbox"/>      |
| Create History                 | <input checked="" type="checkbox"/>      |
| Show History                   | <input checked="" type="checkbox"/>      |
| User May Delete                | <input type="checkbox"/>                 |
| User May Insert                | <input type="checkbox"/>                 |
| User May Select                | <input type="checkbox"/>                 |
| User May Update                | <input type="checkbox"/>                 |
| Interface?                     | <input type="checkbox"/>                 |
| Derived                        | <input type="checkbox"/>                 |
| Default Reference Columns      | id                                       |
| Data Category                  | Seed                                     |
| Label Plural                   | Settings ({res:itgen_settings})          |
| Label Plural when Referenced   | Settings ({res:itgen_settings})          |
| Label Singular                 | Setting ({res:itgen_setting})            |
| Label Singular when Referenced | Setting ({res:itgen_setting})            |
| Number of Rows                 |  |
| Documentation                  |  |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_settings | stg  | Settings ({res:itgen_settings}) |

#### Table Columns

| Name                                 | Data Type           | Opt.                                | Label Singular   | Definition  |
|--------------------------------------|---------------------|-------------------------------------|--|---|
| <a href="#">authentication_order</a> | varchar2(240 char)  | <input type="checkbox"/>            | Authentication Order ({res:itgen_authentication_order})          | Order of the authentication   |
| <a href="#">dummy</a>                | char(1 byte)        | <input type="checkbox"/>            | Dummy ({res:itgen_dummy})  | Dummy column to ensure there can be only one row.                                   |
| <a href="#">id</a>                   | number(15, 0)       | <input type="checkbox"/>            |  | ?   |
| <a href="#">ldap_ssl_flag</a>        | char(1 byte)        | <input type="checkbox"/>            | LDAP SSL ({res:itgen_ldap_ssl_flag})                             | Indicator whether secure service layer is used                                      |
| <a href="#">lge_id</a>               | number(15, 0)       | <input type="checkbox"/>            | Language ID ({res:itgen_lge_id})                                 | Reference to a language registered in ITGEN_LANGUAGES.                              |
| <a href="#">documentation</a>        | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})                        | Documentation on the settings.  |
| <a href="#">ldap_dn</a>              | varchar2(240 char)  | <input checked="" type="checkbox"/> | LDAP Distinguished Name ({res:itgen_ldap_dn})                    | LDAP DN for authentication using LDAP, where :account is replaced by the logon code |
| <a href="#">ldap_dn_system</a>       | varchar2(240 char)  | <input checked="" type="checkbox"/> | LDAP Distinguished Name system User ({res:itgen_ldap_dn_system}) | LDAP DN for the system user   |
| <a href="#">ldap_host</a>            | varchar2(240 char)  | <input checked="" type="checkbox"/> | LDAP Host ({res:itgen_ldap_host})                                | LDAP host   |
| <a href="#">ldap_port</a>            | number(5, 0)        | <input checked="" type="checkbox"/> | LDAP Port ({res:itgen_ldap_port})                                | Port for LDAP communication with the LDAP host                                      |
| <a href="#">ldap_wallet_file</a>     | varchar2(240 char)  | <input checked="" type="checkbox"/> | LDAP Wallet File ({res:itgen_ldap_wallet_file})                  | Oracle wallet file that contains the certificates for secured LDAP connections      |
| <a href="#">ldap_wallet_pwd</a>      | varchar2(240 char)  | <input checked="" type="checkbox"/> | LDAP Wallet Password ({res:itgen_ldap_wallet_pwd})               | Password for the Oracle wallet file for secured LDAP connections                    |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_settings | stg  | Settings ({res:itgen_settings}) |

**Table Column Details**

**itgen.stg.authentication\_order - authentication\_order**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | authentication_order                                      |                          |                          |                          |
| Definition                  | Order of the authentication                               |                          |                          |                          |
| Example                     | ldap,local  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Authentication Order ({res:itgen_authentication_order})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_authentication_order                           |                          |                          |                          |
| Label Plural                | Authentication Orders ({res:itgen_authentication_orders}) |                          |                          |                          |
| Label Plural as Reference   | Authentication Orders ({res:itgen_authentication_orders}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                      |                          |                          |                          |

**itgen.stg.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation   |                          |                          |                          |
| Definition                  | Documentation on the settings.  |                          |                          |                          |
| Example                     | The default language is now Russian, since the HQ have moved to Russia. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                                     |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation  |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})                             |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_settings | stg  | Settings ({res:itgen_settings}) |

**Table Column Details**

**itgen.stg.dummy - dummy**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | dummy   |                          |                          |                          |
| Definition                  | Dummy column to ensure there can be only one row. |                          |                          |                          |
| Example                     | 'X'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter                                  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                          |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Dummy ({res:itgen_dummy})                         |                          |                          |                          |
| Label Singular as Reference | {res:itgen_dummy                                  |                          |                          |                          |
| Label Plural                | Dummies ({res:itgen_dummies})                     |                          |                          |                          |
| Label Plural as Reference   | Dummies ({res:itgen_dummies})                     |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                              |                          |                          |                          |

**itgen.stg.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_settings | stg  | Settings ({res:itgen_settings}) |

**Table Column Details**

**itgen.stg.ldap\_dn - ldap\_dn**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | ldap_dn   |                          |                          |                          |
| Definition                  | LDAP DN for authentication using LDAP, where :account is replaced by the logon code |                          |                          |                          |
| Example                     | :account@site.local   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | LDAP Distinguished Name ({res:itgen_ldap_dn})                                       |                          |                          |                          |
| Label Singular as Reference | {res:itgen_ldap_dn  |                          |                          |                          |
| Label Plural                | LDAP Distinguished Names ({res:itgen_ldap_dns})                                     |                          |                          |                          |
| Label Plural as Reference   | LDAP Distinguished Names ({res:itgen_ldap_dns})                                     |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.stg.ldap\_dn\_system - ldap\_dn\_system**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | ldap_dn_system   |                          |                          |                          |
| Definition                  | LDAP DN for the system user  |                          |                          |                          |
| Example                     | Administrator@site.local   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | LDAP Distinguished Name system User ({res:itgen_ldap_dn_system})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_ldap_dn_system  |                          |                          |                          |
| Label Plural                | LDAP Distinguished Names system User ({res:itgen_ldap_dn_systems}) |                          |                          |                          |
| Label Plural as Reference   | LDAP Distinguished Names system User ({res:itgen_ldap_dn_systems}) |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_settings | stg  | Settings ({res:itgen_settings}) |

**Table Column Details**

**itgen.stg.Idap\_host - Idap\_host**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | Idap_host   |                          |                          |                          |
| Definition                  | LDAP host   |                          |                          |                          |
| Example                     | 'Idap' or the Microsoft Active Directory controller |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                                  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Display                     | In Search Filter                                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                            |                          |                          |                          |
| System Column               | <input type="checkbox"/>                            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                            |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | LDAP Host ({res:itgen_idap_host})                   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_idap_host                                |                          |                          |                          |
| Label Plural                | LDAP Hosts ({res:itgen_idap_hosts})                 |                          |                          |                          |
| Label Plural as Reference   | LDAP Hosts ({res:itgen_idap_hosts})                 |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.stg.Idap\_port - Idap\_port**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | Idap_port                                      |                          |                          |                          |
| Definition                  | Port for LDAP communication with the LDAP host |                          |                          |                          |
| Example                     | 132  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(5, 0)                                   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                               | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | LDAP Port ({res:itgen_idap_port})              |                          |                          |                          |
| Label Singular as Reference | {res:itgen_idap_port                           |                          |                          |                          |
| Label Plural                | LDAP Ports ({res:itgen_idap_ports})            |                          |                          |                          |
| Label Plural as Reference   | LDAP Ports ({res:itgen_idap_ports})            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_settings | stg  | Settings ({res:itgen_settings}) |

**Table Column Details**

**itgen.stg.Idap\_ssl\_flag - Idap\_ssl\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | Idap_ssl_flag                                  |                          |                          |                          |
| Definition                  | Indicator whether secure service layer is used |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)                                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter                               | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | LDAP SSL ({res:itgen_Idap_ssl_flag})           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_Idap_ssl_flag                       |                          |                          |                          |
| Label Plural                | {res:itgen_Idap_ssl_flags}                     |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_Idap_ssl_flags}                     |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                          |                          |                          |                          |

**itgen.stg.Idap\_wallet\_file - Idap\_wallet\_file**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | Idap_wallet_file   |                          |                          |                          |
| Definition                  | Oracle wallet file that contains the certificates for secured LDAP connections |                          |                          |                          |
| Example                     | /etc/oracle/ewallet.p12  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | LDAP Wallet File ({res:itgen_Idap_wallet_file})                                |                          |                          |                          |
| Label Singular as Reference | {res:itgen_Idap_wallet_file  |                          |                          |                          |
| Label Plural                | LDAP Wallet Files ({res:itgen_Idap_wallet_files})                              |                          |                          |                          |
| Label Plural as Reference   | LDAP Wallet Files ({res:itgen_Idap_wallet_files})                              |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_settings | stg  | Settings ({res:itgen_settings}) |

**Table Column Details**

**itgen.stg.Idap\_wallet\_pwd - Idap\_wallet\_pwd**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | Idap_wallet_pwd  |                          |                          |                          |
| Definition                  | Password for the Oracle wallet file for secured LDAP connections |                          |                          |                          |
| Example                     | 'secret'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | LDAP Wallet Password ({res:itgen_ldap_wallet_pwd})               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_ldap_wallet_pwd                                       |                          |                          |                          |
| Label Plural                | LDAP Wallet Passwords ({res:itgen_ldap_wallet_pwd})              |                          |                          |                          |
| Label Plural as Reference   | LDAP Wallet Passwords ({res:itgen_ldap_wallet_pwd})              |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.stg.lge\_id - lge\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | lge_id   |                          |                          |                          |
| Definition                  | Reference to a language registered in ITGEN_LANGUAGES. |                          |                          |                          |
| Example                     | 3  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                               |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Language ID ({res:itgen_lge_id})                       |                          |                          |                          |
| Label Singular as Reference | {res:itgen_lge_id                                      |                          |                          |                          |
| Label Plural                | Language IDs ({res:itgen_lge_ids})                     |                          |                          |                          |
| Label Plural as Reference   | Language IDs ({res:itgen_lge_ids})                     |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                     |                          |                          |                          |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name           | Code | Label Plural                    |
|----------------|------|---------------------------------|
| itgen_settings | stg  | Settings ({res:itgen_settings}) |

#### Indexes

| Name                                     | Create                              | Unique                              |
|--|-------------------------------------|-------------------------------------|
| <a href="#">bubs_ame_nk</a>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_pk</a>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_uk_omschrijving</a> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_uk_orig</a>         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.stg.itgen\_stg\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_stg_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name  | Position | Documentation |
|-------|----------|---------------|
| dummy | 1        |               |

##### itgen.stg.itgen\_stg\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_stg_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

#### Referential Constraints

| Name             | Column           | Column Referenced            | Role |
|------------------|------------------|------------------------------|------|
| itgen_stg_lge_fk | itgen.stg.lge_id | <a href="#">itgen.lge.id</a> |      |

#### Table Contents

| Natural Key | Field                | Value  |
|-------------|----------------------|--|
| ERROR       | TABLE itgen_settings | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Definition**

**tcn - itgen\_table\_columns**

|                                |   |
|--------------------------------|---|
| Code                           | tcn   |
| Name                           | itgen_table_columns   |
| Definition                     | A specific data element associated with a table row.  |
| Example                        | The birthdate of the person 'John' is Oct 24, 1968.   |
| Autocompleted                  | <input type="checkbox"/>  |
| Create                         | <input checked="" type="checkbox"/>   |
| Create History                 | <input checked="" type="checkbox"/>   |
| Show History                   | <input checked="" type="checkbox"/>   |
| User May Delete                | <input type="checkbox"/>  |
| User May Insert                | <input type="checkbox"/>  |
| User May Select                | <input type="checkbox"/>  |
| User May Update                | <input type="checkbox"/>  |
| Interface?                     | <input type="checkbox"/>  |
| Derived                        | <input type="checkbox"/>  |
| Default Reference Columns      | id,name,data_type,data_length,data_length_type,data_precision,data_scale,nullable_flag,conversion,transaction |
| Data Category                  | definition example  |
| Label Plural                   | Table Columns ({res:itgen_table_columns})   |
| Label Plural when Referenced   | Table Columns ({res:itgen_table_columns})   |
| Label Singular                 | Table Column ({res:itgen_table_column})   |
| Label Singular when Referenced | Table Column ({res:itgen_table_column})   |
| Number of Rows                 |   |
| Documentation                  |   |

## Applications

## itgen - Invantive Producer

## Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

## Table Columns

| Name                     | Data Type           | Opt.                                | Label Singular  | Definition   |
|--------------------------|---------------------|-------------------------------------|---|--|
| add_order                | varchar2(30 char)   | <input type="checkbox"/>            | Add Purchase Order ({res:itgen_add_order})                      | Add purchase order                                       |
| autocompleted_flag       | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag})                  | Indicator whether this row was added by autocomplete.    |
| confidential_flag        | char(1 byte)        | <input type="checkbox"/>            | Confidential ({res:itgen_confidential_flag})                    | ?  |
| create_flag              | char(1 byte)        | <input type="checkbox"/>            | Create ({res:itgen_create_flag})                                | Indicator whether the table column will be created       |
| data_type                | varchar2(30 char)   | <input type="checkbox"/>            | Data Type ({res:itgen_data_type})                               | Data type of the table column                            |
| definition               | varchar2(4000 char) | <input type="checkbox"/>            | Definition ({res:itgen_definition})                             | Functional definition of the table column                |
| derived_flag             | char(1 byte)        | <input type="checkbox"/>            | Derived ({res:itgen_derived_flag})                              | ?  |
| display_filter_flag      | char(1 byte)        | <input type="checkbox"/>            | Display in Filter ({res:itgen_display_filter_flag})             | Indicator whether to display in filter                   |
| display_lov_flag         | char(1 byte)        | <input type="checkbox"/>            | Display in LOV ({res:itgen_display_lov_flag})                   | Indicator whether to display in LOV                      |
| display_record_flag      | char(1 byte)        | <input type="checkbox"/>            | Display in Record ({res:itgen_display_record_flag})             | Indicator whether to display in record area              |
| display_results_flag     | char(1 byte)        | <input type="checkbox"/>            | Display in Search Results ({res:itgen_display_results_flag})    | Indicator whether to display in search results           |
| example                  | varchar2(4000 char) | <input type="checkbox"/>            | Example ({res:itgen_example})                                   | Example of the content of the column                     |
| id                       | number(15, 0)       | <input type="checkbox"/>            |   | ?  |
| name                     | varchar2(30 char)   | <input type="checkbox"/>            | Name ({res:itgen_name})   | Name of the table column.                                |
| nullable_flag            | char(1 byte)        | <input type="checkbox"/>            | Nullable ({res:itgen_nullable_flag})                            | ?  |
| tbe_id                   | number(15, 0)       | <input type="checkbox"/>            | {res:itgen_tbe_id}  | Reference to a table registered in ITGEN_TABLES.         |
| translatable_flag        | char(1 byte)        | <input type="checkbox"/>            | Translatable ({res:itgen_translatable_flag})                    | Indicator whether the column contains translatable text. |
| conversion               | varchar2(4000 char) | <input checked="" type="checkbox"/> | Conversion ({res:itgen_conversion})                             | Conversion if field depends on other values              |
| data_length              | number(8, 0)        | <input checked="" type="checkbox"/> | Data Length ({res:itgen_data_length})                           | Length of the column                                     |
| data_length_type         | char(1 byte)        | <input checked="" type="checkbox"/> | Data Length Type ({res:itgen_data_length_type})                 | Acronym of the data type with the length                 |
| data_precision           | number(8, 0)        | <input checked="" type="checkbox"/> | Data Precision ({res:itgen_data_precision})                     | Precision with the data type                             |
| data_scale               | number(8, 0)        | <input checked="" type="checkbox"/> | Data Scale ({res:itgen_data_scale})                             | Scale with the data type                                 |
| default_value_expression | varchar2(4000 char) | <input checked="" type="checkbox"/> | Default Value Expression ({res:itgen_default_value_expression}) | Expression for the default value                         |
| definition_manual        | varchar2(4000 char) | <input checked="" type="checkbox"/> | Definition for Manual ({res:itgen_definition_manual})           | ?  |
| definition_manual_l      | clob                | <input checked="" type="checkbox"/> | Definition for Manual ({res:itgen_definition_manual_l})         | ?  |
| display_control_name     | varchar2(30 char)   | <input checked="" type="checkbox"/> | Display Control Name ({res:itgen_display_control_name})         | Type of control to be used for in/output.                |
| display_control_options  | varchar2(240 char)  | <input checked="" type="checkbox"/> | Display Control Options ({res:itgen_display_control_options})   | Options for the control.                                 |
| display_order            | number(5, 0)        | <input checked="" type="checkbox"/> | Display Order ({res:itgen_display_order})                       | Order in which the controls are displayed                |
| documentation            | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})                       | Documentation on the table column.                       |



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## Applications

## itgen - Invantive Producer

## Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

## Table Columns

| Name                               | Data Type          | Opt.                                | Label Singular   | Definition  |
|------------------------------------|--------------------|-------------------------------------|--|---|
| <a href="#">documentation_l</a>    | clob               | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation_l})                  | Documentation on the table column. Will replace the column 'documentation' in the future. |
| <a href="#">label_plural</a>       | varchar2(120 char) | <input checked="" type="checkbox"/> | Label Plural ({res:itgen_label_plural})                      | Label plural  |
| <a href="#">label_plural_ref</a>   | varchar2(120 char) | <input checked="" type="checkbox"/> | Label Plural as Reference ({res:itgen_label_plural_ref})     | Label plural when referenced  |
| <a href="#">label_singular</a>     | varchar2(120 char) | <input checked="" type="checkbox"/> | Label Singular ({res:itgen_label_singular})                  | Label singular  |
| <a href="#">label_singular_ref</a> | varchar2(120 char) | <input checked="" type="checkbox"/> | Label Singular as Reference ({res:itgen_label_singular_ref}) | Label singular when referenced  |
| <a href="#">legacy_name</a>        | varchar2(240 char) | <input checked="" type="checkbox"/> | Legacy Name ({res:itgen_legacy_name})                        | ?   |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.add\_order - add\_order**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | add_order                                  |                          |                          |                          |
| Definition                  | Add purchase order                         |                          |                          |                          |
| Example                     | B041                                       |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)                          |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                   |                          |                          |                          |
| Display                     | In Search Filter                           | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                   |                          |                          |                          |
| System Column               | <input type="checkbox"/>                   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>        |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Add Purchase Order ({res:itgen_add_order}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_add_order}                      |                          |                          |                          |
| Label Plural                | Add Orders ({res:itgen_add_orders})        |                          |                          |                          |
| Label Plural as Reference   | Add Orders ({res:itgen_add_orders})        |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001                                       |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                       |                          |                          |                          |

**itgen.tcn.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag}                        |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |



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**Applications**

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**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.confidential\_flag - confidential\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | confidential_flag                            |                          |                          |                          |
| Definition                  | ?  |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)                                 |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                     |                          |                          |                          |
| Display                     | In Search Filter                             | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Confidential ({res:itgen_confidential_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_confidential_flag                 |                          |                          |                          |
| Label Plural                | {res:itgen_confidential_flags}               |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_confidential_flags}               |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                         |                          |                          |                          |

**itgen.tcn.conversion - conversion**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | conversion                                  |                          |                          |                          |
| Definition                  | Conversion if field depends on other values |                          |                          |                          |
| Example                     | 'coalesce(:orig, 'system)'                  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Conversion ({res:itgen_conversion})         |                          |                          |                          |
| Label Singular as Reference | {res:itgen_conversion                       |                          |                          |                          |
| Label Plural                | Conversions ({res:itgen_conversions})       |                          |                          |                          |
| Label Plural as Reference   | Conversions ({res:itgen_conversions})       |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |



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**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.create\_flag - create\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | create_flag  |                          |                          |                          |
| Definition                  | Indicator whether the table column will be created |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)                                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                           |                          |                          |                          |
| Display                     | In Search Filter                                   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                           |                          |                          |                          |
| System Column               | <input type="checkbox"/>                           |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                           |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                           |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                           |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Create ({res:itgen_create_flag})                   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_create_flag                             |                          |                          |                          |
| Label Plural                | Creates ({res:itgen_create_flags})                 |                          |                          |                          |
| Label Plural as Reference   | Creates ({res:itgen_create_flags})                 |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                               |                          |                          |                          |

**itgen.tcn.data\_length - data\_length**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | data_length                             |                          |                          |                          |
| Definition                  | Length of the column                    |                          |                          |                          |
| Example                     | '128'                                   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(8, 0)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Data Length ({res:itgen_data_length})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_length                  |                          |                          |                          |
| Label Plural                | Data Lengths ({res:itgen_data_lengths}) |                          |                          |                          |
| Label Plural as Reference   | Data Lengths ({res:itgen_data_lengths}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | :orig                                   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.data\_length\_type - data\_length\_type**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | data_length_type                                  |                          |                          |                          |
| Definition                  | Acronym of the data type with the length          |                          |                          |                          |
| Example                     | 'C'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                      |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>               |                          |                          |                          |
| Display                     | In Search Filter                                  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                          |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Data Length Type ({res:itgen_data_length_type})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_length_type                       |                          |                          |                          |
| Label Plural                | Data Length Types ({res:itgen_data_length_types}) |                          |                          |                          |
| Label Plural as Reference   | Data Length Types ({res:itgen_data_length_types}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.tcn.data\_precision - data\_precision**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | data_precision                                |                          |                          |                          |
| Definition                  | Precision with the data type                  |                          |                          |                          |
| Example                     | '15'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(8, 0)                                  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Data Precision ({res:itgen_data_precision})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_precision                     |                          |                          |                          |
| Label Plural                | Data Precisions ({res:itgen_data_precisions}) |                          |                          |                          |
| Label Plural as Reference   | Data Precisions ({res:itgen_data_precisions}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.data\_scale - data\_scale**

|                             |                                       |                          |                          |                          |
|-----------------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | data_scale                            |                          |                          |                          |
| Definition                  | Scale with the data type              |                          |                          |                          |
| Example                     | '0'                                   |                          |                          |                          |
| Definition for Manual       |                                       |                          |                          |                          |
| Documentation               |                                       |                          |                          |                          |
| Data Type                   | number(8, 0)                          |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>              |                          |                          |                          |
| System Column               | <input type="checkbox"/>              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>              |                          |                          |                          |
| Expression Default Value    |                                       |                          |                          |                          |
| Label Singular              | Data Scale ({res:itgen_data_scale})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_scale                 |                          |                          |                          |
| Label Plural                | Data Scales ({res:itgen_data_scales}) |                          |                          |                          |
| Label Plural as Reference   | Data Scales ({res:itgen_data_scales}) |                          |                          |                          |
| Display Order               |                                       |                          |                          |                          |
| Add Purchase Order          | A001                                  |                          |                          |                          |
| Conversion                  | :orig                                 |                          |                          |                          |

**itgen.tcn.data\_type - data\_type**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | data_type                           |                          |                          |                          |
| Definition                  | Data type of the table column       |                          |                          |                          |
| Example                     | 'itgen_data_type_varchar2'          |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(30 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Data Type ({res:itgen_data_type})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_type                |                          |                          |                          |
| Label Plural                | Data Types ({res:itgen_data_types}) |                          |                          |                          |
| Label Plural as Reference   | Data Types ({res:itgen_data_types}) |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |



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**Applications**

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**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.default\_value\_expression - default\_value\_expression**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | default_value_expression  |                          |                          |                          |
| Definition                  | Expression for the default value                                  |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Default Value Expression ({res:itgen_default_value_expression})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_default_value_expression                               |                          |                          |                          |
| Label Plural                | Default Value Expressions ({res:itgen_default_value_expressions}) |                          |                          |                          |
| Label Plural as Reference   | Default Value Expressions ({res:itgen_default_value_expressions}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.tcn.definition - definition**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | definition  |                          |                          |                          |
| Definition                  | Functional definition of the table column   |                          |                          |                          |
| Example                     | 'The name of the user in BUBS_GEBRUIKERS whom created the record. This value will never change after creation of the record.' |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Definition ({res:itgen_definition})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_definition   |                          |                          |                          |
| Label Plural                | Definitions ({res:itgen_definitions})   |                          |                          |                          |
| Label Plural as Reference   | Definitions ({res:itgen_definitions})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.definition\_manual - definition\_manual**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | definition_manual                                       |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                     |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Definition for Manual ({res:itgen_definition_manual})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_definition_manual                            |                          |                          |                          |
| Label Plural                | Definitions for Manual ({res:itgen_definition_manuels}) |                          |                          |                          |
| Label Plural as Reference   | Definitions for Manual ({res:itgen_definition_manuels}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.tcn.definition\_manual\_I - definition\_manual\_I**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | definition_manual_I                                     |                          |                          |                          |
| Definition                  | ?   |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | clob  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Definition for Manual ({res:itgen_definition_manual_I}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_definition_manual_I                          |                          |                          |                          |
| Label Plural                | Definitions for Manual ({res:itgen_definition_manuels}) |                          |                          |                          |
| Label Plural as Reference   | Definitions for Manual ({res:itgen_definition_manuels}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.derived\_flag - derived\_flag**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | derived_flag                        |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | 'N'                                 |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | char(1 byte)                        |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              | Derived ({res:itgen_derived_flag})  |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_derived_flag             |   |                                 |                                    |  |
| Label Plural                | Derived ({res:itgen_derived_flags}) |   |                                 |                                    |  |
| Label Plural as Reference   | Derived ({res:itgen_derived_flags}) |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, '?')                |   |                                 |                                    |  |

**itgen.tcn.display\_control\_name - display\_control\_name**

|                             |   |   |                                 |                                    |  |
|-----------------------------|---|---|---------------------------------|------------------------------------|--|
| Name                        | display_control_name                                    |   |                                 |                                    |  |
| Definition                  | Type of control to be used for in/output.               |   |                                 |                                    |  |
| Example                     | percentageFormatter                                     |   |                                 |                                    |  |
| Definition for Manual       |   |   |                                 |                                    |  |
| Documentation               |   |   |                                 |                                    |  |
| Data Type                   | varchar2(30 char)                                       |   |                                 |                                    |  |
| Nullable                    | <input checked="" type="checkbox"/>                     |   |                                 |                                    |  |
| Display                     |   | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>                                |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>                     |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>                                |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>                                |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>                                |   |                                 |                                    |  |
| Expression Default Value    |   |   |                                 |                                    |  |
| Label Singular              | Display Control Name ({res:itgen_display_control_name}) |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_display_control_name                         |   |                                 |                                    |  |
| Label Plural                | {res:itgen_display_control_names}                       |   |                                 |                                    |  |
| Label Plural as Reference   | {res:itgen_display_control_names}                       |   |                                 |                                    |  |
| Display Order               |   |   |                                 |                                    |  |
| Add Purchase Order          | A001  |   |                                 |                                    |  |
| Conversion                  | :orig   |   |                                 |                                    |  |





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**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.display\_control\_options - display\_control\_options**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_control_options                                       |                          |                          |                          |
| Definition                  | Options for the control.                                      |                          |                          |                          |
| Example                     | <decimalsDisplay>2</decimalsDisplay>                          |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display Control Options ({res:itgen_display_control_options}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_control_options                            |                          |                          |                          |
| Label Plural                | {res:itgen_display_control_optionses}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_display_control_optionses}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.tcn.display\_filter\_flag - display\_filter\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_filter_flag                                 |                          |                          |                          |
| Definition                  | Indicator whether to display in filter              |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter                                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                            |                          |                          |                          |
| System Column               | <input type="checkbox"/>                            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                            |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display in Filter ({res:itgen_display_filter_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_filter_flag                      |                          |                          |                          |
| Label Plural                | {res:itgen_display_filter_flags}                    |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_display_filter_flags}                    |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.display\_lov\_flag - display\_lov\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_lov_flag                                |                          |                          |                          |
| Definition                  | Indicator whether to display in LOV             |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                    |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                        |                          |                          |                          |
| Display                     | In Search Filter                                | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                        |                          |                          |                          |
| System Column               | <input type="checkbox"/>                        |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                        |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                        |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                        |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display in LOV ({res:itgen_display_lov_flag})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_lov_flag                     |                          |                          |                          |
| Label Plural                | Display in LOVs ({res:itgen_display_lov_flags}) |                          |                          |                          |
| Label Plural as Reference   | Display in LOVs ({res:itgen_display_lov_flags}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                            |                          |                          |                          |

**itgen.tcn.display\_order - display\_order**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_order                             |                          |                          |                          |
| Definition                  | Order in which the controls are displayed |                          |                          |                          |
| Example                     | 20  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(5, 0)                              |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Display                     | In Search Filter                          | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display Order ({res:itgen_display_order}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_order                  |                          |                          |                          |
| Label Plural                | {res:itgen_display_orders}                |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_display_orders}                |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                      |                          |                          |                          |
| Conversion                  | :orig                                     |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.display\_record\_flag - display\_record\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | display_record_flag                                  |                          |                          |                          |
| Definition                  | Indicator whether to display in record area          |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Display in Record ({res:itgen_display_record_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_record_flag                       |                          |                          |                          |
| Label Plural                | Display in Record ({res:itgen_display_record_flags}) |                          |                          |                          |
| Label Plural as Reference   | Display in Record ({res:itgen_display_record_flags}) |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                 |                          |                          |                          |

**itgen.tcn.display\_results\_flag - display\_results\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_results_flag  |                          |                          |                          |
| Definition                  | Indicator whether to display in search results                |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                      |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display in Search Results ({res:itgen_display_results_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_results_flag                               |                          |                          |                          |
| Label Plural                | Display in Search Results ({res:itgen_display_results_flags}) |                          |                          |                          |
| Label Plural as Reference   | Display in Search Results ({res:itgen_display_results_flags}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.documentation - documentation**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation                               |                          |                          |                          |
| Definition                  | Documentation on the table column.          |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation                    |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.tcn.documentation\_I - documentation\_I**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | documentation_I   |                          |                          |                          |
| Definition                  | Documentation on the table column. Will replace the column 'documentation' in the future. |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | clob  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation_I})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation_I  |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})   |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.example - example**

|                             |                                      |                          |                          |                          |
|-----------------------------|--------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | example                              |                          |                          |                          |
| Definition                  | Example of the content of the column |                          |                          |                          |
| Example                     | 3                                    |                          |                          |                          |
| Definition for Manual       |                                      |                          |                          |                          |
| Documentation               |                                      |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>             |                          |                          |                          |
| Display                     | In Search Filter                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>             |                          |                          |                          |
| System Column               | <input type="checkbox"/>             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>             |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |                                      |                          |                          |                          |
| Label Singular              | Example ({res:itgen_example})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_example                   |                          |                          |                          |
| Label Plural                | Examples ({res:itgen_examples})      |                          |                          |                          |
| Label Plural as Reference   | Examples ({res:itgen_examples})      |                          |                          |                          |
| Display Order               |                                      |                          |                          |                          |
| Add Purchase Order          | A001                                 |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                 |                          |                          |                          |

**itgen.tcn.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.label\_plural - label\_plural**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | label_plural                            |                          |                          |                          |
| Definition                  | Label plural                            |                          |                          |                          |
| Example                     | ?                                       |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(120 char)                      |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Label Plural ({res:itgen_label_plural}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_plural}                |                          |                          |                          |
| Label Plural                | {res:itgen_label_plurals}               |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_plurals}               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | :orig                                   |                          |                          |                          |

**itgen.tcn.label\_plural\_ref - label\_plural\_ref**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | label_plural_ref   |                          |                          |                          |
| Definition                  | Label plural when referenced                             |                          |                          |                          |
| Example                     | ?  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(120 char)                                       |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Label Plural as Reference ({res:itgen_label_plural_ref}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_plural_ref}                             |                          |                          |                          |
| Label Plural                | {res:itgen_label_plural_refs}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_plural_refs}                            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.label\_singular - label\_singular**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | label_singular                              |                          |                          |                          |
| Definition                  | Label singular                              |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(120 char)                          |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Label Singular ({res:itgen_label_singular}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_singular                   |                          |                          |                          |
| Label Plural                | {res:itgen_label_singulars}                 |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_singulars}                 |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.tcn.label\_singular\_ref - label\_singular\_ref**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | label_singular_ref   |                          |                          |                          |
| Definition                  | Label singular when referenced                               |                          |                          |                          |
| Example                     | ?  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(120 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Label Singular as Reference ({res:itgen_label_singular_ref}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_singular_ref                                |                          |                          |                          |
| Label Plural                | {res:itgen_label_singular_refs}                              |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_singular_refs}                              |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.legacy\_name - legacy\_name**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | legacy_name                             |                          |                          |                          |
| Definition                  | ?                                       |                          |                          |                          |
| Example                     | ?                                       |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                      |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Legacy Name ({res:itgen_legacy_name})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_legacy_name                  |                          |                          |                          |
| Label Plural                | Legacy Names ({res:itgen_legacy_names}) |                          |                          |                          |
| Label Plural as Reference   | Legacy Names ({res:itgen_legacy_names}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | :orig                                   |                          |                          |                          |

**itgen.tcn.name - name**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | name                                |                          |                          |                          |
| Definition                  | Name of the table column.           |                          |                          |                          |
| Example                     | code                                |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(30 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Name ({res:itgen_name})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name                     |                          |                          |                          |
| Label Plural                | Names ({res:itgen_names})           |                          |                          |                          |
| Label Plural as Reference   | Names ({res:itgen_names})           |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.nullable\_flag - nullable\_flag**

|                             |                                       |   |                                 |                                    |  |
|-----------------------------|---------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | nullable_flag                         |   |                                 |                                    |  |
| Definition                  | ?                                     |   |                                 |                                    |  |
| Example                     | 'Y'                                   |   |                                 |                                    |  |
| Definition for Manual       |                                       |   |                                 |                                    |  |
| Documentation               |                                       |   |                                 |                                    |  |
| Data Type                   | char(1 byte)                          |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>              |   |                                 |                                    |  |
| Display                     |                                       | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>              |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>              |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>   |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>              |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>              |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>              |   |                                 |                                    |  |
| Expression Default Value    |                                       |   |                                 |                                    |  |
| Label Singular              | Nullable ({res:itgen_nullable_flag})  |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_nullable_flag              |   |                                 |                                    |  |
| Label Plural                | Nullable ({res:itgen_nullable_flags}) |   |                                 |                                    |  |
| Label Plural as Reference   | Nullable ({res:itgen_nullable_flags}) |   |                                 |                                    |  |
| Display Order               |                                       |   |                                 |                                    |  |
| Add Purchase Order          | A001                                  |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, '?')                  |   |                                 |                                    |  |

**itgen.tcn.tbe\_id - tbe\_id**

|                             |  |   |                                 |                                    |  |
|-----------------------------|--|---|---------------------------------|------------------------------------|--|
| Name                        | tbe_id   |   |                                 |                                    |  |
| Definition                  | Reference to a table registered in ITGEN_TABLES. |   |                                 |                                    |  |
| Example                     | 21   |   |                                 |                                    |  |
| Definition for Manual       |  |   |                                 |                                    |  |
| Documentation               |  |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                                    |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>                         |   |                                 |                                    |  |
| Display                     |  | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                         |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>                         |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>              |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>                         |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>                         |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>                         |   |                                 |                                    |  |
| Expression Default Value    |  |   |                                 |                                    |  |
| Label Singular              | {res:itgen_tbe_id}                               |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_tbe_id                                |   |                                 |                                    |  |
| Label Plural                | {res:itgen_tbe_ids}                              |   |                                 |                                    |  |
| Label Plural as Reference   | {res:itgen_tbe_ids}                              |   |                                 |                                    |  |
| Display Order               |  |   |                                 |                                    |  |
| Add Purchase Order          | A001   |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                               |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Table Column Details**

**itgen.tcn.translatable\_flag - translatable\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | translatable_flag  |                          |                          |                          |
| Definition                  | Indicator whether the column contains translatable text. |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                 |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Translatable ({res:itgen_translatable_flag})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_translatable_flag                             |                          |                          |                          |
| Label Plural                | Translatable ({res:itgen_translatable_flags})            |                          |                          |                          |
| Label Plural as Reference   | Translatable ({res:itgen_translatable_flags})            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                     |                          |                          |                          |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

#### Indexes

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.tcn.itgen\_tcn\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tcn_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| tbe_id | 1        |               |
| name   | 2        |               |

##### itgen.tcn.itgen\_tcn\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tcn_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

##### itgen.tcn.itgen\_tcn\_nuk\_label\_singular

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tcn_nuk_label_singular        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name           | Position | Documentation |
|----------------|----------|---------------|
| label_singular | 1        |               |

##### itgen.tcn.itgen\_tcn\_nuk\_name

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tcn_nuk_name                  |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name | Position | Documentation |
|------|----------|---------------|
| name | 1        |               |

##### itgen.tcn.itgen\_tcn\_n1

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tcn_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |



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**Applications**

itgen - Invantive Producer

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Indexes**

**Index Columns**

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

**itgen.tcn.itgen\_tcn\_tbe\_fk**

Name: itgen\_tcn\_tbe\_fk  
 Create:   
 Unique:   
 Documentation:

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| tbe_id | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced            | Role |
|------------------|------------------|------------------------------|------|
| itgen_tcn_tbe_fk | itgen.tcn.tbe_id | <a href="#">itgen.tbe.id</a> |      |



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## Applications

### itgen - Invantive Producer

#### Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

#### Attribute Rules

##### itgen.tcn.atr004 - 20 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr004   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | (:last.tcn_data_type in ('bfile', 'blob', 'clob', 'char', 'date', 'number', 'varchar2', 'datetime', 'time'))   |
| Action Specification     |  |
| User Message             | Change the data type to a valid value. ({res:itgen_atr004_user_message})   |
| Documentation            | The data type must be either 'bfile', 'blob', 'clob', 'char', 'date', 'number', 'varchar2', 'datetime' or 'time'. ({res:itgen_atr004_documentation}) |

##### itgen.tcn.atr005 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr005  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | (:last.tcn_data_length is not null and :last.tcn_data_type in ('char', 'varchar2') ) or ( :last.tcn_data_length is null and :last.tcn_data_type not in ('char', 'varchar2') ) |
| Action Specification     |   |
| User Message             | Enter the data length when it concerns a char or varchar2 columns. Otherwise, remove the data length. ({res:itgen_atr005_user_message})                                       |
| Documentation            | Data length is required for char and varchar2 columns. For all other data types, the data length must be empty. ({res:itgen_atr005_documentation})                            |

##### itgen.tcn.atr006 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr006  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( :last.tcn_data_length > 0 or :last.tcn_data_length is null )                      |
| Action Specification     |   |
| User Message             | Correct the data length. ({res:itgen_atr006_user_message})                          |
| Documentation            | The data length must be empty or more than zero. ({res:itgen_atr006_documentation}) |

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## Applications

### itgen - Invantive Producer

## Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

## Attribute Rules

### itgen.tcn.atr007 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr007  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( :last.tcn_data_scale >= 0 or :last.tcn_data_scale is null)                      |
| Action Specification     |   |
| User Message             | Change the data scale. ({res:itgen_atr007_user_message})                          |
| Documentation            | The data scale must be empty or at least zero. ({res:itgen_atr007_documentation}) |

### itgen.tcn.atr008 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr008  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( :last.tcn_data_precision >= 0 or :last.tcn_data_precision is null)                  |
| Action Specification     |   |
| User Message             | Change the data precision. ({res:itgen_atr008_user_message})                          |
| Documentation            | The data precision must be empty or at least zero. ({res:itgen_atr008_documentation}) |

### itgen.tcn.atr009 - 20 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr009   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | ( ( :last.tcn_data_type in ('char', 'varchar2') and :last.tcn_data_length_type in ('B', 'C') ) or ( :last.tcn_data_type not in ('char', 'varchar2') and :last.tcn_data_length_type is null ) ) |
| Action Specification     |  |
| User Message             | Change the data length type to bytes ('B') or characters ('C') for char and varchar2 column. Otherwise, remove it. ({res:itgen_atr009_user_message})   |
| Documentation            | The data length type must be in either bytes ('B') or characters ('C') for char and varchar2 column. Otherwise, it must be empty. ({res:itgen_atr009_documentation})                           |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

#### Attribute Rules

##### itgen.tcn.atr010 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr010  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( ( :last.tcn_data_precision is not null and :last.tcn_data_type = 'number' ) or ( :last.tcn_data_precision is null and :last.tcn_data_type <> 'number' ) ) |
| Action Specification     |   |
| User Message             | Correct data precision. ({res:itgen_atr010_user_message})   |
| Documentation            | Data precision is required for number columns and must be empty otherwise. ({res:itgen_atr010_documentation})   |

##### itgen.tcn.atr011 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr011  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( ( :last.tcn_data_scale is not null and :last.tcn_data_type = 'number' ) or ( :last.tcn_data_scale is null and :last.tcn_data_type <> 'number' ) ) |
| Action Specification     |   |
| User Message             | Correct data scale. ({res:itgen_atr011_user_message})   |
| Documentation            | Data scale is required for number columns and must be empty otherwise. ({res:itgen_atr011_documentation})   |

##### itgen.tcn.atr012 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr012  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( length (:last.tcn_name) <= 26 )   |
| Action Specification     |   |
| User Message             | Change the column name to fit in 26 characters. ({res:itgen_atr012_user_message}) |
| Documentation            | The column name must fit within 26 characters. ({res:itgen_atr012_documentation}) |

##### itgen.tcn.atr017 - 10 - Insert - Action

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | atr017                              |
| Event Category           | Insert                              |
| Action Category          | Action                              |
| Action Moment            | B                                   |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input checked="" type="checkbox"/> |
| Constraint Specification | :last.tcn_create_flag is null       |
| Action Specification     | :last.tcn_create_flag := 'Y';       |
| User Message             |                                     |
| Documentation            |                                     |



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**Applications****itgen - Invantive Producer****Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Attribute Rules****itgen.tcn.atr022 - 10 - Insert - Action**

|                          |                                       |
|--------------------------|---------------------------------------|
| Code                     | atr022                                |
| Event Category           | Insert                                |
| Action Category          | Action                                |
| Action Moment            | B                                     |
| Sort Order               | 10                                    |
| Autocompleted            | <input type="checkbox"/>              |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | :last.tcn_display_filter_flag is null |
| Action Specification     | :last.tcn_display_filter_flag := 'Y'; |
| User Message             |                                       |
| Documentation            |                                       |

**itgen.tcn.atr023 - 10 - Insert - Action**

|                          |  |
|--------------------------|--|
| Code                     | atr023                                 |
| Event Category           | Insert                                 |
| Action Category          | Action                                 |
| Action Moment            | B                                      |
| Sort Order               | 10                                     |
| Autocompleted            | <input type="checkbox"/>               |
| Create                   | <input checked="" type="checkbox"/>    |
| Constraint Specification | :last.tcn_display_results_flag is null |
| Action Specification     | :last.tcn_display_results_flag := 'Y'; |
| User Message             |  |
| Documentation            |  |

**itgen.tcn.atr024 - 10 - Insert - Action**

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | atr024                              |
| Event Category           | Insert                              |
| Action Category          | Action                              |
| Action Moment            | B                                   |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input checked="" type="checkbox"/> |
| Constraint Specification | :last.tcn_display_lov_flag is null  |
| Action Specification     | :last.tcn_display_lov_flag := 'Y';  |
| User Message             |                                     |
| Documentation            |                                     |

**itgen.tcn.atr025 - 10 - Insert - Action**

|                          |                                       |
|--------------------------|---------------------------------------|
| Code                     | atr025                                |
| Event Category           | Insert                                |
| Action Category          | Action                                |
| Action Moment            | B                                     |
| Sort Order               | 10                                    |
| Autocompleted            | <input type="checkbox"/>              |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | :last.tcn_display_record_flag is null |
| Action Specification     | :last.tcn_display_record_flag := 'Y'; |
| User Message             |                                       |
| Documentation            |                                       |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Attribute Rules**

**itgen.tcn.atr033 - 10 - Insert - Action**

|                          |                                      |
|--------------------------|--------------------------------------|
| Code                     | atr033                               |
| Event Category           | Insert                               |
| Action Category          | Action                               |
| Action Moment            | B                                    |
| Sort Order               | 10                                   |
| Autocompleted            | <input type="checkbox"/>             |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.tcn_autocompleted_flag is null |
| Action Specification     | :last.tcn_autocompleted_flag := 'N'; |
| User Message             |                                      |
| Documentation            |                                      |

**itgen.tcn.atr036 - 20 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr036   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.tcn_nullable_flag = 'Y' or coalesce(:last.tcn_conversion, ':orig') <> ':orig'                    |
| Action Specification     |  |
| User Message             | Provide a conversion rule. ({res:itgen_atr036_user_message})   |
| Documentation            | A required column must have a conversion rule (other than ':orig'). ({res:itgen_atr036_documentation}) |

**itgen.tcn.atr047 - 20 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr047   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>                                    |
| Constraint Specification | :last.tcn_name = lower(:last.tcn_name)                                 |
| Action Specification     |  |
| User Message             | Correct the name of the column. ({res:itgen_atr047_user_message})      |
| Documentation            | The column name must be lower case. ({res:itgen_atr047_documentation}) |

**itgen.tcn.atr096 - 10 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr096   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | itgen_string.is_7bit_clean(:last.tcn_default_value_expression) = 'Y'   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr096_user_message})                                 |
| Documentation            | Expression Default Value may not include characters outside the US ASCII character set. ({res:itgen_atr096_documentation}) |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_table_columns | tcn  | Table Columns ({res:itgen_table_columns}) |

**Attribute Rules**

**itgen.tcn.atr097 - 10 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr097   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.tcn_conversion) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr097_user_message})                   |
| Documentation            | Conversion may not include characters outside the US ASCII character set. ({res:itgen_atr097_documentation}) |

**itgen.tcn.atr127 - 20 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr127  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>(:last.tcn_display_control_name is null or :last.tcn_display_control_name in ('text', 'checkbox', 'date', 'datetime', 'time', 'picklist', 'percentage', 'amount', 'integer', 'textarea', 'decimal'))</code> |
| Action Specification     |   |
| User Message             | Change the Display Control Name. ({res:itgen_atr127_user_message})  |
| Documentation            | Display Control Name must be empty or one of 'text', 'checkbox', 'date', 'datetime', 'time', 'picklist', 'percentage', 'amount', 'integer' or 'textarea'. ({res:itgen_atr127_documentation})                      |

**itgen.tcn.dft129 - 10 - Insert - Action**

|                          |  |
|--------------------------|--|
| Code                     | dft129   |
| Event Category           | Insert   |
| Action Category          | Action   |
| Action Moment            | B  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>                                   |
| Create                   | <input checked="" type="checkbox"/>                        |
| Constraint Specification | <code>:new.tcn_translatable_flag is null</code>            |
| Action Specification     | <code>:new.tcn_translatable_flag := 'N';</code>            |
| User Message             |  |
| Documentation            | The translatable flag is defaulted to 'N' if not provided. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Definition**

**tbe - itgen\_tables**

|                                |   |
|--------------------------------|---|
| Code                           | tbe   |
| Name                           | itgen_tables  |
| Definition                     | Permanent storage of information in rows. Each row contains one or multiple pieces of information, each stored into a column. |
| Example                        | All relevant information on a person.   |
| Autocompleted                  | <input type="checkbox"/>  |
| Create                         | <input checked="" type="checkbox"/>   |
| Create History                 | <input checked="" type="checkbox"/>   |
| Show History                   | <input checked="" type="checkbox"/>   |
| User May Delete                | <input type="checkbox"/>  |
| User May Insert                | <input type="checkbox"/>  |
| User May Select                | <input type="checkbox"/>  |
| User May Update                | <input type="checkbox"/>  |
| Interface?                     | <input type="checkbox"/>  |
| Derived                        | <input type="checkbox"/>  |
| Default Reference Columns      | id,name,code,definition,example,default_ref_columns,create_flag,is_interface_flag,data_category,                              |
| Data Category                  | derived_flag,create_flag,transaction  |
| Label Plural                   | Tables ({res:itgen_tables})   |
| Label Plural when Referenced   | Tables ({res:itgen_tables})   |
| Label Singular                 | Table ({res:itgen_table})   |
| Label Singular when Referenced | Table ({res:itgen_table})   |
| Number of Rows                 |   |
| Documentation                  |   |

Applications

itgen - Invantive Producer

Tables

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

Table Columns

| Name                      | Data Type           | Opt.                                | Label Singular   | Definition  |
|---------------------------|---------------------|-------------------------------------|--|---|
| apn_id                    | number(15, 0)       | <input type="checkbox"/>            | Application ID ({res:itgen_apn_id})                          | Reference to an application registered in ITGEN_APPLICATIONS.                                   |
| autocompleted_flag        | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag})               | Indicator whether this row was added by autocomplete.   |
| code                      | varchar2(6 char)    | <input type="checkbox"/>            | Code ({res:itgen_code})                                      | Unique alphanumeric code.   |
| create_flag               | char(1 byte)        | <input type="checkbox"/>            | Create ({res:itgen_create_flag})                             | Indicator whether the table will be created   |
| create_history_flag       | char(1 byte)        | <input type="checkbox"/>            | Maintain History? ({res:itgen_create_history_flag})          | Indicator whether history will be maintained  |
| data_category             | char(1 byte)        | <input type="checkbox"/>            | Data Category ({res:itgen_data_category})                    | Category on how the table is populated  |
| default_ref_columns       | varchar2(4000 char) | <input type="checkbox"/>            | Default Reference Columns ({res:itgen_default_ref_columns})  | Default reference columns   |
| definition                | varchar2(4000 char) | <input type="checkbox"/>            | Definition ({res:itgen_definition})                          | Functional definition?  |
| derived_flag              | char(1 byte)        | <input type="checkbox"/>            | Derived ({res:itgen_derived_flag})                           | Indicator whether the contents of this table are fully derived from data in other tables.       |
| example                   | varchar2(4000 char) | <input type="checkbox"/>            | Example ({res:itgen_example})                                | Functional example  |
| grant_delete_to_user_flag | char(1 byte)        | <input type="checkbox"/>            | User May Delete ({res:itgen_grant_delete_to_user_flag})      | Indicator whether the user may delete   |
| grant_insert_to_user_flag | char(1 byte)        | <input type="checkbox"/>            | User May Insert ({res:itgen_grant_insert_to_user_flag})      | Indicator whether the user may insert   |
| grant_select_to_user_flag | char(1 byte)        | <input type="checkbox"/>            | User May Select ({res:itgen_grant_select_to_user_flag})      | Indicator whether the user may select   |
| grant_update_to_user_flag | char(1 byte)        | <input type="checkbox"/>            | User May Update ({res:itgen_grant_update_to_user_flag})      | Indicator whether the user may update   |
| id                        | number(15, 0)       | <input type="checkbox"/>            |  | ?   |
| is_interface_flag         | char(1 byte)        | <input type="checkbox"/>            | Interface? ({res:itgen_is_interface_flag})                   | Indicator whether this table is used to load/extract data from the actual application.          |
| label_plural              | varchar2(240 char)  | <input type="checkbox"/>            | Label Plural ({res:itgen_label_plural})                      | Label plural  |
| label_plural_ref          | varchar2(240 char)  | <input type="checkbox"/>            | Label Plural as Reference ({res:itgen_label_plural_ref})     | Label plural when referenced  |
| label_singular            | varchar2(240 char)  | <input type="checkbox"/>            | Label Singular ({res:itgen_label_singular})                  | Label singular  |
| label_singular_ref        | varchar2(240 char)  | <input type="checkbox"/>            | Label Singular as Reference ({res:itgen_label_singular_ref}) | Label singular when referenced  |
| name                      | varchar2(30 char)   | <input type="checkbox"/>            | Name ({res:itgen_name})                                      | Name of the table.  |
| show_history_flag         | char(1 byte)        | <input type="checkbox"/>            | Show History? ({res:itgen_show_history_flag})                | Indicator whether history will be shown   |
| default_select_columns    | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:itgen_default_select_columns}                           | Default select columns  |
| documentation             | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})                    | Documentation on the table.   |
| documentation_l           | clob                | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation_l})                  | Documentation on the table. Will replace the column 'documentation' in the future.              |
| legacy_name               | varchar2(240 char)  | <input checked="" type="checkbox"/> | Legacy Name ({res:itgen_legacy_name})                        | Original name of the table in a legacy system from which it was migrated to Invantive Producer. |
| number_rows               | number(15, 0)       | <input checked="" type="checkbox"/> | Number of Rows ({res:itgen_number_rows})                     | Number of rows  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.apn\_id - apn\_id**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | apn_id  |                          |                          |                          |
| Definition                  | Reference to an application registered in ITGEN_APPLICATIONS. |                          |                          |                          |
| Example                     | 3   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                      |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Application ID ({res:itgen_apn_id})                           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_apn_id   |                          |                          |                          |
| Label Plural                | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Label Plural as Reference   | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.tbe.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag                         |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(6 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code   |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')   |                          |                          |                          |

**itgen.tbe.create\_flag - create\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | create_flag                                 |                          |                          |                          |
| Definition                  | Indicator whether the table will be created |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Create ({res:itgen_create_flag})            |                          |                          |                          |
| Label Singular as Reference | {res:itgen_create_flag                      |                          |                          |                          |
| Label Plural                | Creates ({res:itgen_create_flags})          |                          |                          |                          |
| Label Plural as Reference   | Creates ({res:itgen_create_flags})          |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                       |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.create\_history\_flag - create\_history\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | create_history_flag                                 |                          |                          |                          |
| Definition                  | Indicator whether history will be maintained        |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter                                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                            |                          |                          |                          |
| System Column               | <input type="checkbox"/>                            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                            |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Maintain History? ({res:itgen_create_history_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_create_history_flag                      |                          |                          |                          |
| Label Plural                | Create Histories ({res:itgen_create_history_flags}) |                          |                          |                          |
| Label Plural as Reference   | Create Histories ({res:itgen_create_history_flags}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                               |                          |                          |                          |

**itgen.tbe.data\_category - data\_category**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | data_category                                 |                          |                          |                          |
| Definition                  | Category on how the table is populated        |                          |                          |                          |
| Example                     | 1   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                      |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Data Category ({res:itgen_data_category})     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_category                      |                          |                          |                          |
| Label Plural                | Data Categories ({res:itgen_data_categories}) |                          |                          |                          |
| Label Plural as Reference   | Data Categories ({res:itgen_data_categories}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                         |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.default\_ref\_columns - default\_ref\_columns**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | default_ref_columns   |                          |                          |                          |
| Definition                  | Default reference columns                                   |                          |                          |                          |
| Example                     | id,aantal_eeenheden,label_expressie                         |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                    |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Default Reference Columns ({res:itgen_default_ref_columns}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_default_ref_columns                              |                          |                          |                          |
| Label Plural                | {res:itgen_default_ref_columnses}                           |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_default_ref_columnses}                           |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                                       |                          |                          |                          |

**itgen.tbe.default\_select\_columns - default\_select\_columns**

|                             |                                      |                          |                          |                          |
|-----------------------------|--------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | default_select_columns               |                          |                          |                          |
| Definition                  | Default select columns               |                          |                          |                          |
| Example                     | code                                 |                          |                          |                          |
| Definition for Manual       |                                      |                          |                          |                          |
| Documentation               |                                      |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>             |                          |                          |                          |
| System Column               | <input type="checkbox"/>             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>             |                          |                          |                          |
| Expression Default Value    |                                      |                          |                          |                          |
| Label Singular              | {res:itgen_default_select_columns}   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_default_select_columns    |                          |                          |                          |
| Label Plural                | {res:itgen_default_select_columnses} |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_default_select_columnses} |                          |                          |                          |
| Display Order               |                                      |                          |                          |                          |
| Add Purchase Order          | A001                                 |                          |                          |                          |
| Conversion                  | :orig                                |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.definition - definition**

|                             |                                       |                          |                          |                          |
|-----------------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | definition                            |                          |                          |                          |
| Definition                  | Functional definition?                |                          |                          |                          |
| Example                     | Messages to be exchanged.             |                          |                          |                          |
| Definition for Manual       |                                       |                          |                          |                          |
| Documentation               |                                       |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>              |                          |                          |                          |
| Display                     | In Search Filter                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>              |                          |                          |                          |
| System Column               | <input type="checkbox"/>              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>              |                          |                          |                          |
| Expression Default Value    |                                       |                          |                          |                          |
| Label Singular              | Definition ({res:itgen_definition})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_definition                 |                          |                          |                          |
| Label Plural                | Definitions ({res:itgen_definitions}) |                          |                          |                          |
| Label Plural as Reference   | Definitions ({res:itgen_definitions}) |                          |                          |                          |
| Display Order               |                                       |                          |                          |                          |
| Add Purchase Order          | A001                                  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                  |                          |                          |                          |

**itgen.tbe.derived\_flag - derived\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | derived_flag  |                          |                          |                          |
| Definition                  | Indicator whether the contents of this table are fully derived from data in other tables. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Derived ({res:itgen_derived_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_derived_flag   |                          |                          |                          |
| Label Plural                | Derived ({res:itgen_derived_flags})   |                          |                          |                          |
| Label Plural as Reference   | Derived ({res:itgen_derived_flags})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.documentation - documentation**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | documentation  |                          |                          |                          |
| Definition                  | Documentation on the table.  |                          |                          |                          |
| Example                     | Contains projects. There are three types of projects: sub, master and independent. |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation   |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.tbe.documentation\_I - documentation\_I**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | documentation_I  |                          |                          |                          |
| Definition                  | Documentation on the table. Will replace the column 'documentation' in the future. |                          |                          |                          |
| Example                     | Contains projects. There are three types of projects: sub, master and independent. |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | clob   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation_I})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation_I   |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.example - example**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | example   |                          |                          |                          |
| Definition                  | Functional example  |                          |                          |                          |
| Example                     | The mail message to finance@acme.com is registered in BUBS_BERICHTEN. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                                   |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Example ({res:itgen_example})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_example}   |                          |                          |                          |
| Label Plural                | Examples ({res:itgen_examples})                                       |                          |                          |                          |
| Label Plural as Reference   | Examples ({res:itgen_examples})                                       |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.tbe.grant\_delete\_to\_user\_flag - grant\_delete\_to\_user\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | grant_delete_to_user_flag                               |                          |                          |                          |
| Definition                  | Indicator whether the user may delete                   |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | User May Delete ({res:itgen_grant_delete_to_user_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_grant_delete_to_user_flag}                   |                          |                          |                          |
| Label Plural                | {res:itgen_grant_delete_to_user_flags}                  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_grant_delete_to_user_flags}                  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                    |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.grant\_insert\_to\_user\_flag - grant\_insert\_to\_user\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | grant_insert_to_user_flag                               |                          |                          |                          |
| Definition                  | Indicator whether the user may insert                   |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | User May Insert ({res:itgen_grant_insert_to_user_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_grant_insert_to_user_flag                    |                          |                          |                          |
| Label Plural                | {res:itgen_grant_insert_to_user_flags}                  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_grant_insert_to_user_flags}                  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                                   |                          |                          |                          |

**itgen.tbe.grant\_select\_to\_user\_flag - grant\_select\_to\_user\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | grant_select_to_user_flag                               |                          |                          |                          |
| Definition                  | Indicator whether the user may select                   |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | User May Select ({res:itgen_grant_select_to_user_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_grant_select_to_user_flag                    |                          |                          |                          |
| Label Plural                | {res:itgen_grant_select_to_user_flags}                  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_grant_select_to_user_flags}                  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                                   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.grant\_update\_to\_user\_flag - grant\_update\_to\_user\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | grant_update_to_user_flag                               |                          |                          |                          |
| Definition                  | Indicator whether the user may update                   |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | User May Update ({res:itgen_grant_update_to_user_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_grant_update_to_user_flag                    |                          |                          |                          |
| Label Plural                | {res:itgen_grant_update_to_user_flags}                  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_grant_update_to_user_flags}                  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                    |                          |                          |                          |

**itgen.tbe.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

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**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.is\_interface\_flag - is\_interface\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | is_interface_flag  |                          |                          |                          |
| Definition                  | Indicator whether this table is used to load/extract data from the actual application. |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Interface? ({res:itgen_is_interface_flag})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_is_interface_flag   |                          |                          |                          |
| Label Plural                | {res:itgen_is_interface_flags}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_is_interface_flags}   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |

**itgen.tbe.label\_plural - label\_plural**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | label_plural                            |                          |                          |                          |
| Definition                  | Label plural                            |                          |                          |                          |
| Example                     | 'Projects' ({res:bubs_projects})        |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Label Plural ({res:itgen_label_plural}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_plural                 |                          |                          |                          |
| Label Plural                | {res:itgen_label_plurals}               |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_plurals}               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                    |                          |                          |                          |



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**Applications**

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**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.label\_plural\_ref - label\_plural\_ref**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | label_plural_ref   |                          |                          |                          |
| Definition                  | Label plural when referenced                             |                          |                          |                          |
| Example                     | 'Projects' ({res:bubs_projects})                         |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)                                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                 |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Label Plural as Reference ({res:itgen_label_plural_ref}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_plural_ref                              |                          |                          |                          |
| Label Plural                | {res:itgen_label_plural_refs}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_plural_refs}                            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                                    |                          |                          |                          |

**itgen.tbe.label\_singular - label\_singular**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | label_singular                              |                          |                          |                          |
| Definition                  | Label singular                              |                          |                          |                          |
| Example                     | 'Project' ({res:bubs_project})              |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                          |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Label Singular ({res:itgen_label_singular}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_singular                   |                          |                          |                          |
| Label Plural                | {res:itgen_label_singulars}                 |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_singulars}                 |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                       |                          |                          |                          |



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| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.label\_singular\_ref - label\_singular\_ref**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | label_singular_ref   |                          |                          |                          |
| Definition                  | Label singular when referenced                               |                          |                          |                          |
| Example                     | 'Project' ({res:bubs_project})                               |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(240 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                     |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Label Singular as Reference ({res:itgen_label_singular_ref}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_singular_ref                                |                          |                          |                          |
| Label Plural                | {res:itgen_label_singular_refs}                              |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_singular_refs}                              |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')  |                          |                          |                          |

**itgen.tbe.legacy\_name - legacy\_name**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | legacy_name   |                          |                          |                          |
| Definition                  | Original name of the table in a legacy system from which it was migrated to Invantive Producer. |                          |                          |                          |
| Example                     | T300  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Legacy Name ({res:itgen_legacy_name})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_legacy_name  |                          |                          |                          |
| Label Plural                | Legacy Names ({res:itgen_legacy_names})   |                          |                          |                          |
| Label Plural as Reference   | Legacy Names ({res:itgen_legacy_names})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |





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**Tables**

| Name         | Code | Label Plural                |
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| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.name - name**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | name                                |                          |                          |                          |
| Definition                  | Name of the table.                  |                          |                          |                          |
| Example                     | 'bubs_projecten'                    |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(30 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Name ({res:itgen_name})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name                     |                          |                          |                          |
| Label Plural                | Names ({res:itgen_names})           |                          |                          |                          |
| Label Plural as Reference   | Names ({res:itgen_names})           |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')               |                          |                          |                          |

**itgen.tbe.number\_rows - number\_rows**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | number_rows                              |                          |                          |                          |
| Definition                  | Number of rows                           |                          |                          |                          |
| Example                     | 1  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>      |                          |                          |                          |
| Display                     | In Search Filter                         | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Number of Rows ({res:itgen_number_rows}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_number_rows                   |                          |                          |                          |
| Label Plural                | {res:itgen_number_rowsets}               |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_number_rowsets}               |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001                                     |                          |                          |                          |
| Conversion                  | :orig                                    |                          |                          |                          |



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**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Table Column Details**

**itgen.tbe.show\_history\_flag - show\_history\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | show_history_flag                             |                          |                          |                          |
| Definition                  | Indicator whether history will be shown       |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                      |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Show History? ({res:itgen_show_history_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_show_history_flag                  |                          |                          |                          |
| Label Plural                | {res:itgen_show_history_flags}                |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_show_history_flags}                |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')                         |                          |                          |                          |

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### itgen - Invantive Producer

#### Tables

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

#### Indexes

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.tbe.itgen\_tbe\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tbe_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| apn_id | 1        |               |
| code   | 2        |               |

##### itgen.tbe.itgen\_tbe\_uk\_name

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tbe_uk_name                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| apn_id | 1        |               |
| name   | 2        |               |

##### itgen.tbe.itgen\_tbe\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tbe_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

##### itgen.tbe.itgen\_tbe\_apn\_fk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tbe_apn_fk                    |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| apn_id | 1        |               |

##### itgen.tbe.itgen\_tbe\_n1

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tbe_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |



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**Applications**

itgen - Invantive Producer

**Tables**

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

**Indexes**

**Index Columns**

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced            | Role |
|------------------|------------------|------------------------------|------|
| itgen_tbe_apn_fk | itgen.tbe.apn_id | <a href="#">itgen.apn.id</a> |      |



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## Applications

### itgen - Invantive Producer

## Tables

| Name         | Code | Label Plural                |
|--------------|------|-----------------------------|
| itgen_tables | tbe  | Tables ({res:itgen_tables}) |

## Attribute Rules

### itgen.tbe.atr014 - 10 - Insert - Action

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | atr014                              |
| Event Category           | Insert                              |
| Action Category          | Action                              |
| Action Moment            | B                                   |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input checked="" type="checkbox"/> |
| Constraint Specification | :last.tbe_create_flag is null       |
| Action Specification     | :last.tbe_create_flag := 'Y';       |
| User Message             |                                     |
| Documentation            |                                     |

### itgen.tbe.atr020 - 10 - Insert - Action

|                          |                                       |
|--------------------------|---------------------------------------|
| Code                     | atr020                                |
| Event Category           | Insert                                |
| Action Category          | Action                                |
| Action Moment            | B                                     |
| Sort Order               | 10                                    |
| Autocompleted            | <input type="checkbox"/>              |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | :last.tbe_create_history_flag is null |
| Action Specification     | :last.tbe_create_history_flag := 'Y'; |
| User Message             |                                       |
| Documentation            |                                       |

### itgen.tbe.atr021 - 10 - Insert - Action

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | atr021                              |
| Event Category           | Insert                              |
| Action Category          | Action                              |
| Action Moment            | B                                   |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input checked="" type="checkbox"/> |
| Constraint Specification | :last.tbe_show_history_flag is null |
| Action Specification     | :last.tbe_show_history_flag := 'Y'; |
| User Message             |                                     |
| Documentation            |                                     |

### itgen.tbe.atr030 - 10 - Insert - Action

|                          |                                      |
|--------------------------|--------------------------------------|
| Code                     | atr030                               |
| Event Category           | Insert                               |
| Action Category          | Action                               |
| Action Moment            | B                                    |
| Sort Order               | 10                                   |
| Autocompleted            | <input type="checkbox"/>             |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.tbe_autocompleted_flag is null |
| Action Specification     | :last.tbe_autocompleted_flag := 'N'; |
| User Message             |                                      |
| Documentation            |                                      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name         | Code | Label Plural                  |
|--------------|------|-------------------------------|
| itgen_tables | tbe  | Tables ({{res:itgen_tables}}) |

**Attribute Rules**

**itgen.tbe.atr038 - 20 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr038  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>                                     |
| Constraint Specification | <code>:last.tbe_name = lower(:last.tbe_name)</code>                     |
| Action Specification     |   |
| User Message             | Correct the name of the table. ({{res:itgen_atr038_user_message}})      |
| Documentation            | The table name must be lower case. ({{res:itgen_atr038_documentation}}) |

**itgen.tbe.atr041 - 20 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr041  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>                                     |
| Constraint Specification | <code>:last.tbe_code = lower(:last.tbe_code)</code>                     |
| Action Specification     |   |
| User Message             | Correct the code of the table. ({{res:itgen_atr041_user_message}})      |
| Documentation            | The table code must be lower case. ({{res:itgen_atr041_documentation}}) |

**itgen.tbe.atr053 - 20 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr053  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>:last.tbe_show_history_flag = 'N' or ( :last.tbe_show_history_flag = 'Y' and :last.tbe_create_history_flag = 'Y' )</code> |
| Action Specification     |   |
| User Message             | Activate storage of history for this table or disable show historical data on this table. ({{res:itgen_atr053_user_message}})   |
| Documentation            | Only when the history is stored you can show historical data. ({{res:itgen_atr053_documentation}})                              |

**itgen.tbe.atr125 - 20 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr125   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>( length(:last.tbe_name) &lt;= 26 or :last.tbe_create_flag = 'N' )</code>  |
| Action Specification     |  |
| User Message             | Choose a shorter (descriptive) table name. ({{res:itgen_atr125_user_message}})   |
| Documentation            | The name of a table must fit within 26 characters when the Create property is true. ({{res:itgen_atr125_documentation}}) |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_transactions | tan  | Transactions ({res:itgen_transactions}) |

**Table Definition**

**tan - itgen\_transactions**

|                                |  |
|--------------------------------|--|
| Code                           | tan  |
| Name                           | itgen_transactions   |
| Definition                     | Transactions are changes in the data registered by Invantive Estate in any table. Each change of an individual row is registered in ITGEN_TRANSACTIONS. The table can be used to analyze the origin on an unexpected change. |
| Example                        |  |
| Autocompleted                  | <input type="checkbox"/>   |
| Create                         | <input checked="" type="checkbox"/>  |
| Create History                 | <input type="checkbox"/>   |
| Show History                   | <input type="checkbox"/>   |
| User May Delete                | <input type="checkbox"/>   |
| User May Insert                | <input type="checkbox"/>   |
| User May Select                | <input type="checkbox"/>   |
| User May Update                | <input type="checkbox"/>   |
| Interface?                     | <input type="checkbox"/>   |
| Derived                        | <input type="checkbox"/>   |
| Default Reference Columns      | id,transaction_number  |
| Data Category                  | Transaction  |
| Label Plural                   | Transactions ({res:itgen_transactions})  |
| Label Plural when Referenced   | Transactions ({res:itgen_transactions})  |
| Label Singular                 | Transaction ({res:itgen_transaction})  |
| Label Singular when Referenced | Transaction ({res:itgen_transaction})  |
| Number of Rows                 |  |
| Documentation                  |  |

## Applications

## itgen - Invantive Producer

## Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_transactions | tan  | Transactions ({res:itgen_transactions}) |

## Table Columns

| Name                               | Data Type          | Opt.                                | Label Singular                                      | Definition   |
|------------------------------------|--------------------|-------------------------------------|---|--|
| <a href="#">action</a>             | varchar2(60 char)  | <input type="checkbox"/>            | Action ({res:itgen_action})                         | The executed SQL action (select, insert, update or delete).  |
| <a href="#">id</a>                 | number(15, 0)      | <input type="checkbox"/>            |   | ?  |
| <a href="#">logon_code</a>         | varchar2(128 char) | <input type="checkbox"/>            | Logon Code ({res:itgen_logon_code})                 | The name of the login account used by the user as defined in BUBS_USERS.   |
| <a href="#">machine</a>            | varchar2(128 char) | <input type="checkbox"/>            | Machine ({res:itgen_machine})                       | Name of the workstation used to access the application.  |
| <a href="#">module</a>             | varchar2(128 char) | <input type="checkbox"/>            | Module ({res:itgen_module})                         | Name of the module installed.  |
| <a href="#">sessionid</a>          | varchar2(240 char) | <input type="checkbox"/>            | Session-ID ({res:itgen_sessionid})                  | Unique ID of the session executing the transaction.  |
| <a href="#">table_name</a>         | varchar2(30 char)  | <input type="checkbox"/>            | Table Name ({res:itgen_table_name})                 | Name of the business object changed.   |
| <a href="#">table_reference</a>    | number(15, 0)      | <input type="checkbox"/>            | Table Reference ({res:itgen_table_reference})       | Value of the object's ID within the business object that changed.  |
| <a href="#">time</a>               |                    | <input type="checkbox"/>            | Time ({res:itgen_time})                             | Time of the RDBMS server at which the event occurred.  |
| <a href="#">time_cs</a>            | number(30, 0)      | <input type="checkbox"/>            | Time (cs) ({res:itgen_time_cs})                     | The number of 100th's of a second from some arbitrary epoch. This time is typically used to determine the difference in time between two events. |
| <a href="#">transaction_number</a> | number(15, 0)      | <input type="checkbox"/>            | Transaction Number ({res:itgen_transaction_number}) | Unique numeric code, introduced to create an artificial natural unique index and it's value is identical to the value of the column ID.          |
| <a href="#">comment_given</a>      | varchar2(128 char) | <input checked="" type="checkbox"/> | Comment Given ({res:itgen_comment_given})           | Comment.   |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_transactions | tan  | Transactions ({res:itgen_transactions}) |

**Table Column Details**

**itgen.tan.action - action**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | action  |                          |                          |                          |
| Definition                  | The executed SQL action (select, insert, update or delete). |                          |                          |                          |
| Example                     | select * from itgen_users_v                                 |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(60 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                    |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Action ({res:itgen_action})                                 |                          |                          |                          |
| Label Singular as Reference | {res:itgen_action   |                          |                          |                          |
| Label Plural                | Actions ({res:itgen_actions})                               |                          |                          |                          |
| Label Plural as Reference   | Actions ({res:itgen_actions})                               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.tan.comment\_given - comment\_given**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | comment_given   |                          |                          |                          |
| Definition                  | Comment.  |                          |                          |                          |
| Example                     | The budget was exceeded due to unexpected changes in the price of a square meter. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(128 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Comment Given ({res:itgen_comment_given})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_comment_given  |                          |                          |                          |
| Label Plural                | {res:itgen_comment_givens}  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_comment_givens}  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_transactions | tan  | Transactions ({res:itgen_transactions}) |

**Table Column Details**

**itgen.tan.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |

**itgen.tan.logon\_code - logon\_code**

|                             |  |   |                                 |                                    |  |
|-----------------------------|--|---|---------------------------------|------------------------------------|--|
| Name                        | logon_code   |   |                                 |                                    |  |
| Definition                  | The name of the login account used by the user as defined in BUBS_USERS. |   |                                 |                                    |  |
| Example                     | 'system'   |   |                                 |                                    |  |
| Definition for Manual       |  |   |                                 |                                    |  |
| Documentation               |  |   |                                 |                                    |  |
| Data Type                   | varchar2(128 char)   |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>   |   |                                 |                                    |  |
| Display                     |  | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>   |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>                                      |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>   |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>   |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>   |   |                                 |                                    |  |
| Expression Default Value    |  |   |                                 |                                    |  |
| Label Singular              | Logon Code ({res:itgen_logon_code})                                      |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_logon_code  |   |                                 |                                    |  |
| Label Plural                | Logon Codes ({res:itgen_logon_codes})                                    |   |                                 |                                    |  |
| Label Plural as Reference   | Logon Codes ({res:itgen_logon_codes})                                    |   |                                 |                                    |  |
| Display Order               |  |   |                                 |                                    |  |
| Add Purchase Order          | A001   |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, '?')   |   |                                 |                                    |  |



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| Name               | Code | Label Plural                            |
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| itgen_transactions | tan  | Transactions ({res:itgen_transactions}) |

**Table Column Details**

**itgen.tan.machine - machine**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | machine   |                          |                          |                          |
| Definition                  | Name of the workstation used to access the application. |                          |                          |                          |
| Example                     | ws09.invantive.local                                    |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(128 char)                                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Machine ({res:itgen_machine})                           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_machine                                      |                          |                          |                          |
| Label Plural                | Machines ({res:itgen_machines})                         |                          |                          |                          |
| Label Plural as Reference   | Machines ({res:itgen_machines})                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                    |                          |                          |                          |

**itgen.tan.module - module**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | module                              |                          |                          |                          |
| Definition                  | Name of the module installed.       |                          |                          |                          |
| Example                     | All                                 |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(128 char)                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Module ({res:itgen_module})         |                          |                          |                          |
| Label Singular as Reference | {res:itgen_module                   |                          |                          |                          |
| Label Plural                | Modules ({res:itgen_modules})       |                          |                          |                          |
| Label Plural as Reference   | Modules ({res:itgen_modules})       |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_transactions | tan  | Transactions ({res:itgen_transactions}) |

**Table Column Details**

**itgen.tan.sessionid - sessionid**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | sessionid   |                          |                          |                          |
| Definition                  | Unique ID of the session executing the transaction. |                          |                          |                          |
| Example                     | 2346345   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter                                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                            |                          |                          |                          |
| System Column               | <input type="checkbox"/>                            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                            |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Session-ID ({res:itgen_sessionid})                  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_sessionid}                               |                          |                          |                          |
| Label Plural                | Session-IDs ({res:itgen_sessionids})                |                          |                          |                          |
| Label Plural as Reference   | Session-IDs ({res:itgen_sessionids})                |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                |                          |                          |                          |

**itgen.tan.table\_name - table\_name**

|                             |                                       |                          |                          |                          |
|-----------------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | table_name                            |                          |                          |                          |
| Definition                  | Name of the business object changed.  |                          |                          |                          |
| Example                     | itgen_users_v                         |                          |                          |                          |
| Definition for Manual       |                                       |                          |                          |                          |
| Documentation               |                                       |                          |                          |                          |
| Data Type                   | varchar2(30 char)                     |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>              |                          |                          |                          |
| Display                     | In Search Filter                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>              |                          |                          |                          |
| System Column               | <input type="checkbox"/>              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>              |                          |                          |                          |
| Expression Default Value    |                                       |                          |                          |                          |
| Label Singular              | Table Name ({res:itgen_table_name})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_table_name}                |                          |                          |                          |
| Label Plural                | Table Names ({res:itgen_table_names}) |                          |                          |                          |
| Label Plural as Reference   | Table Names ({res:itgen_table_names}) |                          |                          |                          |
| Display Order               |                                       |                          |                          |                          |
| Add Purchase Order          | A001                                  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_transactions | tan  | Transactions ({res:itgen_transactions}) |

**Table Column Details**

**itgen.tan.table\_reference - table\_reference**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | table_reference   |                          |                          |                          |
| Definition                  | Value of the object's ID within the business object that changed. |                          |                          |                          |
| Example                     | 146   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Table Reference ({res:itgen_table_reference})                     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_table_reference  |                          |                          |                          |
| Label Plural                | Table References ({res:itgen_table_references})                   |                          |                          |                          |
| Label Plural as Reference   | Table References ({res:itgen_table_references})                   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.tan.time - time**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | time  |                          |                          |                          |
| Definition                  | Time of the RDBMS server at which the event occurred. |                          |                          |                          |
| Example                     | January 01, 2005 8:58:34.                             |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   |   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Time ({res:itgen_time})                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_time                                       |                          |                          |                          |
| Label Plural                | Times ({res:itgen_times})                             |                          |                          |                          |
| Label Plural as Reference   | Times ({res:itgen_times})                             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, sysdate)                              |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_transactions | tan  | Transactions ({res:itgen_transactions}) |

**Table Column Details**

**itgen.tan.time\_cs - time\_cs**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | time_cs  |                          |                          |                          |
| Definition                  | The number of 100th's of a second from some arbitrary epoch. This time is typically used to determine the difference in time between two events. |                          |                          |                          |
| Example                     | 85307  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(30, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Time (cs) ({res:itgen_time_cs})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_time_cs   |                          |                          |                          |
| Label Plural                | Time (cs) ({res:itgen_time_cses})  |                          |                          |                          |
| Label Plural as Reference   | Time (cs) ({res:itgen_time_cses})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |

**itgen.tan.transaction\_number - transaction\_number**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | transaction_number  |                          |                          |                          |
| Definition                  | Unique numeric code, introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |                          |                          |                          |
| Example                     | 3   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Transaction Number ({res:itgen_transaction_number})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_transaction_number   |                          |                          |                          |
| Label Plural                | Transaction Numbers ({res:itgen_transaction_numbers})   |                          |                          |                          |
| Label Plural as Reference   | Transaction Numbers ({res:itgen_transaction_numbers})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_transactions | tan  | Transactions ({res:itgen_transactions}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.tan.itgen\_tan\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tan_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name               | Position | Documentation |
|--------------------|----------|---------------|
| transaction_number | 1        |               |

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## Applications

### itgen - Invantive Producer

## Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_transactions | tan  | Transactions ({res:itgen_transactions}) |

## Attribute Rules

### itgen.tan.tanpre193 - 10 - Mutate (insert/update) - Error

|                          |                                 |
|--------------------------|---------------------------------|
| Code                     | tanpre193                       |
| Event Category           | Mutate (insert/update)          |
| Action Category          | Error                           |
| Action Moment            |                                 |
| Sort Order               | 10                              |
| Autocompleted            | <input type="checkbox"/>        |
| Create                   | <input type="checkbox"/>        |
| Constraint Specification | 1=1                             |
| Action Specification     |                                 |
| User Message             | See package itgen#transactions. |
| Documentation            | See package itgen#transactions. |

### itgen.tan.tanpre194 - 10 - Mutate (insert/update) - Error

|                          |                                 |
|--------------------------|---------------------------------|
| Code                     | tanpre194                       |
| Event Category           | Mutate (insert/update)          |
| Action Category          | Error                           |
| Action Moment            |                                 |
| Sort Order               | 10                              |
| Autocompleted            | <input type="checkbox"/>        |
| Create                   | <input type="checkbox"/>        |
| Constraint Specification | 1=1                             |
| Action Specification     |                                 |
| User Message             | See package itgen#transactions. |
| Documentation            | See package itgen#transactions. |

### itgen.tan.tanpre195 - 10 - Mutate (insert/update) - Error

|                          |                                 |
|--------------------------|---------------------------------|
| Code                     | tanpre195                       |
| Event Category           | Mutate (insert/update)          |
| Action Category          | Error                           |
| Action Moment            |                                 |
| Sort Order               | 10                              |
| Autocompleted            | <input type="checkbox"/>        |
| Create                   | <input type="checkbox"/>        |
| Constraint Specification | 1=1                             |
| Action Specification     |                                 |
| User Message             | See package itgen#transactions. |
| Documentation            | See package itgen#transactions. |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_translations | tlm  | Translations ({res:itgen_translations}) |

**Table Definition**

tlm - itgen\_translations

|                                |   |
|--------------------------------|---|
| Code                           | tlm   |
| Name                           | itgen_translations                                    |
| Definition                     | Translations.   |
| Example                        | The translation of 'itgen_code' in English is 'Code'. |
| Autocompleted                  | <input type="checkbox"/>                              |
| Create                         | <input checked="" type="checkbox"/>                   |
| Create History                 | <input checked="" type="checkbox"/>                   |
| Show History                   | <input checked="" type="checkbox"/>                   |
| User May Delete                | <input type="checkbox"/>                              |
| User May Insert                | <input type="checkbox"/>                              |
| User May Select                | <input type="checkbox"/>                              |
| User May Update                | <input type="checkbox"/>                              |
| Interface?                     | <input type="checkbox"/>                              |
| Derived                        | <input type="checkbox"/>                              |
| Default Reference Columns      | id  |
| Data Category                  | Seed  |
| Label Plural                   | Translations ({res:itgen_translations})               |
| Label Plural when Referenced   | Translations ({res:itgen_translations})               |
| Label Singular                 | Translation ({res:itgen_translation})                 |
| Label Singular when Referenced | Translation ({res:itgen_translation})                 |
| Number of Rows                 |   |
| Documentation                  |   |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_translations | tin  | Translations ({res:itgen_translations}) |

#### Table Columns

| Name                                      | Data Type           | Opt.                                | Label Singular   | Definition  |
|---|---------------------|-------------------------------------|--|---|
| <a href="#">apn_id</a>                    | number(15, 0)       | <input type="checkbox"/>            | Application ID ({res:itgen_apn_id})                          | Reference to an application registered in ITGEN_APPLICATIONS.   |
| <a href="#">glossary_flag</a>             | char(1 byte)        | <input type="checkbox"/>            | Glossary ({res:itgen_glossary_flag})                         | Include the translation in a glossary for this language?  |
| <a href="#">id</a>                        | number(15, 0)       | <input type="checkbox"/>            |  | ?   |
| <a href="#">language_independent_flag</a> | char(1 byte)        | <input type="checkbox"/>            | Language Independent ({res:itgen_language_independent_flag}) | Indicator whether the translation is dependent on language. Names such as 'Invantive' are not language dependent. |
| <a href="#">lge_id</a>                    | number(15, 0)       | <input type="checkbox"/>            | Language ID ({res:itgen_lge_id})                             | Reference to language registered in ITGEN_LANGUAGES.  |
| <a href="#">resource_code</a>             | varchar2(240 char)  | <input type="checkbox"/>            | Resource Code ({res:itgen_resource_code})                    | The key used to label the translation string.   |
| <a href="#">resource_flag</a>             | char(1 byte)        | <input type="checkbox"/>            | Resource ({res:itgen_resource_flag})                         | Include the translation in resource files for the frontend?   |
| <a href="#">text</a>                      | varchar2(4000 char) | <input checked="" type="checkbox"/> | Text ({res:itgen_text})                                      | Translation in the specified language and locale for the key.   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_translations | tin  | Translations ({res:itgen_translations}) |

**Table Column Details**

**itgen.tin.apn\_id - apn\_id**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | apn_id  |                          |                          |                          |
| Definition                  | Reference to an application registered in ITGEN_APPLICATIONS. |                          |                          |                          |
| Example                     | 3   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                      |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Application ID ({res:itgen_apn_id})                           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_apn_id   |                          |                          |                          |
| Label Plural                | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Label Plural as Reference   | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.tin.glossary\_flag - glossary\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | glossary_flag  |                          |                          |                          |
| Definition                  | Include the translation in a glossary for this language? |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                 |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Glossary ({res:itgen_glossary_flag})                     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_glossary_flag                                 |                          |                          |                          |
| Label Plural                | {res:itgen_glossary_flags}                               |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_glossary_flags}                               |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                     |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_translations | tlm  | Translations ({res:itgen_translations}) |

**Table Column Details**

**itgen.tlm.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |

**itgen.tlm.language\_independent\_flag - language\_independent\_flag**

|                             |   |   |                                 |                                    |  |
|-----------------------------|---|---|---------------------------------|------------------------------------|--|
| Name                        | language_independent_flag   |   |                                 |                                    |  |
| Definition                  | Indicator whether the translation is dependent on language. Names such as 'Invantive' are not language dependent. |   |                                 |                                    |  |
| Example                     | 'N'   |   |                                 |                                    |  |
| Definition for Manual       |   |   |                                 |                                    |  |
| Documentation               |   |   |                                 |                                    |  |
| Data Type                   | char(1 byte)  |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>  |   |                                 |                                    |  |
| Display                     |   | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>  |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>   |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>  |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>  |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>  |   |                                 |                                    |  |
| Expression Default Value    |   |   |                                 |                                    |  |
| Label Singular              | Language Independent ({res:itgen_language_independent_flag})  |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_language_independent_flag  |   |                                 |                                    |  |
| Label Plural                | {res:itgen_language_independent_flags}  |   |                                 |                                    |  |
| Label Plural as Reference   | {res:itgen_language_independent_flags}  |   |                                 |                                    |  |
| Display Order               |   |   |                                 |                                    |  |
| Add Purchase Order          | A001  |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, '?')  |   |                                 |                                    |  |



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Applications

itgen - Invantive Producer

Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_translations | tin  | Translations ({res:itgen_translations}) |

Table Column Details

itgen.tin.lge\_id - lge\_id

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | lge_id   |                          |                          |                          |
| Definition                  | Reference to language registered in ITGEN_LANGUAGES. |                          |                          |                          |
| Example                     | 39025  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Language ID ({res:itgen_lge_id})                     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_lge_id}                                   |                          |                          |                          |
| Label Plural                | Language IDs ({res:itgen_lge_ids})                   |                          |                          |                          |
| Label Plural as Reference   | Language IDs ({res:itgen_lge_ids})                   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                                   |                          |                          |                          |

itgen.tin.resource\_code - resource\_code

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | resource_code                                 |                          |                          |                          |
| Definition                  | The key used to label the translation string. |                          |                          |                          |
| Example                     | ?   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)                            |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                      |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Resource Code ({res:itgen_resource_code})     |                          |                          |                          |
| Label Singular as Reference | {res:itgen_resource_code}                     |                          |                          |                          |
| Label Plural                | Resource Codes ({res:itgen_resource_codes})   |                          |                          |                          |
| Label Plural as Reference   | Resource Codes ({res:itgen_resource_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                          |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_translations | tin  | Translations ({res:itgen_translations}) |

**Table Column Details**

**itgen.tin.resource\_flag - resource\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | resource_flag   |                          |                          |                          |
| Definition                  | Include the translation in resource files for the frontend? |                          |                          |                          |
| Example                     | 'Y'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                    |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Resource ({res:itgen_resource_flag})                        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_resource_flag                                    |                          |                          |                          |
| Label Plural                | Resource ({res:itgen_resource_flags})                       |                          |                          |                          |
| Label Plural as Reference   | Resource ({res:itgen_resource_flags})                       |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.tin.text - text**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | text  |                          |                          |                          |
| Definition                  | Translation in the specified language and locale for the key. |                          |                          |                          |
| Example                     | Users   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Text ({res:itgen_text})                                       |                          |                          |                          |
| Label Singular as Reference | {res:itgen_text   |                          |                          |                          |
| Label Plural                | Texts ({res:itgen_texts})                                     |                          |                          |                          |
| Label Plural as Reference   | Texts ({res:itgen_texts})                                     |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_translations | tln  | Translations ({res:itgen_translations}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.tln.itgen\_tln\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tln_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name          | Position | Documentation |
|---------------|----------|---------------|
| apn_id        | 1        |               |
| lge_id        | 2        |               |
| resource_code | 3        |               |

**itgen.tln.itgen\_tln\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_tln_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced            | Role |
|------------------|------------------|------------------------------|------|
| itgen_tln_apn_fk | itgen.tln.apn_id | <a href="#">itgen.apn.id</a> |      |
| itgen_tln_lge_fk | itgen.tln.lge_id | <a href="#">itgen.lge.id</a> |      |



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## Applications

### itgen - Invantive Producer

## Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_translations | tln  | Translations ({res:itgen_translations}) |

## Attribute Rules

### itgen.tln.atr126 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr126   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>coalesce(length(translate(:last.tln_resource_code, 'x &amp;?', 'x')), 0) - coalesce(length(:last.tln_resource_code), 0) = 0</code> |
| Action Specification     |  |
| User Message             | Remove all spaces, ampersand and question marks from the key. ({res:itgen_atr126_user_message})  |
| Documentation            | The key of the translation may not include space, ampersand or a question mark. ({res:itgen_atr126_documentation})                       |

### itgen.tln.tndft145 - 10 - Insert - Action

|                          |  |
|--------------------------|--|
| Code                     | tndft145                                     |
| Event Category           | Insert                                       |
| Action Category          | Action                                       |
| Action Moment            | B  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>                     |
| Create                   | <input checked="" type="checkbox"/>          |
| Constraint Specification | <code>:last.tln_glossary_flag is null</code> |
| Action Specification     | <code>:last.tln_glossary_flag := 'N';</code> |
| User Message             |  |
| Documentation            |  |

### itgen.tln.tndft146 - 10 - Insert - Action

|                          |  |
|--------------------------|--|
| Code                     | tndft146                                     |
| Event Category           | Insert                                       |
| Action Category          | Action                                       |
| Action Moment            | B  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>                     |
| Create                   | <input checked="" type="checkbox"/>          |
| Constraint Specification | <code>:last.tln_resource_flag is null</code> |
| Action Specification     | <code>:last.tln_resource_flag := 'N';</code> |
| User Message             |  |
| Documentation            |  |

### itgen.tln.tndft203 - 10 - Insert - Action

|                          |  |
|--------------------------|--|
| Code                     | tndft203   |
| Event Category           | Insert   |
| Action Category          | Action   |
| Action Moment            | B  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>                                 |
| Create                   | <input checked="" type="checkbox"/>                      |
| Constraint Specification | <code>:last.tln_language_independent_flag is null</code> |
| Action Specification     | <code>:last.tln_language_independent_flag := 'N';</code> |
| User Message             |  |
| Documentation            |  |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_translations | tin  | Translations ({res:itgen_translations}) |

**Attribute Rules**

**itgen.tin.tinpre200 - 10 - Mutate (insert/update) - Error**

|                          |                                 |
|--------------------------|---------------------------------|
| Code                     | tinpre200                       |
| Event Category           | Mutate (insert/update)          |
| Action Category          | Error                           |
| Action Moment            |                                 |
| Sort Order               | 10                              |
| Autocompleted            | <input type="checkbox"/>        |
| Create                   | <input type="checkbox"/>        |
| Constraint Specification | 1=1                             |
| Action Specification     |                                 |
| User Message             | See package itgen#translations. |
| Documentation            | See package itgen#translations. |

**Table Contents**

| Natural Key | Field                    | Value  |
|-------------|--------------------------|--|
| ERROR       | TABLE itgen_translations | ORA-20163: Natural key column list is empty. Make sure that itgen_natural_key_columns_t is correctly filled. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_user_roles | ure  | User Roles ({res:itgen_user_roles}) |

**Table Definition**

**ure - itgen\_user\_roles**

|                                |   |
|--------------------------------|---|
| Code                           | ure                                     |
| Name                           | itgen_user_roles                        |
| Definition                     | Roles granted to a user                 |
| Example                        | Mr. John is part of the Accounting role |
| Autocompleted                  | <input type="checkbox"/>                |
| Create                         | <input checked="" type="checkbox"/>     |
| Create History                 | <input checked="" type="checkbox"/>     |
| Show History                   | <input checked="" type="checkbox"/>     |
| User May Delete                | <input type="checkbox"/>                |
| User May Insert                | <input type="checkbox"/>                |
| User May Select                | <input type="checkbox"/>                |
| User May Update                | <input type="checkbox"/>                |
| Interface?                     | <input type="checkbox"/>                |
| Derived                        | <input type="checkbox"/>                |
| Default Reference Columns      | id                                      |
| Data Category                  | Reference                               |
| Label Plural                   | User Roles ({res:itgen_user_roles})     |
| Label Plural when Referenced   | User Roles ({res:itgen_user_roles})     |
| Label Singular                 | User Role ({res:itgen_user_role})       |
| Label Singular when Referenced | User Role ({res:itgen_user_role})       |
| Number of Rows                 |   |
| Documentation                  |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_user_roles | ure  | User Roles ({res:itgen_user_roles}) |

**Table Columns**

| Name   | Data Type     | Opt.                     | Label Singular               | Definition                                     |
|--------|---------------|--------------------------|------------------------------|--|
| id     | number(15, 0) | <input type="checkbox"/> |                              | ?  |
| rle_id | number(15, 0) | <input type="checkbox"/> | {res:itgen_rle_id}           | Reference to a role registered in ITGEN_ROLES. |
| usr_id | number(15, 0) | <input type="checkbox"/> | User ID ({res:itgen_usr_id}) | Reference to a user registered in ITGEN_USERS. |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_user_roles | ure  | User Roles ({res:itgen_user_roles}) |

**Table Column Details**

**itgen.ure.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |

**itgen.ure.rle\_id - rle\_id**

|                             |  |   |                                 |                                    |  |
|-----------------------------|--|---|---------------------------------|------------------------------------|--|
| Name                        | rle_id   |   |                                 |                                    |  |
| Definition                  | Reference to a role registered in ITGEN_ROLES. |   |                                 |                                    |  |
| Example                     | 21   |   |                                 |                                    |  |
| Definition for Manual       |  |   |                                 |                                    |  |
| Documentation               |  |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                                  |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>                       |   |                                 |                                    |  |
| Display                     |  | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>                       |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>            |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>                       |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>                       |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>                       |   |                                 |                                    |  |
| Expression Default Value    |  |   |                                 |                                    |  |
| Label Singular              | {res:itgen_rle_id}                             |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_rle_id}                             |   |                                 |                                    |  |
| Label Plural                | {res:itgen_rle_ids}                            |   |                                 |                                    |  |
| Label Plural as Reference   | {res:itgen_rle_ids}                            |   |                                 |                                    |  |
| Display Order               |  |   |                                 |                                    |  |
| Add Purchase Order          | A001   |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                             |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_user_roles | ure  | User Roles ({res:itgen_user_roles}) |

**Table Column Details**

**itgen.ure.usr\_id - usr\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | usr_id   |                          |                          |                          |
| Definition                  | Reference to a user registered in ITGEN_USERS. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter                               | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | User ID ({res:itgen_usr_id})                   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_usr_id                              |                          |                          |                          |
| Label Plural                | User ID's ({res:itgen_usr_ids})                |                          |                          |                          |
| Label Plural as Reference   | User ID's ({res:itgen_usr_ids})                |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                             |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name             | Code | Label Plural                        |
|------------------|------|-------------------------------------|
| itgen_user_roles | ure  | User Roles ({res:itgen_user_roles}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.ure.itgen\_ure\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_ure_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| rle_id | 1        |               |

**itgen.ure.itgen\_ure\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_ure_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_ure_rle_fk | itgen.ure.rle_id | itgen.rle.id      |      |
| itgen_ure_usr_fk | itgen.ure.usr_id | itgen.usr.id      |      |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_users | usr  | Users ({res:itgen_users}) |

**Table Definition**

**usr - itgen\_users**

|            |   |
|------------|---|
| Code       | usr   |
| Name       | itgen_users   |
| Definition | The directory of users for Invantive Estate. The user 'system' is the user account with access to all application functionality |

**Example**

|                                |                                     |
|--------------------------------|-------------------------------------|
| Autocompleted                  | <input type="checkbox"/>            |
| Create                         | <input checked="" type="checkbox"/> |
| Create History                 | <input checked="" type="checkbox"/> |
| Show History                   | <input checked="" type="checkbox"/> |
| User May Delete                | <input type="checkbox"/>            |
| User May Insert                | <input type="checkbox"/>            |
| User May Select                | <input type="checkbox"/>            |
| User May Update                | <input type="checkbox"/>            |
| Interface?                     | <input type="checkbox"/>            |
| Derived                        | <input type="checkbox"/>            |
| Default Reference Columns      | id,code,name,logon_code             |
| Data Category                  | Reference                           |
| Label Plural                   | Users ({res:itgen_users})           |
| Label Plural when Referenced   | Users ({res:itgen_users})           |
| Label Singular                 | User ({res:itgen_user})             |
| Label Singular when Referenced | User ({res:itgen_user})             |
| Number of Rows                 |                                     |
| Documentation                  |                                     |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_users | usr  | Users ({res:itgen_users}) |

**Table Columns**

| Name                       | Data Type          | Opt.                                | Label Singular                      | Definition  |
|----------------------------|--------------------|-------------------------------------|-------------------------------------|---|
| <a href="#">code</a>       | varchar2(30 char)  | <input type="checkbox"/>            | Code ({res:itgen_code})             | Unique alphanumeric code.   |
| <a href="#">id</a>         | number(15, 0)      | <input type="checkbox"/>            |                                     | ?   |
| <a href="#">logon_code</a> | varchar2(30 char)  | <input type="checkbox"/>            | Logon Code ({res:itgen_logon_code}) | The name of the login account used by the user as defined in ITGEN_USERS. |
| <a href="#">name</a>       | varchar2(240 char) | <input type="checkbox"/>            | Name ({res:itgen_name})             | Full name.  |
| <a href="#">password</a>   | varchar2(30 char)  | <input checked="" type="checkbox"/> | Password ({res:itgen_password})     | Password of the user.   |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_users | usr  | Users ({res:itgen_users}) |

**Table Column Details**

**itgen.usr.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code   |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.usr.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_users | usr  | Users ({res:itgen_users}) |

**Table Column Details**

**itgen.usr.logon\_code - logon\_code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | logon_code  |                          |                          |                          |
| Definition                  | The name of the login account used by the user as defined in ITGEN_USERS. |                          |                          |                          |
| Example                     | 'system'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Logon Code ({res:itgen_logon_code})                                       |                          |                          |                          |
| Label Singular as Reference | {res:itgen_logon_code   |                          |                          |                          |
| Label Plural                | Logon Codes ({res:itgen_logon_codes})                                     |                          |                          |                          |
| Label Plural as Reference   | Logon Codes ({res:itgen_logon_codes})                                     |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.usr.name - name**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | name                                |                          |                          |                          |
| Definition                  | Full name.                          |                          |                          |                          |
| Example                     | 'John Doe'                          |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(240 char)                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Name ({res:itgen_name})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name                     |                          |                          |                          |
| Label Plural                | Names ({res:itgen_names})           |                          |                          |                          |
| Label Plural as Reference   | Names ({res:itgen_names})           |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_users | usr  | Users ({res:itgen_users}) |

**Table Column Details**

**itgen.usr.password - password**

|                             |                                     |  |                                    |                                       |   |
|-----------------------------|-------------------------------------|--|------------------------------------|---------------------------------------|---|
| Name                        | password                            |  |                                    |                                       |   |
| Definition                  | password of the user.               |  |                                    |                                       |   |
| Example                     | 'secret'                            |  |                                    |                                       |   |
| Definition for Manual       |                                     |  |                                    |                                       |   |
| Documentation               |                                     |  |                                    |                                       |   |
| Data Type                   | varchar2(30 char)                   |  |                                    |                                       |   |
| Nullable                    | <input checked="" type="checkbox"/> |  |                                    |                                       |   |
| Display                     |                                     | In Search Filter<br><input type="checkbox"/> | In LOV<br><input type="checkbox"/> | In Record<br><input type="checkbox"/> | In Search Results<br><input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |  |                                    |                                       |   |
| System Column               | <input type="checkbox"/>            |  |                                    |                                       |   |
| Create                      | <input checked="" type="checkbox"/> |  |                                    |                                       |   |
| Confidential                | <input type="checkbox"/>            |  |                                    |                                       |   |
| Derived                     | <input type="checkbox"/>            |  |                                    |                                       |   |
| Translatable                | <input type="checkbox"/>            |  |                                    |                                       |   |
| Expression Default Value    |                                     |  |                                    |                                       |   |
| Label Singular              | Password ({res:itgen_password})     |  |                                    |                                       |   |
| Label Singular as Reference | {res:itgen_password                 |  |                                    |                                       |   |
| Label Plural                | Passwords ({res:itgen_passwords})   |  |                                    |                                       |   |
| Label Plural as Reference   | Passwords ({res:itgen_passwords})   |  |                                    |                                       |   |
| Display Order               |                                     |  |                                    |                                       |   |
| Add Purchase Order          | A001                                |  |                                    |                                       |   |
| Conversion                  | :orig                               |  |                                    |                                       |   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_users | usr  | Users ({res:itgen_users}) |

**Indexes**

| Name                                     | Create                              | Unique                              |
|--|-------------------------------------|-------------------------------------|
| <a href="#">bubs_ame_nk</a>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_pk</a>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_uk_omschrijving</a> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_uk_orig</a>         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.usr.itgen\_usr\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_usr_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| code | 1        |               |

**itgen.usr.itgen\_usr\_uk\_logon\_code**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_usr_uk_logon_code             |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name       | Position | Documentation |
|------------|----------|---------------|
| logon_code | 1        |               |

**itgen.usr.itgen\_usr\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_usr_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

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## Applications

### itgen - Invantive Producer

## Tables

| Name        | Code | Label Plural              |
|-------------|------|---------------------------|
| itgen_users | usr  | Users ({res:itgen_users}) |

## Attribute Rules

### itgen.usr.usratr180 - 10 - Mutate (insert/update) - Error

|                          |                          |
|--------------------------|--------------------------|
| Code                     | usratr180                |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error                    |
| Action Moment            |                          |
| Sort Order               | 10                       |
| Autocompleted            | <input type="checkbox"/> |
| Create                   | <input type="checkbox"/> |
| Constraint Specification | 1=1                      |
| Action Specification     |                          |
| User Message             | See package itgen#users  |
| Documentation            | See package itgen#users  |

### itgen.usr.usratr181 - 10 - Mutate (insert/update) - Error

|                          |                          |
|--------------------------|--------------------------|
| Code                     | usratr181                |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error                    |
| Action Moment            |                          |
| Sort Order               | 10                       |
| Autocompleted            | <input type="checkbox"/> |
| Create                   | <input type="checkbox"/> |
| Constraint Specification | 1=1                      |
| Action Specification     |                          |
| User Message             | See package itgen#users  |
| Documentation            | See package itgen#users  |

### itgen.usr.usratr182 - 10 - Mutate (insert/update) - Error

|                          |                          |
|--------------------------|--------------------------|
| Code                     | usratr182                |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error                    |
| Action Moment            |                          |
| Sort Order               | 10                       |
| Autocompleted            | <input type="checkbox"/> |
| Create                   | <input type="checkbox"/> |
| Constraint Specification | 1=1                      |
| Action Specification     |                          |
| User Message             | See package itgen#users  |
| Documentation            | See package itgen#users  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Definition**

vcn - itgen\_view\_columns

|                                |  |
|--------------------------------|--|
| Code                           | vcn  |
| Name                           | itgen_view_columns   |
| Definition                     | A column in a view.  |
| Example                        | The view 'itgen_tables_v' has a column 'tbe_name'.   |
| Autocompleted                  | <input type="checkbox"/>   |
| Create                         | <input checked="" type="checkbox"/>  |
| Create History                 | <input checked="" type="checkbox"/>  |
| Show History                   | <input checked="" type="checkbox"/>  |
| User May Delete                | <input type="checkbox"/>   |
| User May Insert                | <input type="checkbox"/>   |
| User May Select                | <input type="checkbox"/>   |
| User May Update                | <input type="checkbox"/>   |
| Interface?                     | <input type="checkbox"/>   |
| Derived                        | <input type="checkbox"/>   |
| Default Reference Columns      | id,name,data_type,data_length,data_length_type,data_precision,data_scale,nullable_flag,conversion,definition,example |
| Data Category                  | Transaction  |
| Label Plural                   | View Columns ({res:itgen_view_columns})  |
| Label Plural when Referenced   | View Columns ({res:itgen_view_columns})  |
| Label Singular                 | View Column ({res:itgen_view_column})  |
| Label Singular when Referenced | View Column ({res:itgen_view_column})  |
| Number of Rows                 |  |
| Documentation                  |  |

## Applications

## itgen - Invantive Producer

## Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

## Table Columns

| Name                    | Data Type           | Opt.                                | Label Singular  | Definition   |
|-------------------------|---------------------|-------------------------------------|---|--|
| autocompleted_flag      | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag})                | Indicator whether this row was added by autocomplete.                            |
| confidential_flag       | char(1 byte)        | <input type="checkbox"/>            | Confidential ({res:itgen_confidential_flag})                  | Indicator whether the contents of this column are confidential.                  |
| data_type               | varchar2(30 char)   | <input type="checkbox"/>            | Data Type ({res:itgen_data_type})                             | Data type of the table column  |
| definition              | varchar2(4000 char) | <input type="checkbox"/>            | Definition ({res:itgen_definition})                           | Functional definition of the table column  |
| derived_flag            | char(1 byte)        | <input type="checkbox"/>            | Derived ({res:itgen_derived_flag})                            | Indicator whether the contents of this column can be derived from other columns. |
| display_filter_flag     | char(1 byte)        | <input type="checkbox"/>            | Display in Filter ({res:itgen_display_filter_flag})           | Indicator whether to display in filter   |
| display_lov_flag        | char(1 byte)        | <input type="checkbox"/>            | Display in LOV ({res:itgen_display_lov_flag})                 | Indicator whether to display in LOV  |
| display_record_flag     | char(1 byte)        | <input type="checkbox"/>            | Display in Record ({res:itgen_display_record_flag})           | Indicator whether to display in record area                                      |
| display_results_flag    | char(1 byte)        | <input type="checkbox"/>            | Display in Search Results ({res:itgen_display_results_flag})  | Indicator whether to display in search results                                   |
| example                 | varchar2(4000 char) | <input type="checkbox"/>            | Example ({res:itgen_example})                                 | Example of the content of the column   |
| id                      | number(15, 0)       | <input type="checkbox"/>            |   | ?  |
| name                    | varchar2(30 char)   | <input type="checkbox"/>            | Name ({res:itgen_name})                                       | Name of the view column.   |
| nullable_flag           | char(1 byte)        | <input type="checkbox"/>            | Nullable ({res:itgen_nullable_flag})                          | Indicator whether the contents of this column are optional.                      |
| viw_id                  | number(15, 0)       | <input type="checkbox"/>            | View ID ({res:itgen_viw_id})                                  | Reference to a view registered in ITGEN_VIEWS.                                   |
| conversion              | varchar2(4000 char) | <input checked="" type="checkbox"/> | Conversion ({res:itgen_conversion})                           | Conversion if field depends on other values                                      |
| data_length             | number(8, 0)        | <input checked="" type="checkbox"/> | Data Length ({res:itgen_data_length})                         | Length of the column   |
| data_length_type        | char(1 byte)        | <input checked="" type="checkbox"/> | Data Length Type ({res:itgen_data_length_type})               | Acronym of the data type with the length   |
| data_precision          | number(8, 0)        | <input checked="" type="checkbox"/> | Data Precision ({res:itgen_data_precision})                   | Precision with the data type   |
| data_scale              | number(8, 0)        | <input checked="" type="checkbox"/> | Data Scale ({res:itgen_data_scale})                           | Scale with the data type   |
| display_control_name    | varchar2(30 char)   | <input checked="" type="checkbox"/> | Display Control Name ({res:itgen_display_control_name})       | Type of control to be used for in/output.  |
| display_control_options | varchar2(240 char)  | <input checked="" type="checkbox"/> | Display Control Options ({res:itgen_display_control_options}) | Options for the control.   |
| display_order           | number(5, 0)        | <input checked="" type="checkbox"/> | Display Order ({res:itgen_display_order})                     | Order in which the controls are displayed  |
| label_plural            | varchar2(120 char)  | <input checked="" type="checkbox"/> | Label Plural ({res:itgen_label_plural})                       | Label plural   |
| label_plural_ref        | varchar2(120 char)  | <input checked="" type="checkbox"/> | Label Plural as Reference ({res:itgen_label_plural_ref})      | Label plural when referenced   |
| label_singular          | varchar2(120 char)  | <input checked="" type="checkbox"/> | Label Singular ({res:itgen_label_singular})                   | Label singular   |
| label_singular_ref      | varchar2(120 char)  | <input checked="" type="checkbox"/> | Label Singular as Reference ({res:itgen_label_singular_ref})  | Label singular when referenced   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag                         |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |

**itgen.vcn.confidential\_flag - confidential\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | confidential_flag   |                          |                          |                          |
| Definition                  | Indicator whether the contents of this column are confidential. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Confidential ({res:itgen_confidential_flag})                    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_confidential_flag                                    |                          |                          |                          |
| Label Plural                | {res:itgen_confidential_flags}                                  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_confidential_flags}                                  |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.conversion - conversion**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | conversion                                  |                          |                          |                          |
| Definition                  | Conversion if field depends on other values |                          |                          |                          |
| Example                     | 'coalesce(:orig, 'system)'                  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Conversion ({res:itgen_conversion})         |                          |                          |                          |
| Label Singular as Reference | {res:itgen_conversion                       |                          |                          |                          |
| Label Plural                | Conversions ({res:itgen_conversions})       |                          |                          |                          |
| Label Plural as Reference   | Conversions ({res:itgen_conversions})       |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.vcn.data\_length - data\_length**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | data_length                             |                          |                          |                          |
| Definition                  | Length of the column                    |                          |                          |                          |
| Example                     | '128'                                   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(8, 0)                            |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Data Length ({res:itgen_data_length})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_length                  |                          |                          |                          |
| Label Plural                | Data Lengths ({res:itgen_data_lengths}) |                          |                          |                          |
| Label Plural as Reference   | Data Lengths ({res:itgen_data_lengths}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | :orig                                   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.data\_length\_type - data\_length\_type**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | data_length_type                                  |                          |                          |                          |
| Definition                  | Acronym of the data type with the length          |                          |                          |                          |
| Example                     | 'C'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                      |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>               |                          |                          |                          |
| Display                     | In Search Filter                                  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                          |                          |                          |                          |
| System Column               | <input type="checkbox"/>                          |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                          |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                          |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                          |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Data Length Type ({res:itgen_data_length_type})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_length_type                       |                          |                          |                          |
| Label Plural                | Data Length Types ({res:itgen_data_length_types}) |                          |                          |                          |
| Label Plural as Reference   | Data Length Types ({res:itgen_data_length_types}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.vcn.data\_precision - data\_precision**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | data_precision                                |                          |                          |                          |
| Definition                  | Precision with the data type                  |                          |                          |                          |
| Example                     | '15'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(8, 0)                                  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Display                     | In Search Filter                              | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Data Precision ({res:itgen_data_precision})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_precision                     |                          |                          |                          |
| Label Plural                | Data Precisions ({res:itgen_data_precisions}) |                          |                          |                          |
| Label Plural as Reference   | Data Precisions ({res:itgen_data_precisions}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

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**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.data\_scale - data\_scale**

|                             |                                       |                          |                          |                          |
|-----------------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | data_scale                            |                          |                          |                          |
| Definition                  | Scale with the data type              |                          |                          |                          |
| Example                     | '0'                                   |                          |                          |                          |
| Definition for Manual       |                                       |                          |                          |                          |
| Documentation               |                                       |                          |                          |                          |
| Data Type                   | number(8, 0)                          |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>              |                          |                          |                          |
| System Column               | <input type="checkbox"/>              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>              |                          |                          |                          |
| Expression Default Value    |                                       |                          |                          |                          |
| Label Singular              | Data Scale ({res:itgen_data_scale})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_scale                 |                          |                          |                          |
| Label Plural                | Data Scales ({res:itgen_data_scales}) |                          |                          |                          |
| Label Plural as Reference   | Data Scales ({res:itgen_data_scales}) |                          |                          |                          |
| Display Order               |                                       |                          |                          |                          |
| Add Purchase Order          | A001                                  |                          |                          |                          |
| Conversion                  | :orig                                 |                          |                          |                          |

**itgen.vcn.data\_type - data\_type**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | data_type                           |                          |                          |                          |
| Definition                  | Data type of the table column       |                          |                          |                          |
| Example                     | 'itgen_data_type_varchar2'          |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(30 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Data Type ({res:itgen_data_type})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_data_type                |                          |                          |                          |
| Label Plural                | Data Types ({res:itgen_data_types}) |                          |                          |                          |
| Label Plural as Reference   | Data Types ({res:itgen_data_types}) |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.definition - definition**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | definition  |                          |                          |                          |
| Definition                  | Functional definition of the table column   |                          |                          |                          |
| Example                     | 'The name of the user in BUBS_GEBRUIKERS whom created the record. This value will never change after creation of the record.' |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Definition ({res:itgen_definition})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_definition   |                          |                          |                          |
| Label Plural                | Definitions ({res:itgen_definitions})   |                          |                          |                          |
| Label Plural as Reference   | Definitions ({res:itgen_definitions})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')   |                          |                          |                          |

**itgen.vcn.derived\_flag - derived\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | derived_flag   |                          |                          |                          |
| Definition                  | Indicator whether the contents of this column can be derived from other columns. |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Derived ({res:itgen_derived_flag})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_derived_flag  |                          |                          |                          |
| Label Plural                | Derived ({res:itgen_derived_flags})  |                          |                          |                          |
| Label Plural as Reference   | Derived ({res:itgen_derived_flags})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.display\_control\_name - display\_control\_name**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_control_name                                    |                          |                          |                          |
| Definition                  | Type of control to be used for in/output.               |                          |                          |                          |
| Example                     | percentageFormatter                                     |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)                                       |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display Control Name ({res:itgen_display_control_name}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_control_name                         |                          |                          |                          |
| Label Plural                | {res:itgen_display_control_names}                       |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_display_control_names}                       |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.vcn.display\_control\_options - display\_control\_options**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_control_options                                       |                          |                          |                          |
| Definition                  | Options for the control.                                      |                          |                          |                          |
| Example                     | <decimalsDisplay>2</decimalsDisplay>                          |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display Control Options ({res:itgen_display_control_options}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_control_options                            |                          |                          |                          |
| Label Plural                | {res:itgen_display_control_optionses}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_display_control_optionses}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Tables**

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| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.display\_filter\_flag - display\_filter\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_filter_flag                                 |                          |                          |                          |
| Definition                  | Indicator whether to display in filter              |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                            |                          |                          |                          |
| Display                     | In Search Filter                                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                            |                          |                          |                          |
| System Column               | <input type="checkbox"/>                            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                 |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                            |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display in Filter ({res:itgen_display_filter_flag}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_filter_flag                      |                          |                          |                          |
| Label Plural                | {res:itgen_display_filter_flags}                    |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_display_filter_flags}                    |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                |                          |                          |                          |

**itgen.vcn.display\_lov\_flag - display\_lov\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_lov_flag                                |                          |                          |                          |
| Definition                  | Indicator whether to display in LOV             |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                                    |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                        |                          |                          |                          |
| Display                     | In Search Filter                                | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                        |                          |                          |                          |
| System Column               | <input type="checkbox"/>                        |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                        |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                        |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                        |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display in LOV ({res:itgen_display_lov_flag})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_lov_flag                     |                          |                          |                          |
| Label Plural                | Display in LOVs ({res:itgen_display_lov_flags}) |                          |                          |                          |
| Label Plural as Reference   | Display in LOVs ({res:itgen_display_lov_flags}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                            |                          |                          |                          |



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**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.display\_order - display\_order**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_order                             |                          |                          |                          |
| Definition                  | Order in which the controls are displayed |                          |                          |                          |
| Example                     | 20  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(5, 0)                              |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Display                     | In Search Filter                          | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display Order ({res:itgen_display_order}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_order                  |                          |                          |                          |
| Label Plural                | {res:itgen_display_orders}                |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_display_orders}                |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                      |                          |                          |                          |
| Conversion                  | :orig                                     |                          |                          |                          |

**itgen.vcn.display\_record\_flag - display\_record\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | display_record_flag                                  |                          |                          |                          |
| Definition                  | Indicator whether to display in record area          |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Display in Record ({res:itgen_display_record_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_record_flag                       |                          |                          |                          |
| Label Plural                | Display in Record ({res:itgen_display_record_flags}) |                          |                          |                          |
| Label Plural as Reference   | Display in Record ({res:itgen_display_record_flags}) |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                 |                          |                          |                          |



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**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.display\_results\_flag - display\_results\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | display_results_flag  |                          |                          |                          |
| Definition                  | Indicator whether to display in search results                |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                      |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Display in Search Results ({res:itgen_display_results_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_display_results_flag                               |                          |                          |                          |
| Label Plural                | Display in Search Results ({res:itgen_display_results_flags}) |                          |                          |                          |
| Label Plural as Reference   | Display in Search Results ({res:itgen_display_results_flags}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.vcn.example - example**

|                             |                                      |                          |                          |                          |
|-----------------------------|--------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | example                              |                          |                          |                          |
| Definition                  | Example of the content of the column |                          |                          |                          |
| Example                     | 3                                    |                          |                          |                          |
| Definition for Manual       |                                      |                          |                          |                          |
| Documentation               |                                      |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>             |                          |                          |                          |
| Display                     | In Search Filter                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>             |                          |                          |                          |
| System Column               | <input type="checkbox"/>             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>             |                          |                          |                          |
| Expression Default Value    |                                      |                          |                          |                          |
| Label Singular              | Example ({res:itgen_example})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_example                   |                          |                          |                          |
| Label Plural                | Examples ({res:itgen_examples})      |                          |                          |                          |
| Label Plural as Reference   | Examples ({res:itgen_examples})      |                          |                          |                          |
| Display Order               |                                      |                          |                          |                          |
| Add Purchase Order          | A001                                 |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                 |                          |                          |                          |





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**Tables**

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|--------------------|------|---|
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**Table Column Details**

**itgen.vcn.id - id**

|                             |                                     |   |                                 |                                    |  |
|-----------------------------|-------------------------------------|---|---------------------------------|------------------------------------|--|
| Name                        | id                                  |   |                                 |                                    |  |
| Definition                  | ?                                   |   |                                 |                                    |  |
| Example                     | ?                                   |   |                                 |                                    |  |
| Definition for Manual       |                                     |   |                                 |                                    |  |
| Documentation               |                                     |   |                                 |                                    |  |
| Data Type                   | number(15, 0)                       |   |                                 |                                    |  |
| Nullable                    | <input type="checkbox"/>            |   |                                 |                                    |  |
| Display                     |                                     | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>            |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/> |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>            |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>            |   |                                 |                                    |  |
| Expression Default Value    |                                     |   |                                 |                                    |  |
| Label Singular              |                                     |   |                                 |                                    |  |
| Label Singular as Reference |                                     |   |                                 |                                    |  |
| Label Plural                |                                     |   |                                 |                                    |  |
| Label Plural as Reference   |                                     |   |                                 |                                    |  |
| Display Order               |                                     |   |                                 |                                    |  |
| Add Purchase Order          | A001                                |   |                                 |                                    |  |
| Conversion                  | coalesce(:orig, 0)                  |   |                                 |                                    |  |

**itgen.vcn.label\_plural - label\_plural**

|                             |   |   |                                 |                                    |  |
|-----------------------------|---|---|---------------------------------|------------------------------------|--|
| Name                        | label_plural                            |   |                                 |                                    |  |
| Definition                  | Label plural                            |   |                                 |                                    |  |
| Example                     | 'Codes' ('{res:bubs_codes}')            |   |                                 |                                    |  |
| Definition for Manual       |   |   |                                 |                                    |  |
| Documentation               |   |   |                                 |                                    |  |
| Data Type                   | varchar2(120 char)                      |   |                                 |                                    |  |
| Nullable                    | <input checked="" type="checkbox"/>     |   |                                 |                                    |  |
| Display                     |   | In Search Filter <input type="checkbox"/> | In LOV <input type="checkbox"/> | In Record <input type="checkbox"/> | In Search Results <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |   |                                 |                                    |  |
| System Column               | <input type="checkbox"/>                |   |                                 |                                    |  |
| Create                      | <input checked="" type="checkbox"/>     |   |                                 |                                    |  |
| Confidential                | <input type="checkbox"/>                |   |                                 |                                    |  |
| Derived                     | <input type="checkbox"/>                |   |                                 |                                    |  |
| Translatable                | <input type="checkbox"/>                |   |                                 |                                    |  |
| Expression Default Value    |   |   |                                 |                                    |  |
| Label Singular              | Label Plural ({res:itgen_label_plural}) |   |                                 |                                    |  |
| Label Singular as Reference | {res:itgen_label_plural}                |   |                                 |                                    |  |
| Label Plural                | {res:itgen_label_plurals}               |   |                                 |                                    |  |
| Label Plural as Reference   | {res:itgen_label_plurals}               |   |                                 |                                    |  |
| Display Order               |   |   |                                 |                                    |  |
| Add Purchase Order          | A001                                    |   |                                 |                                    |  |
| Conversion                  | :orig                                   |   |                                 |                                    |  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.label\_plural\_ref - label\_plural\_ref**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | label_plural_ref   |                          |                          |                          |
| Definition                  | Label plural when referenced                             |                          |                          |                          |
| Example                     | 'Codes' ({res:bubs_codes})                               |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(120 char)                                       |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Label Plural as Reference ({res:itgen_label_plural_ref}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_plural_ref                              |                          |                          |                          |
| Label Plural                | {res:itgen_label_plural_refs}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_plural_refs}                            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.vcn.label\_singular - label\_singular**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | label_singular                              |                          |                          |                          |
| Definition                  | Label singular                              |                          |                          |                          |
| Example                     | 'Code' ({res:bubs_code})                    |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(120 char)                          |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Label Singular ({res:itgen_label_singular}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_singular                   |                          |                          |                          |
| Label Plural                | {res:itgen_label_singulars}                 |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_singulars}                 |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.label\_singular\_ref - label\_singular\_ref**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | label_singular_ref   |                          |                          |                          |
| Definition                  | Label singular when referenced                               |                          |                          |                          |
| Example                     | 'Code' ({res:bubs_code})                                     |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(120 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Label Singular as Reference ({res:itgen_label_singular_ref}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_singular_ref                                |                          |                          |                          |
| Label Plural                | {res:itgen_label_singular_refs}                              |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_singular_refs}                              |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.vcn.name - name**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | name                                |                          |                          |                          |
| Definition                  | Name of the view column.            |                          |                          |                          |
| Example                     | code                                |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(30 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Name ({res:itgen_name})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name                     |                          |                          |                          |
| Label Plural                | Names ({res:itgen_names})           |                          |                          |                          |
| Label Plural as Reference   | Names ({res:itgen_names})           |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |



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**Applications**

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**Tables**

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| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Table Column Details**

**itgen.vcn.nullable\_flag - nullable\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | nullable_flag   |                          |                          |                          |
| Definition                  | Indicator whether the contents of this column are optional. |                          |                          |                          |
| Example                     | 'Y'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                    |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Nullable ({res:itgen_nullable_flag})                        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_nullable_flag                                    |                          |                          |                          |
| Label Plural                | Nullable ({res:itgen_nullable_flags})                       |                          |                          |                          |
| Label Plural as Reference   | Nullable ({res:itgen_nullable_flags})                       |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.vcn.viw\_id - viw\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | viw_id   |                          |                          |                          |
| Definition                  | Reference to a view registered in ITGEN_VIEWS. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter                               | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | View ID ({res:itgen_viw_id})                   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_viw_id                              |                          |                          |                          |
| Label Plural                | View ID's ({res:itgen_viw_ids})                |                          |                          |                          |
| Label Plural as Reference   | View ID's ({res:itgen_viw_ids})                |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                             |                          |                          |                          |



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**Applications**

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**Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Indexes**

| Name                                     | Create                              | Unique                              |
|--|-------------------------------------|-------------------------------------|
| <a href="#">bubs_ame_nk</a>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_pk</a>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_uk_omschrijving</a> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <a href="#">bubs_ame_uk_orig</a>         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.vcn.itgen\_vcn\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_vcn_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| viw_id | 1        |               |
| name   | 2        |               |

**itgen.vcn.itgen\_vcn\_uk\_orig**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_vcn_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced            | Role |
|------------------|------------------|------------------------------|------|
| itgen_vcn_viw_fk | itgen.vcn.viw_id | <a href="#">itgen.viw.id</a> |      |



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**Applications****itgen - Invantive Producer****Tables**

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

**Attribute Rules****itgen.vcn.atr128 - 20 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr128   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>(:last.vcn_display_control_name is null or :last.vcn_display_control_name in ('text', 'checkbox', 'date', 'datetime', 'time', 'picklist', 'percentage', 'amount', 'integer', 'textarea'))</code> |
| Action Specification     |  |
| User Message             | Correct the alias of the referenced table. ({res:itgen_atr128_user_message})   |
| Documentation            | The table alias of the referenced table must be upper case. ({res:itgen_atr128_documentation})   |

**itgen.vcn.atr129 - 20 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr129   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>(:last.vcn_data_type in ('bfile', 'blob', 'clob', 'char', 'date', 'number', 'varchar2', 'datetime', 'time'))</code>                            |
| Action Specification     |  |
| User Message             | Change the data type to a valid value. ({res:itgen_atr129_user_message})   |
| Documentation            | The data type must be either 'bfile', 'blob', 'clob', 'char', 'date', 'number', 'varchar2', 'datetime' or 'time'. ({res:itgen_atr129_documentation}) |

**itgen.vcn.atr130 - 20 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr130   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>(:last.vcn_data_length is not null and :last.vcn_data_type in ('char', 'varchar2') ) or ( :last.vcn_data_length is null and :last.vcn_data_type not in ('char', 'varchar2') )</code> |
| Action Specification     |  |
| User Message             | Enter the data length when it concerns a char or varchar2 columns. Otherwise, remove the data length. ({res:itgen_atr130_user_message})  |
| Documentation            | Data length is required for char and varchar2 columns. For all other data types, the data length must be empty. ({res:itgen_atr130_documentation})   |



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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

#### Attribute Rules

##### itgen.vcn.atr131 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr131  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( :last.vcn_data_length > 0 or :last.vcn_data_length is null )                      |
| Action Specification     |   |
| User Message             | Correct the data length. ({res:itgen_atr131_user_message})                          |
| Documentation            | The data length must be empty or more than zero. ({res:itgen_atr131_documentation}) |

##### itgen.vcn.atr132 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr132  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( :last.vcn_data_scale >= 0 or :last.vcn_data_scale is null)                      |
| Action Specification     |   |
| User Message             | Change the data scale. ({res:itgen_atr132_user_message})                          |
| Documentation            | The data scale must be empty or at least zero. ({res:itgen_atr132_documentation}) |

##### itgen.vcn.atr133 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr133  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( :last.vcn_data_precision >= 0 or :last.vcn_data_precision is null)                  |
| Action Specification     |   |
| User Message             | Change the data precision. ({res:itgen_atr133_user_message})                          |
| Documentation            | The data precision must be empty or at least zero. ({res:itgen_atr133_documentation}) |

##### itgen.vcn.atr134 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr134  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( ( :last.vcn_data_type in ('char', 'varchar2') and :last.vcn_data_length_type in ('B', 'C') )<br>or ( :last.vcn_data_type not in ('char', 'varchar2') and :last.vcn_data_length_type is null ) ) |
| Action Specification     |   |
| User Message             | Change the data length type to bytes ('B') or characters ('C') for char and varchar2 column. Otherwise, remove it. ({res:itgen_atr134_user_message})  |
| Documentation            | The data length type must be in either bytes ('B') or characters ('C') for char and varchar2 column. Otherwise, it must be empty. ({res:itgen_atr134_documentation})                              |



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## Applications

### itgen - Invantive Producer

## Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

## Attribute Rules

### itgen.vcn.atr135 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr135  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( ( :last.vcn_data_precision is not null and :last.vcn_data_type = 'number' ) or ( :last.vcn_data_precision is null and :last.vcn_data_type <> 'number' ) ) |
| Action Specification     |   |
| User Message             | Correct data precision. ({res:itgen_atr135_user_message})   |
| Documentation            | Data precision is required for number columns and must be empty otherwise. ({res:itgen_atr135_documentation})   |

### itgen.vcn.atr136 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr136  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | ( ( :last.vcn_data_scale is not null and :last.vcn_data_type = 'number' ) or ( :last.vcn_data_scale is null and :last.vcn_data_type <> 'number' ) ) |
| Action Specification     |   |
| User Message             | Correct data scale. ({res:itgen_atr136_user_message})   |
| Documentation            | Data scale is required for number columns and must be empty otherwise. ({res:itgen_atr136_documentation})   |

### itgen.vcn.atr137 - 10 - Insert - Action

|                          |                                       |
|--------------------------|---------------------------------------|
| Code                     | atr137                                |
| Event Category           | Insert                                |
| Action Category          | Action                                |
| Action Moment            | B                                     |
| Sort Order               | 10                                    |
| Autocompleted            | <input type="checkbox"/>              |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | :last.vcn_display_filter_flag is null |
| Action Specification     | :last.vcn_display_filter_flag := 'Y'; |
| User Message             |                                       |
| Documentation            |                                       |

### itgen.vcn.atr138 - 10 - Insert - Action

|                          |  |
|--------------------------|--|
| Code                     | atr138                                 |
| Event Category           | Insert                                 |
| Action Category          | Action                                 |
| Action Moment            | B                                      |
| Sort Order               | 10                                     |
| Autocompleted            | <input type="checkbox"/>               |
| Create                   | <input checked="" type="checkbox"/>    |
| Constraint Specification | :last.vcn_display_results_flag is null |
| Action Specification     | :last.vcn_display_results_flag := 'Y'; |
| User Message             |  |
| Documentation            |  |



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## Applications

### itgen - Invantive Producer

#### Tables

| Name               | Code | Label Plural                            |
|--------------------|------|---|
| itgen_view_columns | vcn  | View Columns ({res:itgen_view_columns}) |

#### Attribute Rules

##### itgen.vcn.atr139 - 10 - Insert - Action

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | atr139                              |
| Event Category           | Insert                              |
| Action Category          | Action                              |
| Action Moment            | B                                   |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input checked="" type="checkbox"/> |
| Constraint Specification | :last.vcn_display_lov_flag is null  |
| Action Specification     | :last.vcn_display_lov_flag := 'Y';  |
| User Message             |                                     |
| Documentation            |                                     |

##### itgen.vcn.atr140 - 10 - Insert - Action

|                          |                                       |
|--------------------------|---------------------------------------|
| Code                     | atr140                                |
| Event Category           | Insert                                |
| Action Category          | Action                                |
| Action Moment            | B                                     |
| Sort Order               | 10                                    |
| Autocompleted            | <input type="checkbox"/>              |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | :last.vcn_display_record_flag is null |
| Action Specification     | :last.vcn_display_record_flag := 'Y'; |
| User Message             |                                       |
| Documentation            |                                       |

##### itgen.vcn.atr141 - 10 - Insert - Action

|                          |                                      |
|--------------------------|--------------------------------------|
| Code                     | atr141                               |
| Event Category           | Insert                               |
| Action Category          | Action                               |
| Action Moment            | B                                    |
| Sort Order               | 10                                   |
| Autocompleted            | <input type="checkbox"/>             |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.vcn_autocompleted_flag is null |
| Action Specification     | :last.vcn_autocompleted_flag := 'N'; |
| User Message             |                                      |
| Documentation            |                                      |

##### itgen.vcn.atr142 - 20 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr142   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.vcn_name = lower(:last.vcn_name)   |
| Action Specification     |  |
| User Message             | Correct the column name of the view. ({res:itgen_atr142_user_message})             |
| Documentation            | The column name of the view must be lower case. ({res:itgen_atr142_documentation}) |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Table Definition**

vet - itgen\_view\_elements

|                                |  |
|--------------------------------|--|
| Code                           | vet  |
| Name                           | itgen_view_elements  |
| Definition                     | A view element is part of a business-view and associates a table or reporting view with the business view.             |
| Example                        | The table 'itgen_applications' is an element of the business-view 'itgen_tables_v'.                                    |
| Autocompleted                  | <input type="checkbox"/>   |
| Create                         | <input checked="" type="checkbox"/>  |
| Create History                 | <input checked="" type="checkbox"/>  |
| Show History                   | <input checked="" type="checkbox"/>  |
| User May Delete                | <input type="checkbox"/>   |
| User May Insert                | <input type="checkbox"/>   |
| User May Select                | <input type="checkbox"/>   |
| User May Update                | <input type="checkbox"/>   |
| Interface?                     | <input type="checkbox"/>   |
| Derived                        | <input type="checkbox"/>   |
| Default Reference Columns      | id,seq,left_outer_join,tbe_code,column_name,tbe_joined_code,joined_column_name,<br>additional_where_clause,ref_columns |
| Data Category                  | Transaction  |
| Label Plural                   | View Elements ({res:itgen_view_elements})  |
| Label Plural when Referenced   | View Elements ({res:itgen_view_elements})  |
| Label Singular                 | View Element ({res:itgen_view_element})  |
| Label Singular when Referenced | View Element ({res:itgen_view_element})  |
| Number of Rows                 |  |
| Documentation                  |  |

## Applications

## itgen - Invantive Producer

## Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

## Table Columns

| Name                      | Data Type           | Opt.                                | Label Singular  | Definition   |
|---------------------------|---------------------|-------------------------------------|---|--|
| alias                     | varchar2(30 char)   | <input type="checkbox"/>            | Alias ({res:itgen_alias})                                       | Alias of the view element's columns in the view's select clause.   |
| autocompleted_flag        | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag})                  | Indicator whether this row was added by autocomplete.  |
| id                        | number(15, 0)       | <input type="checkbox"/>            |   | ?  |
| left_outer_join_flag      | char(1 byte)        | <input type="checkbox"/>            | Left Outer Join ({res:itgen_left_outer_join_flag})              | Indicator whether the relationship is a left outer join (when 'Y') or a normal join (when 'N').  |
| seq                       | number(15, 0)       | <input type="checkbox"/>            | Sequence ({res:itgen_seq})                                      | Unique numeric code. Generally, the column is introduced to create an artificial natural unique index and it's value is identical to the value of the column ID.                                 |
| tbe_id                    | number(15, 0)       | <input type="checkbox"/>            | {res:itgen_tbe_id}  | Reference to a table registered in ITGEN_TABLES.   |
| viw_id                    | number(15, 0)       | <input type="checkbox"/>            | View ID ({res:itgen_viw_id})                                    | Reference to a view registered in ITGEN_VIEWS.   |
| additional_where_clause   | varchar2(4000 char) | <input checked="" type="checkbox"/> | Additional Where Clause ({res:itgen_additional_where_clause})   | Text to be added to the join clause of the view element. Equals additional_where_clause on a view only when not used with a left outer join.   |
| additional_where_clause_l | clob                | <input checked="" type="checkbox"/> | Additional Where Clause ({res:itgen_additional_where_clause_l}) | Text to be added to the join clause of the view element. Equals additional_where_clause on a view only when not used with a left outer join. Will replace additional_where_clause in the future. |
| column_name               | varchar2(30 char)   | <input checked="" type="checkbox"/> | Column Name ({res:itgen_column_name})                           | Column that is joined with. Normally this is always the 'id' column since Invantive Producer strongly promotes a fully normalized datamodel with only technical keys.                            |
| joined_column_name        | varchar2(30 char)   | <input checked="" type="checkbox"/> | Joined Column Name ({res:itgen_joined_column_name})             | Column being joined. Typically consists of the alias of the table in the related view element plus '_id'.  |
| ref_columns               | varchar2(4000 char) | <input checked="" type="checkbox"/> | Reference Columns ({res:itgen_ref_columns})                     | Comma-separated list of columns of the referenced table to be included in the view. A '+' means inclusion of the default column list of the table.   |
| ref_columns_l             | clob                | <input checked="" type="checkbox"/> | {res:itgen_ref_columns_l}                                       | Comma-separated list of columns of the referenced table to be included in the view. A '+' means inclusion of the default column list of the table. Will replace ref_columns in the future.       |
| tbe_joined_alias          | varchar2(30 char)   | <input checked="" type="checkbox"/> | Table Joined Alias ({res:itgen_tbe_joined_alias})               | Alias to be used for creating the column names in the business object for this view elements.  |
| tbe_joined_code           | varchar2(30 char)   | <input checked="" type="checkbox"/> | Table Joined Code ({res:itgen_tbe_joined_code})                 | Code of the table joined with. See the column 'column_name'.   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Table Column Details**

**itgen.vet.additional\_where\_clause - additional\_where\_clause**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | additional_where_clause  |                          |                          |                          |
| Definition                  | Text to be added to the join clause of the view element. Equals additional_where_clause on a view only when not used with a left outer join. |                          |                          |                          |
| Example                     | '1=1'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Additional Where Clause ({res:itgen_additional_where_clause})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_additional_where_clause   |                          |                          |                          |
| Label Plural                | Additional Where Clauses ({res:itgen_additional_where_clauses})  |                          |                          |                          |
| Label Plural as Reference   | Additional Where Clauses ({res:itgen_additional_where_clauses})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.vet.additional\_where\_clause\_l - additional\_where\_clause\_l**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | additional_where_clause_l  |                          |                          |                          |
| Definition                  | Text to be added to the join clause of the view element. Equals additional_where_clause on a view only when not used with a left outer join. Will replace additional_where_clause in the future. |                          |                          |                          |
| Example                     | '1=1'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | clob   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Additional Where Clause ({res:itgen_additional_where_clause_l})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_additional_where_clause_l   |                          |                          |                          |
| Label Plural                | Additional Where Clauses ({res:itgen_additional_where_clauses})  |                          |                          |                          |
| Label Plural as Reference   | Additional Where Clauses ({res:itgen_additional_where_clauses})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Table Column Details**

**itgen.vet.alias - alias**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | alias  |                          |                          |                          |
| Definition                  | Alias of the view element's columns in the view's select clause. |                          |                          |                          |
| Example                     | 'pjt'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                              |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Alias ({res:itgen_alias})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_alias   |                          |                          |                          |
| Label Plural                | Aliases ({res:itgen_aliases})                                    |                          |                          |                          |
| Label Plural as Reference   | Aliases ({res:itgen_aliases})                                    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |

**itgen.vet.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag                         |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Table Column Details**

**itgen.vet.column\_name - column\_name**

|                             |   |  |                                    |                                       |   |
|-----------------------------|---|--|------------------------------------|---------------------------------------|---|
| Name                        | column_name   |  |                                    |                                       |   |
| Definition                  | Column that is joined with. Normally this is always the 'id' column since Invantive Producer strongly promotes a fully normalized datamodel with only technical keys. |  |                                    |                                       |   |
| Example                     | 'id'  |  |                                    |                                       |   |
| Definition for Manual       |   |  |                                    |                                       |   |
| Documentation               |   |  |                                    |                                       |   |
| Data Type                   | varchar2(30 char)   |  |                                    |                                       |   |
| Nullable                    | <input checked="" type="checkbox"/>   |  |                                    |                                       |   |
| Display                     |   | In Search Filter<br><input type="checkbox"/> | In LOV<br><input type="checkbox"/> | In Record<br><input type="checkbox"/> | In Search Results<br><input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |  |                                    |                                       |   |
| System Column               | <input type="checkbox"/>  |  |                                    |                                       |   |
| Create                      | <input checked="" type="checkbox"/>   |  |                                    |                                       |   |
| Confidential                | <input type="checkbox"/>  |  |                                    |                                       |   |
| Derived                     | <input type="checkbox"/>  |  |                                    |                                       |   |
| Translatable                | <input type="checkbox"/>  |  |                                    |                                       |   |
| Expression Default Value    |   |  |                                    |                                       |   |
| Label Singular              | Column Name ({res:itgen_column_name})   |  |                                    |                                       |   |
| Label Singular as Reference | {res:itgen_column_name  |  |                                    |                                       |   |
| Label Plural                | Column Names ({res:itgen_column_names})   |  |                                    |                                       |   |
| Label Plural as Reference   | Column Names ({res:itgen_column_names})   |  |                                    |                                       |   |
| Display Order               |   |  |                                    |                                       |   |
| Add Purchase Order          | A001  |  |                                    |                                       |   |
| Conversion                  | :orig   |  |                                    |                                       |   |

**itgen.vet.id - id**

|                             |                                     |  |                                    |                                       |   |
|-----------------------------|-------------------------------------|--|------------------------------------|---------------------------------------|---|
| Name                        | id                                  |  |                                    |                                       |   |
| Definition                  | ?                                   |  |                                    |                                       |   |
| Example                     | ?                                   |  |                                    |                                       |   |
| Definition for Manual       |                                     |  |                                    |                                       |   |
| Documentation               |                                     |  |                                    |                                       |   |
| Data Type                   | number(15, 0)                       |  |                                    |                                       |   |
| Nullable                    | <input type="checkbox"/>            |  |                                    |                                       |   |
| Display                     |                                     | In Search Filter<br><input type="checkbox"/> | In LOV<br><input type="checkbox"/> | In Record<br><input type="checkbox"/> | In Search Results<br><input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |  |                                    |                                       |   |
| System Column               | <input type="checkbox"/>            |  |                                    |                                       |   |
| Create                      | <input checked="" type="checkbox"/> |  |                                    |                                       |   |
| Confidential                | <input type="checkbox"/>            |  |                                    |                                       |   |
| Derived                     | <input type="checkbox"/>            |  |                                    |                                       |   |
| Translatable                | <input type="checkbox"/>            |  |                                    |                                       |   |
| Expression Default Value    |                                     |  |                                    |                                       |   |
| Label Singular              |                                     |  |                                    |                                       |   |
| Label Singular as Reference |                                     |  |                                    |                                       |   |
| Label Plural                |                                     |  |                                    |                                       |   |
| Label Plural as Reference   |                                     |  |                                    |                                       |   |
| Display Order               |                                     |  |                                    |                                       |   |
| Add Purchase Order          | A001                                |  |                                    |                                       |   |
| Conversion                  | coalesce(:orig, 0)                  |  |                                    |                                       |   |



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**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Table Column Details**

**itgen.vet.joined\_column\_name - joined\_column\_name**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | joined_column_name  |                          |                          |                          |
| Definition                  | Columnng being joined. Typically consists of the alias of the table in the related view element plus '_id'. |                          |                          |                          |
| Example                     | 'use_id'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Joined Column Name ({res:itgen_joined_column_name})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_joined_column_name   |                          |                          |                          |
| Label Plural                | Joined Column Names ({res:itgen_joined_column_names})   |                          |                          |                          |
| Label Plural as Reference   | Joined Column Names ({res:itgen_joined_column_names})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.vet.left\_outer\_join\_flag - left\_outer\_join\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | left_outer_join_flag  |                          |                          |                          |
| Definition                  | Indicator whether the relationship is a left outer join (when 'Y') or a normal join (when 'N'). |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Left Outer Join ({res:itgen_left_outer_join_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_left_outer_join_flag   |                          |                          |                          |
| Label Plural                | {res:itgen_left_outer_join_flags}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_left_outer_join_flags}   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Table Column Details**

**itgen.vet.ref\_columns - ref\_columns**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | ref_columns  |                          |                          |                          |
| Definition                  | Comma-separated list of columns of the referenced table to be included in the view. A '+' means inclusion of the default column list of the table. |                          |                          |                          |
| Example                     | '+,datum_vaststelling'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Reference Columns ({res:itgen_ref_columns})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_ref_columns}  |                          |                          |                          |
| Label Plural                | {res:itgen_ref_columnses}  |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_ref_columnses}  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.vet.ref\_columns\_l - ref\_columns\_l**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | ref_columns_l  |                          |                          |                          |
| Definition                  | Comma-separated list of columns of the referenced table to be included in the view. A '+' means inclusion of the default column list of the table. Will replace ref_columns in the future. |                          |                          |                          |
| Example                     | '+,datum_vaststelling'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | clob   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_ref_columns_l}  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_ref_columns_l}  |                          |                          |                          |
| Label Plural                | {res:itgen_ref_columnsles}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_ref_columnsles}   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Table Column Details**

**itgen.vet.seq - seq**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | seq  |                          |                          |                          |
| Definition                  | Unique numeric code. Generally, the column is introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |                          |                          |                          |
| Example                     | 1  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Sequence ({res:itgen_seq})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_seq}  |                          |                          |                          |
| Label Plural                | Sequences ({res:itgen_seqs})   |                          |                          |                          |
| Label Plural as Reference   | Sequences ({res:itgen_seqs})   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |

**itgen.vet.tbe\_id - tbe\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | tbe_id   |                          |                          |                          |
| Definition                  | Reference to a table registered in ITGEN_TABLES. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                                    |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter                                 | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                         |                          |                          |                          |
| System Column               | <input type="checkbox"/>                         |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>              |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                         |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                         |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                         |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_tbe_id}                               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_tbe_id}                               |                          |                          |                          |
| Label Plural                | {res:itgen_tbe_ids}                              |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_tbe_ids}                              |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                               |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Table Column Details**

**itgen.vet.tbe\_joined\_alias - tbe\_joined\_alias**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | tbe_joined_alias  |                          |                          |                          |
| Definition                  | Alias to be used for creating the column names in the business object for this view elements. |                          |                          |                          |
| Example                     | 'uss'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(30 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Table Joined Alias ({res:itgen_tbe_joined_alias})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_tbe_joined_alias   |                          |                          |                          |
| Label Plural                | Table Joined Aliases ({res:itgen_tbe_joined_aliases})   |                          |                          |                          |
| Label Plural as Reference   | Table Joined Aliases ({res:itgen_tbe_joined_aliases})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.vet.tbe\_joined\_code - tbe\_joined\_code**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | tbe_joined_code  |                          |                          |                          |
| Definition                  | Code of the table joined with. See the column 'column_name'. |                          |                          |                          |
| Example                     | 'uss'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(30 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Table Joined Code ({res:itgen_tbe_joined_code})              |                          |                          |                          |
| Label Singular as Reference | {res:itgen_tbe_joined_code                                   |                          |                          |                          |
| Label Plural                | Table Joined Codes ({res:itgen_tbe_joined_codes})            |                          |                          |                          |
| Label Plural as Reference   | Table Joined Codes ({res:itgen_tbe_joined_codes})            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Table Column Details**

**itgen.vet.viw\_id - viw\_id**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | viw_id   |                          |                          |                          |
| Definition                  | Reference to a view registered in ITGEN_VIEWS. |                          |                          |                          |
| Example                     | 21   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)                                  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                       |                          |                          |                          |
| Display                     | In Search Filter                               | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                       |                          |                          |                          |
| System Column               | <input type="checkbox"/>                       |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>            |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                       |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                       |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                       |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | View ID ({res:itgen_viw_id})                   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_viw_id                              |                          |                          |                          |
| Label Plural                | View ID's ({res:itgen_viw_ids})                |                          |                          |                          |
| Label Plural as Reference   | View ID's ({res:itgen_viw_ids})                |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                             |                          |                          |                          |

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### itgen - Invantive Producer

#### Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

#### Indexes

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.vet.itgen\_vet\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_vet_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| viw_id | 1        |               |
| seq    | 2        |               |

##### itgen.vet.itgen\_vet\_uk\_alias

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_vet_uk_alias                  |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| viw_id | 1        |               |
| alias  | 2        |               |

##### itgen.vet.itgen\_vet\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_vet_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

##### itgen.vet.itgen\_vet\_n1

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_vet_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

##### itgen.vet.itgen\_vet\_tbe\_fk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_vet_tbe_fk                    |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |



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**Applications**

itgen - Invantive Producer

**Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Indexes**

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| tbe_id | 1        |               |

**itgen.vet.itgen\_vet\_viw\_fk**

Name: itgen\_vet\_viw\_fk  
 Create:   
 Unique:   
 Documentation:

**Index Columns**

| Name   | Position | Documentation |
|--------|----------|---------------|
| viw_id | 1        |               |

**Referential Constraints**

| Name             | Column           | Column Referenced            | Role |
|------------------|------------------|------------------------------|------|
| itgen_vet_tbe_fk | itgen.vet.tbe_id | <a href="#">itgen.tbe.id</a> |      |
| itgen_vet_viw_fk | itgen.vet.viw_id | <a href="#">itgen.viw.id</a> |      |



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## Applications

### itgen - Invantive Producer

#### Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

#### Attribute Rules

##### itgen.vet.atr013 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr013  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <pre>( :last.vet_column_name is null   and :last.vet_tbe_joined_code is null   and :last.vet_joined_column_name is null ) or ( :last.vet_column_name is not null   and :last.vet_tbe_joined_code is not null   and :last.vet_joined_column_name is not null )</pre> |
| Action Specification     |   |
| User Message             | Change the value of the column name and/or joined table and column. ({res:itgen_atr013_user_message})   |
| Documentation            | The column name and joined table and column must all be specified or all be left empty. ({res:itgen_atr013_documentation})  |

##### itgen.vet.atr032 - 10 - Insert - Action

|                          |                                      |
|--------------------------|--------------------------------------|
| Code                     | atr032                               |
| Event Category           | Insert                               |
| Action Category          | Action                               |
| Action Moment            | B                                    |
| Sort Order               | 10                                   |
| Autocompleted            | <input type="checkbox"/>             |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.vet_autocompleted_flag is null |
| Action Specification     | :last.vet_autocompleted_flag := 'N'; |
| User Message             |                                      |
| Documentation            |                                      |

##### itgen.vet.atr049 - 20 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr049   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.vet_alias = lower(:last.vet_alias)   |
| Action Specification     |  |
| User Message             | Correct the alias of the view element. ({res:itgen_atr049_user_message})             |
| Documentation            | The alias of the view element must be lower case. ({res:itgen_atr049_documentation}) |



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**Applications****itgen - Invantive Producer****Tables**

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

**Attribute Rules****itgen.vet.atr050 - 20 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr050   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <pre>( :last.vet_column_name is null   or   :last.vet_column_name = lower(:last.vet_column_name) )</pre> |

## Action Specification

User Message Correct the column name of the view element. ({res:itgen\_atr050\_user\_message})

Documentation The column name of the view element must be lower case. ({res:itgen\_atr050\_documentation})

**itgen.vet.atr051 - 20 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr051  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <pre>( :last.vet_joined_column_name is null   or   :last.vet_joined_column_name = lower(:last.vet_joined_column_name) )</pre> |

## Action Specification

User Message Correct the column name joined with the view element. ({res:itgen\_atr051\_user\_message})

Documentation The column name joined with the view element must be lower case. ({res:itgen\_atr051\_documentation})

**itgen.vet.atr052 - 20 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr052   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <pre>( :last.vet_ref_columns is null   or   :last.vet_ref_columns = lower(:last.vet_ref_columns) )</pre> |

## Action Specification

User Message Correct the list of included reference columns of the view element. ({res:itgen\_atr052\_user\_message})

Documentation The list of included reference columns of the view element must be lower case. ({res:itgen\_atr052\_documentation})

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 Function: itgen\_datamodel\_pdf\_rpt

## Applications

### itgen - Invantive Producer

## Tables

| Name                | Code | Label Plural                              |
|---------------------|------|---|
| itgen_view_elements | vet  | View Elements ({res:itgen_view_elements}) |

## Attribute Rules

### itgen.vet.atr101 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr101  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.vet_additional_where_clause) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr101_user_message})                                |
| Documentation            | Additional Where Clause may not include characters outside the US ASCII character set. ({res:itgen_atr101_documentation}) |

### itgen.vet.vetatr212 - 10 - Insert - Error

|                          |  |
|--------------------------|--|
| Code                     | vetatr212  |
| Event Category           | Insert   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>:last.viw_hard_coded_flag = 'N'</code>   |
| Action Specification     |  |
| User Message             | Remove the View Element. ({res:itgen_vetatr212_user_message})  |
| Documentation            | You can add View Elements only to a Business object which is not hard-coded. ({res:itgen_vetatr212_documentation}) |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Definition**

**viw - itgen\_views**

|                                |  |
|--------------------------------|--|
| Code                           | viw  |
| Name                           | itgen_views  |
| Definition                     | Views come in two forms: business views (ending their name with '_v') allowing a business-wise view on the data in table and mutations upon these, and reporting views (ending their name with '_r') allowing a reporting-view on a multitude on business views. |
| Example                        | The view 'itgen_tables_v' shows a list of tables and their associated applications.  |
| Autocompleted                  | <input type="checkbox"/>   |
| Create                         | <input checked="" type="checkbox"/>  |
| Create History                 | <input checked="" type="checkbox"/>  |
| Show History                   | <input checked="" type="checkbox"/>  |
| User May Delete                | <input type="checkbox"/>   |
| User May Insert                | <input type="checkbox"/>   |
| User May Select                | <input type="checkbox"/>   |
| User May Update                | <input type="checkbox"/>   |
| Interface?                     | <input type="checkbox"/>   |
| Derived                        | <input type="checkbox"/>   |
| Default Reference Columns      | id,name,code,definition,example,additional_where_clause,additional_select_clause,order_by_clause,  |
| Data Category                  | create_flag,hard_coded_flag  |
| Label Plural                   | Business Objects ({res:itgen_business_objects})  |
| Label Plural when Referenced   | Business Objects ({res:itgen_business_objects})  |
| Label Singular                 | Business object ({res:itgen_business_object})  |
| Label Singular when Referenced | Business object ({res:itgen_business_object})  |
| Number of Rows                 |  |
| Documentation                  |  |



## Applications

### itgen - Invantive Producer

#### Tables

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

#### Table Columns

| Name                       | Data Type           | Opt.                                | Label Singular  | Definition  |
|----------------------------|---------------------|-------------------------------------|---|---|
| apn_id                     | number(15, 0)       | <input type="checkbox"/>            | Application ID ({res:itgen_apn_id})                               | Reference to an application registered in ITGEN_APPLICATIONS.   |
| autocompleted_flag         | char(1 byte)        | <input type="checkbox"/>            | Autocompleted ({res:itgen_autocompleted_flag})                    | Indicator whether this row was added by autocomplete.   |
| code                       | varchar2(6 char)    | <input type="checkbox"/>            | Code ({res:itgen_code})   | Unique alphanumeric code.   |
| create_flag                | char(1 byte)        | <input type="checkbox"/>            | Create ({res:itgen_create_flag})                                  | Indicator whether the view will be created  |
| create_temp_table_flag     | char(1 byte)        | <input type="checkbox"/>            | Create Temporary Table ({res:itgen_create_temp_table_flag})       | Indicator whether the database installation software should create a global temporary table with structure identical to this view. These are typically used for views used in reports to allow time travel. |
| definition                 | varchar2(4000 char) | <input type="checkbox"/>            | Definition ({res:itgen_definition})                               | Definition of the resultset of the view   |
| example                    | varchar2(4000 char) | <input type="checkbox"/>            | Example ({res:itgen_example})                                     | Example of a resulting record   |
| grant_delete_to_user_flag  | char(1 byte)        | <input type="checkbox"/>            | User May Delete ({res:itgen_grant_delete_to_user_flag})           | Indicator whether the application user role should be granted delete privileges.  |
| grant_insert_to_user_flag  | char(1 byte)        | <input type="checkbox"/>            | User May Insert ({res:itgen_grant_insert_to_user_flag})           | Indicator whether the application user role should be granted insert privileges.  |
| grant_select_to_user_flag  | char(1 byte)        | <input type="checkbox"/>            | User May Select ({res:itgen_grant_select_to_user_flag})           | Indicator whether the application user role should be granted select privileges.  |
| grant_update_to_user_flag  | char(1 byte)        | <input type="checkbox"/>            | User May Update ({res:itgen_grant_update_to_user_flag})           | Indicator whether the application user role should be granted update privileges.  |
| hard_coded_flag            | char(1 byte)        | <input type="checkbox"/>            | Hard Coded ({res:itgen_hard_coded_flag})                          | Indicator whether the view is hardcoded   |
| id                         | number(15, 0)       | <input type="checkbox"/>            |   | ?   |
| name                       | varchar2(30 char)   | <input type="checkbox"/>            | Name ({res:itgen_name})   | Name of the view.   |
| additional_select_clause   | varchar2(4000 char) | <input checked="" type="checkbox"/> | Additional Select Clause ({res:itgen_additional_select_clause})   | Text to be added to the select clause of the view. Will in the future replace the column 'additional_select_clause'.  |
| additional_select_clause_l | clob                | <input checked="" type="checkbox"/> | Additional Select Clause ({res:itgen_additional_select_clause_l}) | Text to be added to the select clause of the view.  |
| additional_where_clause    | varchar2(4000 char) | <input checked="" type="checkbox"/> | Additional Where Clause ({res:itgen_additional_where_clause})     | Text to be added to the where clause of the view.   |
| additional_where_clause_l  | clob                | <input checked="" type="checkbox"/> | Additional Where Clause ({res:itgen_additional_where_clause_l})   | Text to be added to the where clause of the view. Will in the future replace the column 'additional_where_clause'.  |
| documentation              | varchar2(4000 char) | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation})                         | Documentation on the view.  |
| documentation_l            | clob                | <input checked="" type="checkbox"/> | Documentation ({res:itgen_documentation_l})                       | Documentation on the view. Will replace the column 'documentation' in the future.   |
| hard_coded_definition      | varchar2(4000 char) | <input checked="" type="checkbox"/> | Hard Coded Definition ({res:itgen_hard_coded_definition})         | Part 1 of SQL-Statement for retrieving records for the view   |
| hard_coded_definition_l    | clob                | <input checked="" type="checkbox"/> | Hard Coded Definition ({res:itgen_hard_coded_definition_l})       | SQL-statement for retrieving records for the view. Will in the future replace the columns starting with 'hard_coded_definition'.  |
| hard_coded_definition10    | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:itgen_hard_coded_definition10}                               | Part 10 of SQL-Statement for retrieving records for the view  |

## Applications

## itgen - Invantive Producer

## Tables

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

## Table Columns

| Name                                    | Data Type           | Opt.                                | Label Singular  | Definition  |
|---|---------------------|-------------------------------------|---|---|
| <a href="#">hard_coded_definition11</a> | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition1<br>1}                         | Part 11 of SQL-Statement for retrieving records for the view            |
| <a href="#">hard_coded_definition12</a> | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition1<br>2}                         | Part 12 of SQL-Statement for retrieving records for the view            |
| <a href="#">hard_coded_definition13</a> | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition1<br>3}                         | Part 13 of SQL-Statement for retrieving records for the view            |
| <a href="#">hard_coded_definition14</a> | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition1<br>4}                         | Part 14 of SQL-Statement for retrieving records for the view            |
| <a href="#">hard_coded_definition15</a> | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition1<br>5}                         | Part 15 of SQL-Statement for retrieving records for the view            |
| <a href="#">hard_coded_definition16</a> | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition1<br>6}                         | Part 16 of SQL-Statement for retrieving records for the view            |
| <a href="#">hard_coded_definition2</a>  | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition2<br>}                          | Part 2 of SQL-Statement for retrieving records for the view             |
| <a href="#">hard_coded_definition3</a>  | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition3<br>}                          | Part 3 of SQL-Statement for retrieving records for the view             |
| <a href="#">hard_coded_definition4</a>  | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition4<br>}                          | Part 4 of SQL-Statement for retrieving records for the view             |
| <a href="#">hard_coded_definition5</a>  | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition5<br>}                          | Part 5 of SQL-Statement for retrieving records for the view             |
| <a href="#">hard_coded_definition6</a>  | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition6<br>}                          | Part 6 of SQL-Statement for retrieving records for the view             |
| <a href="#">hard_coded_definition7</a>  | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition7<br>}                          | Part 7 of SQL-Statement for retrieving records for the view             |
| <a href="#">hard_coded_definition8</a>  | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition8<br>}                          | Part 8 of SQL-Statement for retrieving records for the view             |
| <a href="#">hard_coded_definition9</a>  | varchar2(4000 char) | <input checked="" type="checkbox"/> | {res:<br>itgen_hard_coded_definition9<br>}                          | Part 9 of SQL-Statement for retrieving records for the view             |
| <a href="#">label_plural</a>            | varchar2(120 char)  | <input checked="" type="checkbox"/> | Label Plural ({res:<br>itgen_label_plural})                         | Label plural  |
| <a href="#">label_plural_ref</a>        | varchar2(120 char)  | <input checked="" type="checkbox"/> | Label Plural as Reference<br>({res:itgen_label_plural_ref})         | Label plural when referenced  |
| <a href="#">label_singular</a>          | varchar2(120 char)  | <input checked="" type="checkbox"/> | Label Singular ({res:<br>itgen_label_singular})                     | Label singular  |
| <a href="#">label_singular_ref</a>      | varchar2(120 char)  | <input checked="" type="checkbox"/> | Label Singular as Reference<br>({res:<br>itgen_label_singular_ref}) | Label singular when referenced  |
| <a href="#">optimizer_hint</a>          | varchar2(4000 char) | <input checked="" type="checkbox"/> | Optimizer Hint ({res:<br>itgen_optimizer_hint})                     | Hint for the database optimizer to be added after the 'select' keyword. |
| <a href="#">order_by_clause</a>         | varchar2(4000 char) | <input checked="" type="checkbox"/> | Order by Clause ({res:<br>itgen_order_by_clause})                   | Text to be added to the order by clause of the view.                    |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                                    |
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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.additional\_select\_clause - additional\_select\_clause**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | additional_select_clause  |                          |                          |                          |
| Definition                  | Text to be added to the select clause of the view.Will in the future replace the column 'additional_select_clause'. |                          |                          |                          |
| Example                     | 'apn.code    '-'    apn.description apn_label'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Additional Select Clause ({res:itgen_additional_select_clause})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_additional_select_clause   |                          |                          |                          |
| Label Plural                | Additional Select Clauses ({res:itgen_additional_select_clauses})   |                          |                          |                          |
| Label Plural as Reference   | Additional Select Clauses ({res:itgen_additional_select_clauses})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.viw.additional\_select\_clause\_I - additional\_select\_clause\_I**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | additional_select_clause_I  |                          |                          |                          |
| Definition                  | Text to be added to the select clause of the view.                |                          |                          |                          |
| Example                     | 'and ste.securitymode = 1'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | clob  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                               |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Additional Select Clause ({res:itgen_additional_select_clause_I}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_additional_select_clause_I                             |                          |                          |                          |
| Label Plural                | Additional Select Clauses ({res:itgen_additional_select_clauses}) |                          |                          |                          |
| Label Plural as Reference   | Additional Select Clauses ({res:itgen_additional_select_clauses}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.additional\_where\_clause - additional\_where\_clause**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | additional_where_clause   |                          |                          |                          |
| Definition                  | Text to be added to the where clause of the view.               |                          |                          |                          |
| Example                     | 'and ste.securitymode = 1'                                      |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                             |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                             |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Additional Where Clause ({res:itgen_additional_where_clause})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_additional_where_clause                              |                          |                          |                          |
| Label Plural                | Additional Where Clauses ({res:itgen_additional_where_clauses}) |                          |                          |                          |
| Label Plural as Reference   | Additional Where Clauses ({res:itgen_additional_where_clauses}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.viw.additional\_where\_clause\_1 - additional\_where\_clause\_1**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | additional_where_clause_1  |                          |                          |                          |
| Definition                  | Text to be added to the where clause of the view. Will in the future replace the column 'additional_where_clause'. |                          |                          |                          |
| Example                     | 'and ste.securitymode = 1'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | clob   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Additional Where Clause ({res:itgen_additional_where_clause_1})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_additional_where_clause_1   |                          |                          |                          |
| Label Plural                | Additional Where Clauses ({res:itgen_additional_where_clauses})  |                          |                          |                          |
| Label Plural as Reference   | Additional Where Clauses ({res:itgen_additional_where_clauses})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                                    |
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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.apn\_id - apn\_id**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | apn_id  |                          |                          |                          |
| Definition                  | Reference to an application registered in ITGEN_APPLICATIONS. |                          |                          |                          |
| Example                     | 3   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | number(15, 0)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                      |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                      |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                      |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                           |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                      |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                      |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                      |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Application ID ({res:itgen_apn_id})                           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_apn_id}  |                          |                          |                          |
| Label Plural                | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Label Plural as Reference   | Index IDs ({res:itgen_apn_ids})                               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)  |                          |                          |                          |

**itgen.viw.autocompleted\_flag - autocompleted\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | autocompleted_flag                                    |                          |                          |                          |
| Definition                  | Indicator whether this row was added by autocomplete. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                              |                          |                          |                          |
| Display                     | In Search Filter                                      | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                              |                          |                          |                          |
| System Column               | <input type="checkbox"/>                              |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                              |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                              |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                              |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Autocompleted ({res:itgen_autocompleted_flag})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_autocompleted_flag}                        |                          |                          |                          |
| Label Plural                | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Label Plural as Reference   | Autocompleteds ({res:itgen_autocompleted_flags})      |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.code - code**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | code  |                          |                          |                          |
| Definition                  | Unique alphanumeric code.   |                          |                          |                          |
| Example                     | 'Amsterdam (NL)' would be a unique code for the city of Amsterdam in the Netherlands. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(6 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Code ({res:itgen_code})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_code   |                          |                          |                          |
| Label Plural                | Codes ({res:itgen_codes})   |                          |                          |                          |
| Label Plural as Reference   | Codes ({res:itgen_codes})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')  |                          |                          |                          |

**itgen.viw.create\_flag - create\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | create_flag                                |                          |                          |                          |
| Definition                  | Indicator whether the view will be created |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)                               |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                   |                          |                          |                          |
| Display                     | In Search Filter                           | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                   |                          |                          |                          |
| System Column               | <input type="checkbox"/>                   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>        |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Create ({res:itgen_create_flag})           |                          |                          |                          |
| Label Singular as Reference | {res:itgen_create_flag                     |                          |                          |                          |
| Label Plural                | Creates ({res:itgen_create_flags})         |                          |                          |                          |
| Label Plural as Reference   | Creates ({res:itgen_create_flags})         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001                                       |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                       |                          |                          |                          |



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**Table Column Details**

**itgen.viw.create\_temp\_table\_flag - create\_temp\_table\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | create_temp_table_flag  |                          |                          |                          |
| Definition                  | Indicator whether the database installation software should create a global temporary table with structure identical to this view. These are typically used for views used in reports to allow time travel. |                          |                          |                          |
| Example                     | 'N'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Create Temporary Table ({res:itgen_create_temp_table_flag})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_create_temp_table_flag   |                          |                          |                          |
| Label Plural                | {res:itgen_create_temp_table_flags}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_create_temp_table_flags}   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')   |                          |                          |                          |

**itgen.viw.definition - definition**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | definition   |                          |                          |                          |
| Definition                  | Definition of the resultset of the view  |                          |                          |                          |
| Example                     | All projects in the system. It shows even projects for which the current user has no access. Therefore, solely the project code is shown. Typically used to allow the Outlook add-in to give appropriate errors. |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Definition ({res:itgen_definition})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_definition  |                          |                          |                          |
| Label Plural                | Definitions ({res:itgen_definitions})  |                          |                          |                          |
| Label Plural as Reference   | Definitions ({res:itgen_definitions})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coaloesce(:orig, '?')  |                          |                          |                          |





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**Table Column Details**

**itgen.viw.documentation - documentation**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | documentation  |                          |                          |                          |
| Definition                  | Documentation on the view.   |                          |                          |                          |
| Example                     | The view 'bubs_projecten_v' contains project data plus all referenced data such as Customer. |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation   |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.viw.documentation\_1 - documentation\_1**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | documentation_1  |                          |                          |                          |
| Definition                  | Documentation on the view. Will replace the column 'documentation' in the future.            |                          |                          |                          |
| Example                     | The view 'bubs_projecten_v' contains project data plus all referenced data such as Customer. |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | clob   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Documentation ({res:itgen_documentation_1})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_documentation_1   |                          |                          |                          |
| Label Plural                | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Label Plural as Reference   | Documentations ({res:itgen_documentations})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Table Column Details**

**itgen.viw.example - example**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | example                                     |                          |                          |                          |
| Definition                  | Example of a resulting record               |                          |                          |                          |
| Example                     | Project 123 is visible, but not in context. |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                         |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                    |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Example ({res:itgen_example})               |                          |                          |                          |
| Label Singular as Reference | {res:itgen_example}                         |                          |                          |                          |
| Label Plural                | Examples ({res:itgen_examples})             |                          |                          |                          |
| Label Plural as Reference   | Examples ({res:itgen_examples})             |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                        |                          |                          |                          |

**itgen.viw.grant\_delete\_to\_user\_flag - grant\_delete\_to\_user\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | grant_delete_to_user_flag  |                          |                          |                          |
| Definition                  | Indicator whether the application user role should be granted delete privileges. |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | User May Delete ({res:itgen_grant_delete_to_user_flag})                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_grant_delete_to_user_flag}  |                          |                          |                          |
| Label Plural                | {res:itgen_grant_delete_to_user_flags}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_grant_delete_to_user_flags}   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |



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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.grant\_insert\_to\_user\_flag - grant\_insert\_to\_user\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | grant_insert_to_user_flag  |                          |                          |                          |
| Definition                  | Indicator whether the application user role should be granted insert privileges. |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | User May Insert ({res:itgen_grant_insert_to_user_flag})                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_grant_insert_to_user_flag   |                          |                          |                          |
| Label Plural                | {res:itgen_grant_insert_to_user_flags}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_grant_insert_to_user_flags}   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |

**itgen.viw.grant\_select\_to\_user\_flag - grant\_select\_to\_user\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | grant_select_to_user_flag  |                          |                          |                          |
| Definition                  | Indicator whether the application user role should be granted select privileges. |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | User May Select ({res:itgen_grant_select_to_user_flag})                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_grant_select_to_user_flag   |                          |                          |                          |
| Label Plural                | {res:itgen_grant_select_to_user_flags}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_grant_select_to_user_flags}   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                                    |
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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.grant\_update\_to\_user\_flag - grant\_update\_to\_user\_flag**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | grant_update_to_user_flag  |                          |                          |                          |
| Definition                  | Indicator whether the application user role should be granted update privileges. |                          |                          |                          |
| Example                     | 'N'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | char(1 byte)   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | User May Update ({res:itgen_grant_update_to_user_flag})                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_grant_update_to_user_flag   |                          |                          |                          |
| Label Plural                | {res:itgen_grant_update_to_user_flags}   |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_grant_update_to_user_flags}   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')   |                          |                          |                          |

**itgen.viw.hard\_coded\_definition - hard\_coded\_definition**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition                                       |                          |                          |                          |
| Definition                  | Part 1 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'select 1'  |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Hard Coded Definition ({res:itgen_hard_coded_definition})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition                            |                          |                          |                          |
| Label Plural                | Hard Coded Definitions ({res:itgen_hard_coded_definitions}) |                          |                          |                          |
| Label Plural as Reference   | Hard Coded Definitions ({res:itgen_hard_coded_definitions}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

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**Table Column Details**

**itgen.viw.hard\_coded\_definition\_1 - hard\_coded\_definition\_1**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition_1  |                          |                          |                          |
| Definition                  | SQL-statement for retrieving records for the view. Will in the future replace the columns starting with 'hard_coded_definition_1'. |                          |                          |                          |
| Example                     | 'select 1 from dual'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | clob   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Hard Coded Definition ({res:itgen_hard_coded_definition_1})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition_1   |                          |                          |                          |
| Label Plural                | Hard Coded Definitions ({res:itgen_hard_coded_definitions})  |                          |                          |                          |
| Label Plural as Reference   | Hard Coded Definitions ({res:itgen_hard_coded_definitions})  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.viw.hard\_coded\_definition10 - hard\_coded\_definition10**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition10                                      |                          |                          |                          |
| Definition                  | Part 10 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition10}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition10                           |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition10s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition10s}                         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

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**Table Column Details**

**itgen.viw.hard\_coded\_definition11 - hard\_coded\_definition11**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition11                                      |                          |                          |                          |
| Definition                  | Part 11 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition11}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition11}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition11s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition11s}                         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.viw.hard\_coded\_definition12 - hard\_coded\_definition12**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition12                                      |                          |                          |                          |
| Definition                  | Part 12 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition12}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition12}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition12s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition12s}                         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

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**Tables**

| Name        | Code | Label Plural                                    |
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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.hard\_coded\_definition13 - hard\_coded\_definition13**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition13                                      |                          |                          |                          |
| Definition                  | Part 13 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition13}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition13}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition13s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition13s}                         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

**itgen.viw.hard\_coded\_definition14 - hard\_coded\_definition14**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition14                                      |                          |                          |                          |
| Definition                  | Part 14 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition14}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition14}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition14s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition14s}                         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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Applications

itgen - Invantive Producer

Tables

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

Table Column Details

itgen.viw.hard\_coded\_definition15 - hard\_coded\_definition15

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition15                                      |                          |                          |                          |
| Definition                  | Part 15 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition15}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition15}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition15s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition15s}                         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

itgen.viw.hard\_coded\_definition16 - hard\_coded\_definition16

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition16                                      |                          |                          |                          |
| Definition                  | Part 16 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                     |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition16}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition16}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition16s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition16s}                         |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.hard\_coded\_definition2 - hard\_coded\_definition2**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition2                                      |                          |                          |                          |
| Definition                  | Part 2 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'from dual'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition2}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition2}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition2s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition2s}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.viw.hard\_coded\_definition3 - hard\_coded\_definition3**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition3                                      |                          |                          |                          |
| Definition                  | Part 3 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'where 1=1'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition3}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition3}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition3s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition3s}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.hard\_coded\_definition4 - hard\_coded\_definition4**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition4                                      |                          |                          |                          |
| Definition                  | Part 4 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition4}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition4}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition4s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition4s}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.viw.hard\_coded\_definition5 - hard\_coded\_definition5**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition5                                      |                          |                          |                          |
| Definition                  | Part 5 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition5}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition5}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition5s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition5s}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.hard\_coded\_definition6 - hard\_coded\_definition6**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition6                                      |                          |                          |                          |
| Definition                  | Part 6 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition6}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition6}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition6s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition6s}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.viw.hard\_coded\_definition7 - hard\_coded\_definition7**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition7                                      |                          |                          |                          |
| Definition                  | Part 7 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition7}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition7}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition7s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition7s}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Tables**

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**Table Column Details**

**itgen.viw.hard\_coded\_definition8 - hard\_coded\_definition8**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition8                                      |                          |                          |                          |
| Definition                  | Part 8 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition8}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition8}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition8s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition8s}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |

**itgen.viw.hard\_coded\_definition9 - hard\_coded\_definition9**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_definition9                                      |                          |                          |                          |
| Definition                  | Part 9 of SQL-Statement for retrieving records for the view |                          |                          |                          |
| Example                     | 'and 2=2'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                    |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                    |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | {res:itgen_hard_coded_definition9}                          |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_definition9}                          |                          |                          |                          |
| Label Plural                | {res:itgen_hard_coded_definition9s}                         |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_hard_coded_definition9s}                         |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**itgen - Invantive Producer**

**Tables**

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|-------------|------|---|
| itgen_views | viv  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viv.hard\_coded\_flag - hard\_coded\_flag**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | hard_coded_flag                           |                          |                          |                          |
| Definition                  | Indicator whether the view is hardcoded   |                          |                          |                          |
| Example                     | 'N'                                       |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | char(1 byte)                              |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                  |                          |                          |                          |
| Display                     | In Search Filter                          | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                  |                          |                          |                          |
| System Column               | <input type="checkbox"/>                  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>       |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Hard Coded ({res:itgen_hard_coded_flag})  |                          |                          |                          |
| Label Singular as Reference | {res:itgen_hard_coded_flag                |                          |                          |                          |
| Label Plural                | Hard Coded ({res:itgen_hard_coded_flags}) |                          |                          |                          |
| Label Plural as Reference   | Hard Coded ({res:itgen_hard_coded_flags}) |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                      |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                      |                          |                          |                          |

**itgen.viv.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Tables**

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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.label\_plural - label\_plural**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | label_plural                            |                          |                          |                          |
| Definition                  | Label plural                            |                          |                          |                          |
| Example                     | 'Projects' ({res:bubs_projects})        |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(120 char)                      |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Display                     | In Search Filter                        | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                |                          |                          |                          |
| System Column               | <input type="checkbox"/>                |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>     |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Label Plural ({res:itgen_label_plural}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_plural}                |                          |                          |                          |
| Label Plural                | {res:itgen_label_plurals}               |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_plurals}               |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001                                    |                          |                          |                          |
| Conversion                  | :orig                                   |                          |                          |                          |

**itgen.viw.label\_plural\_ref - label\_plural\_ref**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | label_plural_ref   |                          |                          |                          |
| Definition                  | Label plural when referenced                             |                          |                          |                          |
| Example                     | 'Projects' ({res:bubs_projects})                         |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(120 char)                                       |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Label Plural as Reference ({res:itgen_label_plural_ref}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_plural_ref}                             |                          |                          |                          |
| Label Plural                | {res:itgen_label_plural_refs}                            |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_plural_refs}                            |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.label\_singular - label\_singular**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | label_singular                              |                          |                          |                          |
| Definition                  | Label singular                              |                          |                          |                          |
| Example                     | 'Project' ({res:bubs_project})              |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(120 char)                          |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Display                     | In Search Filter                            | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                    |                          |                          |                          |
| System Column               | <input type="checkbox"/>                    |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                    |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                    |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>         |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Label Singular ({res:itgen_label_singular}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_singular                   |                          |                          |                          |
| Label Plural                | {res:itgen_label_singulars}                 |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_singulars}                 |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig                                       |                          |                          |                          |

**itgen.viw.label\_singular\_ref - label\_singular\_ref**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | label_singular_ref   |                          |                          |                          |
| Definition                  | Label singular when referenced                               |                          |                          |                          |
| Example                     | 'Project' ({res:bubs_project})                               |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(120 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                     |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                     |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                     |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                     |                          |                          |                          |
| Translatable                | <input checked="" type="checkbox"/>                          |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Label Singular as Reference ({res:itgen_label_singular_ref}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_label_singular_ref                                |                          |                          |                          |
| Label Plural                | {res:itgen_label_singular_refs}                              |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_label_singular_refs}                              |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.name - name**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | name                                |                          |                          |                          |
| Definition                  | Name of the view.                   |                          |                          |                          |
| Example                     | 'bubs_projecten_v'                  |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | varchar2(30 char)                   |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Name ({res:itgen_name})             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_name                     |                          |                          |                          |
| Label Plural                | Names ({res:itgen_names})           |                          |                          |                          |
| Label Plural as Reference   | Names ({res:itgen_names})           |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                |                          |                          |                          |

**itgen.viw.optimizer\_hint - optimizer\_hint**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | optimizer_hint  |                          |                          |                          |
| Definition                  | Hint for the database optimizer to be added after the 'select' keyword. |                          |                          |                          |
| Example                     | 'no_merge(lkr)'   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(4000 char)   |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                                     |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                                     |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Optimizer Hint ({res:itgen_optimizer_hint})                             |                          |                          |                          |
| Label Singular as Reference | {res:itgen_optimizer_hint   |                          |                          |                          |
| Label Plural                | Optimizer Hints ({res:itgen_optimizer_hints})                           |                          |                          |                          |
| Label Plural as Reference   | Optimizer Hints ({res:itgen_optimizer_hints})                           |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |





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**itgen - Invantive Producer**

**Tables**

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| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Table Column Details**

**itgen.viw.order\_by\_clause - order\_by\_clause**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | order_by_clause                                      |                          |                          |                          |
| Definition                  | Text to be added to the order by clause of the view. |                          |                          |                          |
| Example                     | 'apn.code'   |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(4000 char)                                  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Display                     | In Search Filter                                     | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                             |                          |                          |                          |
| System Column               | <input type="checkbox"/>                             |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                             |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                             |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                             |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Order by Clause ({res:itgen_order_by_clause})        |                          |                          |                          |
| Label Singular as Reference | {res:itgen_order_by_clause                           |                          |                          |                          |
| Label Plural                | Order By Clauses ({res:itgen_order_by_clauses})      |                          |                          |                          |
| Label Plural as Reference   | Order By Clauses ({res:itgen_order_by_clauses})      |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | :orig  |                          |                          |                          |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

#### Indexes

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

#### Indexes

##### itgen.viw.itgen\_viw\_nk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_viw_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| apn_id | 1        |               |
| code   | 2        |               |

##### itgen.viw.itgen\_viw\_uk\_orig

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_viw_uk_orig                   |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

##### Index Columns

| Name                  | Position | Documentation |
|-----------------------|----------|---------------|
| orig_system_reference | 1        |               |

##### itgen.viw.itgen\_viw\_apn\_fk

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_viw_apn_fk                    |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name   | Position | Documentation |
|--------|----------|---------------|
| apn_id | 1        |               |

##### itgen.viw.itgen\_viw\_n1

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_viw_n1                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input type="checkbox"/>            |
| Documentation |                                     |

##### Index Columns

| Name              | Position | Documentation |
|-------------------|----------|---------------|
| date_last_updated | 1        |               |

#### Referential Constraints

| Name             | Column           | Column Referenced | Role |
|------------------|------------------|-------------------|------|
| itgen_viw_apn_fk | itgen.viw.apn_id | itgen.apn.id      |      |



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## Applications

### itgen - Invantive Producer

#### Tables

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

#### Attribute Rules

##### itgen.viw.atr015 - 10 - Insert - Action

|                          |                                     |
|--------------------------|-------------------------------------|
| Code                     | atr015                              |
| Event Category           | Insert                              |
| Action Category          | Action                              |
| Action Moment            | B                                   |
| Sort Order               | 10                                  |
| Autocompleted            | <input type="checkbox"/>            |
| Create                   | <input checked="" type="checkbox"/> |
| Constraint Specification | :last.viw_create_flag is null       |
| Action Specification     | :last.viw_create_flag := 'Y';       |
| User Message             |                                     |
| Documentation            |                                     |

##### itgen.viw.atr031 - 10 - Insert - Action

|                          |                                      |
|--------------------------|--------------------------------------|
| Code                     | atr031                               |
| Event Category           | Insert                               |
| Action Category          | Action                               |
| Action Moment            | B                                    |
| Sort Order               | 10                                   |
| Autocompleted            | <input type="checkbox"/>             |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.viw_autocompleted_flag is null |
| Action Specification     | :last.viw_autocompleted_flag := 'N'; |
| User Message             |                                      |
| Documentation            |                                      |

##### itgen.viw.atr037 - 20 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr037  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 20  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | substr(:last.viw_name, -2) in ('_v', '_r', '_a')  |
| Action Specification     |   |
| User Message             | The name of the view has to end on '_v', '_r' or '_a'. ({res:itgen_atr037_user_message})  |
| Documentation            | A view name must end in '_v' (business object), '_r' (reporting view) or '_a' (non-secured business object). ({res:itgen_atr037_documentation}) |

##### itgen.viw.atr039 - 20 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr039   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>                                  |
| Constraint Specification | :last.viw_name = lower(:last.viw_name)                               |
| Action Specification     |  |
| User Message             | Correct the code of the view. ({res:itgen_atr039_user_message})      |
| Documentation            | The view name must be lower case. ({res:itgen_atr039_documentation}) |



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**Applications****itgen - Invantive Producer****Tables**

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Attribute Rules****itgen.viw.atr042 - 20 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr042   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 20   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>                                  |
| Constraint Specification | <code>:last.viw_code = lower(:last.viw_code)</code>                  |
| Action Specification     |  |
| User Message             | Correct the code of the view. ({res:itgen_atr042_user_message})      |
| Documentation            | The view code must be lower case. ({res:itgen_atr042_documentation}) |

**itgen.viw.atr098 - 10 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr098  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_additional_where_clause) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr098_user_message})                                |
| Documentation            | Additional Where Clause may not include characters outside the US ASCII character set. ({res:itgen_atr098_documentation}) |

**itgen.viw.atr099 - 10 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr099   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_additional_select_clause) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr099_user_message})                                 |
| Documentation            | Additional Select Clause may not include characters outside the US ASCII character set. ({res:itgen_atr099_documentation}) |

**itgen.viw.atr100 - 10 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | atr100   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_optimizer_hint) = 'Y'</code>  |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr100_user_message})                       |
| Documentation            | Optimizer Hint may not include characters outside the US ASCII character set. ({res:itgen_atr100_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

#### Attribute Rules

##### itgen.viw.atr102 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr102  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr102_user_message})                              |
| Documentation            | Hard Coded Definition may not include characters outside the US ASCII character set. ({res:itgen_atr102_documentation}) |

##### itgen.viw.atr103 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr103  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition2) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr103_user_message})                                |
| Documentation            | Hard Coded Definition 2 may not include characters outside the US ASCII character set. ({res:itgen_atr103_documentation}) |

##### itgen.viw.atr104 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr104  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition3) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr104_user_message})                                |
| Documentation            | Hard Coded Definition 3 may not include characters outside the US ASCII character set. ({res:itgen_atr104_documentation}) |

##### itgen.viw.atr105 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr105  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition4) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr105_user_message})                                |
| Documentation            | Hard Coded Definition 4 may not include characters outside the US ASCII character set. ({res:itgen_atr105_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

#### Attribute Rules

##### itgen.viw.atr106 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr106  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition5) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr106_user_message})                                |
| Documentation            | Hard Coded Definition 5 may not include characters outside the US ASCII character set. ({res:itgen_atr106_documentation}) |

##### itgen.viw.atr107 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr107  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition6) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr107_user_message})                                |
| Documentation            | Hard Coded Definition 6 may not include characters outside the US ASCII character set. ({res:itgen_atr107_documentation}) |

##### itgen.viw.atr108 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr108  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition7) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr108_user_message})                                |
| Documentation            | Hard Coded Definition 7 may not include characters outside the US ASCII character set. ({res:itgen_atr108_documentation}) |

##### itgen.viw.atr109 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr109  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition8) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr109_user_message})                                |
| Documentation            | Hard Coded Definition 8 may not include characters outside the US ASCII character set. ({res:itgen_atr109_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

#### Attribute Rules

##### itgen.viw.atr110 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | atr110  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition9) = 'Y'</code>   |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr110_user_message})                                |
| Documentation            | Hard Coded Definition 9 may not include characters outside the US ASCII character set. ({res:itgen_atr110_documentation}) |

##### itgen.viw.atr111 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr111   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition10) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr111_user_message})                                 |
| Documentation            | Hard Coded Definition 10 may not include characters outside the US ASCII character set. ({res:itgen_atr111_documentation}) |

##### itgen.viw.atr112 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr112   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition11) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr112_user_message})                                 |
| Documentation            | Hard Coded Definition 11 may not include characters outside the US ASCII character set. ({res:itgen_atr112_documentation}) |

##### itgen.viw.atr113 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr113   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition12) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr113_user_message})                                 |
| Documentation            | Hard Coded Definition 12 may not include characters outside the US ASCII character set. ({res:itgen_atr113_documentation}) |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

#### Attribute Rules

##### itgen.viw.atr114 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr114   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition13) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr114_user_message})                                 |
| Documentation            | Hard Coded Definition 13 may not include characters outside the US ASCII character set. ({res:itgen_atr114_documentation}) |

##### itgen.viw.atr115 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr115   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition14) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr115_user_message})                                 |
| Documentation            | Hard Coded Definition 14 may not include characters outside the US ASCII character set. ({res:itgen_atr115_documentation}) |

##### itgen.viw.atr116 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr116   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition15) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr116_user_message})                                 |
| Documentation            | Hard Coded Definition 15 may not include characters outside the US ASCII character set. ({res:itgen_atr116_documentation}) |

##### itgen.viw.atr117 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | atr117   |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition16) = 'Y'</code>   |
| Action Specification     |  |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr117_user_message})                                 |
| Documentation            | Hard Coded Definition 16 may not include characters outside the US ASCII character set. ({res:itgen_atr117_documentation}) |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Attribute Rules**

**itgen.viw.atr118 - 10 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | atr118  |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>itgen_string.is_7bit_clean(:last.viw_hard_coded_definition_1) = 'Y'</code>  |
| Action Specification     |   |
| User Message             | Remove characters not within the US ASCII character set. ({res:itgen_atr118_user_message})                              |
| Documentation            | Hard Coded Definition may not include characters outside the US ASCII character set. ({res:itgen_atr118_documentation}) |

**itgen.viw.viwatr205 - 10 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | viwatr205   |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>:last.viw_hard_coded_flag = 'N' or :last.viw_additional_where_clause_1 is null</code>   |
| Action Specification     |   |
| User Message             | Remove the value of Additional Where Clause. ({res:itgen_viwatr205_user_message})   |
| Documentation            | The Additional Where Clause can only be specified for Business Objects built using View Elements. ({res:itgen_viwatr205_documentation}) |

**itgen.viw.viwatr206 - 10 - Mutate (insert/update) - Error**

|                          |   |
|--------------------------|---|
| Code                     | viwatr206   |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>:last.viw_hard_coded_flag = 'N' or :last.viw_additional_where_clause is null</code>   |
| Action Specification     |   |
| User Message             | Remove the value of Additional Where Clause. ({res:itgen_viwatr206_user_message})   |
| Documentation            | The Additional Where Clause can only be specified for Business Objects built using View Elements. ({res:itgen_viwatr206_documentation}) |

**itgen.viw.viwatr207 - 10 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | viwatr207  |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>:last.viw_hard_coded_flag = 'N' or :last.viw_additional_select_clause_1 is null</code>   |
| Action Specification     |  |
| User Message             | Remove the value of Additional Select Clause. ({res:itgen_viwatr207_user_message})   |
| Documentation            | The Additional Select Clause can only be specified for Business Objects built using View Elements. ({res:itgen_viwatr207_documentation}) |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

**Attribute Rules**

**itgen.viw.viwatr208 - 10 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | viwatr208  |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.viw_hard_coded_flag = 'N' or :last.viw_additional_select_clause is null  |
| Action Specification     |  |
| User Message             | Remove the value of Additional Select Clause. ({res:itgen_viwatr208_user_message})   |
| Documentation            | The Additional Select Clause can only be specified for Business Objects built using View Elements. ({res:itgen_viwatr208_documentation}) |

**itgen.viw.viwatr209 - 10 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | viwatr209  |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.viw_hard_coded_flag = 'Y' or :last.viw_hard_coded_definition_1 is null   |
| Action Specification     |  |
| User Message             | Change the Business object into a hard-coded Business object. ({res:itgen_viwatr209_user_message})                         |
| Documentation            | You can specify a hard-coded definition only when the Business object is hard-coded. ({res:itgen_viwatr209_documentation}) |

**itgen.viw.viwatr210 - 10 - Mutate (insert/update) - Error**

|                          |  |
|--------------------------|--|
| Code                     | viwatr210  |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | :last.viw_hard_coded_flag = 'Y'<br>or<br>( :last.viw_hard_coded_definition is null<br>and :last.viw_hard_coded_definition2 is null<br>and :last.viw_hard_coded_definition3 is null<br>and :last.viw_hard_coded_definition4 is null<br>and :last.viw_hard_coded_definition5 is null<br>and :last.viw_hard_coded_definition6 is null<br>and :last.viw_hard_coded_definition7 is null<br>and :last.viw_hard_coded_definition8 is null<br>and :last.viw_hard_coded_definition9 is null<br>and :last.viw_hard_coded_definition10 is null<br>and :last.viw_hard_coded_definition11 is null<br>and :last.viw_hard_coded_definition12 is null<br>and :last.viw_hard_coded_definition13 is null<br>and :last.viw_hard_coded_definition14 is null<br>and :last.viw_hard_coded_definition15 is null<br>and :last.viw_hard_coded_definition16 is null<br>) |
| Action Specification     |  |
| User Message             | Change the Business object into a hard-coded Business object. ({res:itgen_viwatr210_user_message})   |
| Documentation            | You can specify hard-coded definitions only when the Business object is hard-coded. ({res:itgen_viwatr210_documentation})  |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name        | Code | Label Plural                                    |
|-------------|------|---|
| itgen_views | viw  | Business Objects ({res:itgen_business_objects}) |

#### Attribute Rules

##### itgen.viw.viwatr211 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | viwatr211  |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>:last.viw_hard_coded_flag = 'N' or :last.viw_optimizer_hint is null</code>   |
| Action Specification     |  |
| User Message             | Remove the value of Optimizer Hint. ({res:itgen_viwatr211_user_message})   |
| Documentation            | The Optimizer Hint can only be specified for Business Objects built using View Elements. ({res:itgen_viwatr211_documentation}) |

##### itgen.viw.viwatr212 - 10 - Mutate (insert/update) - Error

|                          |   |
|--------------------------|---|
| Code                     | viwatr212   |
| Event Category           | Mutate (insert/update)  |
| Action Category          | Error   |
| Action Moment            |   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>   |
| Constraint Specification | <code>:last.viw_hard_coded_flag = 'N' or :last.viw_order_by_clause is null</code>   |
| Action Specification     |   |
| User Message             | Remove the value of Order by Clause. ({res:itgen_viwatr212_user_message})   |
| Documentation            | The Order by Clause can only be specified for Business Objects built using View Elements. ({res:itgen_viwatr212_documentation}) |

##### itgen.viw.viwatr213 - 10 - Mutate (insert/update) - Error

|                          |  |
|--------------------------|--|
| Code                     | viwatr213  |
| Event Category           | Mutate (insert/update)   |
| Action Category          | Error  |
| Action Moment            |  |
| Sort Order               | 10   |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Constraint Specification | <code>:last.viw_hard_coded_flag = 'N'<br/>or<br/>not exists<br/>( select 1<br/>  from itgen_view_elements_v vet<br/>  where vet.viw_id = :last.viw_id<br/>)</code> |
| Action Specification     |  |
| User Message             | Remove the View Elements. ({res:itgen_viwatr213_user_message})   |
| Documentation            | You can not hard-code a Business object when it has View Elements. ({res:itgen_viwatr213_documentation})   |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                                      |
|----------------|------|---|
| itgen_ws_cache | wce  | Webservice Caches ({res:itgen_webservice_caches}) |

**Table Definition**

wce - itgen\_ws\_cache

|                                |   |
|--------------------------------|---|
| Code                           | wce   |
| Name                           | itgen_ws_cache  |
| Definition                     | Web services cache where requests and their answers are remembered. |
| Example                        | The city corresponding to postal code 3849 is Hierden.              |
| Autocompleted                  | <input type="checkbox"/>  |
| Create                         | <input checked="" type="checkbox"/>                                 |
| Create History                 | <input checked="" type="checkbox"/>                                 |
| Show History                   | <input checked="" type="checkbox"/>                                 |
| User May Delete                | <input type="checkbox"/>  |
| User May Insert                | <input type="checkbox"/>  |
| User May Select                | <input type="checkbox"/>  |
| User May Update                | <input type="checkbox"/>  |
| Interface?                     | <input type="checkbox"/>  |
| Derived                        | <input type="checkbox"/>  |
| Default Reference Columns      | id,seq  |
| Data Category                  | Transaction   |
| Label Plural                   | Webservice Caches ({res:itgen_webservice_caches})                   |
| Label Plural when Referenced   | Webservice Caches ({res:itgen_webservice_caches})                   |
| Label Singular                 | Webservice Cache ({res:itgen_webservice_cache})                     |
| Label Singular when Referenced | Webservice Cache ({res:itgen_webservice_cache})                     |
| Number of Rows                 |   |
| Documentation                  |   |

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## Applications

### itgen - Invantive Producer

#### Tables

| Name           | Code | Label Plural                                      |
|----------------|------|---|
| itgen_ws_cache | wce  | Webservice Caches ({res:itgen_webservice_caches}) |

#### Table Columns

| Name                                   | Data Type           | Opt.                                | Label Singular   | Definition   |
|--|---------------------|-------------------------------------|--|--|
| <a href="#">answer</a>                 | clob                | <input type="checkbox"/>            | Answer ({res:itgen_answer})                            | The result of the webservice call  |
| <a href="#">date_answer_valid_till</a> |                     | <input type="checkbox"/>            | Answer Valid till ({res:itgen_date_answer_valid_till}) | Date until which the answer is considered valid.   |
| <a href="#">id</a>                     | number(15, 0)       | <input type="checkbox"/>            |  | ?  |
| <a href="#">request</a>                | clob                | <input type="checkbox"/>            | Request ({res:itgen_request})                          | The text of the request  |
| <a href="#">request_url</a>            | varchar2(1000 char) | <input type="checkbox"/>            | Request URL ({res:itgen_request_url})                  | URL used to fetch the result of the webservice   |
| <a href="#">seq</a>                    | number(15, 0)       | <input type="checkbox"/>            | Sequence ({res:itgen_seq})                             | Unique numeric code. Generally, the column is introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |
| <a href="#">checksum</a>               | varchar2(240 char)  | <input checked="" type="checkbox"/> | Checksum ({res:itgen_checksum})                        | MD5 checksum of the payload for the webservice to allow faster determination whether an entry exists in the cache  |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                                      |
|----------------|------|---|
| itgen_ws_cache | wce  | Webservice Caches ({res:itgen_webservice_caches}) |

**Table Column Details**

**itgen.wce.answer - answer**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | answer                              |                          |                          |                          |
| Definition                  | The result of the webservice call   |                          |                          |                          |
| Example                     | 'Highstreet 1'                      |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | clob                                |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Answer ({res:itgen_answer})         |                          |                          |                          |
| Label Singular as Reference | {res:itgen_answer                   |                          |                          |                          |
| Label Plural                | Answers ({res:itgen_answers})       |                          |                          |                          |
| Label Plural as Reference   | Answers ({res:itgen_answers})       |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |

**itgen.wce.checksum - checksum**

|                             |   |                          |                          |                          |
|-----------------------------|---|--------------------------|--------------------------|--------------------------|
| Name                        | checksum  |                          |                          |                          |
| Definition                  | MD5 checksum of the payload for the webservice to allow faster determination whether an entry exists in the cache |                          |                          |                          |
| Example                     | 41123123542   |                          |                          |                          |
| Definition for Manual       |   |                          |                          |                          |
| Documentation               |   |                          |                          |                          |
| Data Type                   | varchar2(240 char)  |                          |                          |                          |
| Nullable                    | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter  | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>  |                          |                          |                          |
| System Column               | <input type="checkbox"/>  |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>   |                          |                          |                          |
| Confidential                | <input type="checkbox"/>  |                          |                          |                          |
| Derived                     | <input type="checkbox"/>  |                          |                          |                          |
| Translatable                | <input type="checkbox"/>  |                          |                          |                          |
| Expression Default Value    |   |                          |                          |                          |
| Label Singular              | Checksum ({res:itgen_checksum})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_checksum   |                          |                          |                          |
| Label Plural                | Checksums ({res:itgen_checksums})   |                          |                          |                          |
| Label Plural as Reference   | Checksums ({res:itgen_checksums})   |                          |                          |                          |
| Display Order               |   |                          |                          |                          |
| Add Purchase Order          | A001  |                          |                          |                          |
| Conversion                  | :orig   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                                      |
|----------------|------|---|
| itgen_ws_cache | wce  | Webservice Caches ({res:itgen_webservice_caches}) |

**Table Column Details**

**itgen.wce.date\_answer\_valid\_till - date\_answer\_valid\_till**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | date_answer_valid_till                                 |                          |                          |                          |
| Definition                  | Date until which the answer is considered valid.       |                          |                          |                          |
| Example                     | One month from now                                     |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   |  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                               |                          |                          |                          |
| Display                     | In Search Filter                                       | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                               |                          |                          |                          |
| System Column               | <input type="checkbox"/>                               |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                    |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                               |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                               |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                               |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Answer Valid till ({res:itgen_date_answer_valid_till}) |                          |                          |                          |
| Label Singular as Reference | {res:itgen_date_answer_valid_till                      |                          |                          |                          |
| Label Plural                | {res:itgen_date_answer_valid_tills}                    |                          |                          |                          |
| Label Plural as Reference   | {res:itgen_date_answer_valid_tills}                    |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, sysdate)                               |                          |                          |                          |

**itgen.wce.id - id**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | id                                  |                          |                          |                          |
| Definition                  | ?                                   |                          |                          |                          |
| Example                     | ?                                   |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | number(15, 0)                       |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              |                                     |                          |                          |                          |
| Label Singular as Reference |                                     |                          |                          |                          |
| Label Plural                |                                     |                          |                          |                          |
| Label Plural as Reference   |                                     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                                      |
|----------------|------|---|
| itgen_ws_cache | wce  | Webservice Caches ({res:itgen_webservice_caches}) |

**Table Column Details**

**itgen.wce.request - request**

|                             |                                     |                          |                          |                          |
|-----------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Name                        | request                             |                          |                          |                          |
| Definition                  | The text of the request             |                          |                          |                          |
| Example                     | 'Name: John Smith'                  |                          |                          |                          |
| Definition for Manual       |                                     |                          |                          |                          |
| Documentation               |                                     |                          |                          |                          |
| Data Type                   | clob                                |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>            |                          |                          |                          |
| Display                     | In Search Filter                    | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>            |                          |                          |                          |
| System Column               | <input type="checkbox"/>            |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/> |                          |                          |                          |
| Confidential                | <input type="checkbox"/>            |                          |                          |                          |
| Derived                     | <input type="checkbox"/>            |                          |                          |                          |
| Translatable                | <input type="checkbox"/>            |                          |                          |                          |
| Expression Default Value    |                                     |                          |                          |                          |
| Label Singular              | Request ({res:itgen_request})       |                          |                          |                          |
| Label Singular as Reference | {res:itgen_request}                 |                          |                          |                          |
| Label Plural                | Requests ({res:itgen_requests})     |                          |                          |                          |
| Label Plural as Reference   | Requests ({res:itgen_requests})     |                          |                          |                          |
| Display Order               |                                     |                          |                          |                          |
| Add Purchase Order          | A001                                |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)                  |                          |                          |                          |

**itgen.wce.request\_url - request\_url**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | request_url  |                          |                          |                          |
| Definition                  | URL used to fetch the result of the webservice           |                          |                          |                          |
| Example                     | http://webservice.invantive.com/test/giveMeStreetV1.aspx |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | varchar2(1000 char)                                      |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>                                 |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>                                 |                          |                          |                          |
| System Column               | <input type="checkbox"/>                                 |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>                      |                          |                          |                          |
| Confidential                | <input type="checkbox"/>                                 |                          |                          |                          |
| Derived                     | <input type="checkbox"/>                                 |                          |                          |                          |
| Translatable                | <input type="checkbox"/>                                 |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Request URL ({res:itgen_request_url})                    |                          |                          |                          |
| Label Singular as Reference | {res:itgen_request_url}                                  |                          |                          |                          |
| Label Plural                | Request URLs ({res:itgen_request_urls})                  |                          |                          |                          |
| Label Plural as Reference   | Request URLs ({res:itgen_request_urls})                  |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, '?')                                     |                          |                          |                          |





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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                                      |
|----------------|------|---|
| itgen_ws_cache | wce  | Webservice Caches ({res:itgen_webservice_caches}) |

**Table Column Details**

**itgen.wce.seq - seq**

|                             |  |                          |                          |                          |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|
| Name                        | seq  |                          |                          |                          |
| Definition                  | Unique numeric code. Generally, the column is introduced to create an artificial natural unique index and it's value is identical to the value of the column ID. |                          |                          |                          |
| Example                     | 1  |                          |                          |                          |
| Definition for Manual       |  |                          |                          |                          |
| Documentation               |  |                          |                          |                          |
| Data Type                   | number(15, 0)  |                          |                          |                          |
| Nullable                    | <input type="checkbox"/>   |                          |                          |                          |
| Display                     | In Search Filter   | In LOV                   | In Record                | In Search Results        |
|                             | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Autocompleted               | <input type="checkbox"/>   |                          |                          |                          |
| System Column               | <input type="checkbox"/>   |                          |                          |                          |
| Create                      | <input checked="" type="checkbox"/>  |                          |                          |                          |
| Confidential                | <input type="checkbox"/>   |                          |                          |                          |
| Derived                     | <input type="checkbox"/>   |                          |                          |                          |
| Translatable                | <input type="checkbox"/>   |                          |                          |                          |
| Expression Default Value    |  |                          |                          |                          |
| Label Singular              | Sequence ({res:itgen_seq})   |                          |                          |                          |
| Label Singular as Reference | {res:itgen_seq   |                          |                          |                          |
| Label Plural                | Sequences ({res:itgen_seqs})   |                          |                          |                          |
| Label Plural as Reference   | Sequences ({res:itgen_seqs})   |                          |                          |                          |
| Display Order               |  |                          |                          |                          |
| Add Purchase Order          | A001   |                          |                          |                          |
| Conversion                  | coalesce(:orig, 0)   |                          |                          |                          |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                                      |
|----------------|------|---|
| itgen_ws_cache | wce  | Webservice Caches ({res:itgen_webservice_caches}) |

**Indexes**

| Name                     | Create                              | Unique                              |
|--------------------------|-------------------------------------|-------------------------------------|
| bubs_ame_nk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_pk              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_omschrijving | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| bubs_ame_uk_orig         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

**Indexes**

**itgen.wce.itgen\_wce\_nk**

|               |                                     |
|---------------|-------------------------------------|
| Name          | itgen_wce_nk                        |
| Create        | <input checked="" type="checkbox"/> |
| Unique        | <input checked="" type="checkbox"/> |
| Documentation |                                     |

**Index Columns**

| Name | Position | Documentation |
|------|----------|---------------|
| seq  | 1        |               |



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**Applications**

**itgen - Invantive Producer**

**Tables**

| Name           | Code | Label Plural                                      |
|----------------|------|---|
| itgen_ws_cache | wce  | Webservice Caches ({res:itgen_webservice_caches}) |

**Attribute Rules**

**itgen.wce.atr058 - 10 - Insert - Action**

|                          |   |
|--------------------------|---|
| Code                     | atr058  |
| Event Category           | Insert  |
| Action Category          | Action  |
| Action Moment            | B   |
| Sort Order               | 10  |
| Autocompleted            | <input type="checkbox"/>  |
| Create                   | <input checked="" type="checkbox"/>                                   |
| Constraint Specification | <code>coalesce (:new.wce_seq, -1) &lt;&gt; :new.wce_id</code>         |
| Action Specification     | <code>:new.wce_seq := :new.wce_id;</code>                             |
| User Message             |   |
| Documentation            | The sequence column of the natural key is set to the value of the ID. |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-acn\_r - itgen\_apn\_columns\_r

|                             |  |
|-----------------------------|--|
| Code                        | acn_r  |
| Name                        | itgen_apn_columns_r  |
| Definition                  | List of all columns with special meaning in an application.                    |
| Example                     | The column 'id' describes the technical key of all tables in this application. |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Application's Special Column ({res:itgen_apn_column})                          |
| Label Singular as Reference | Application's Special Column ({res:itgen_apn_column})                          |
| Label Plural                | Application's Special Columns ({res:itgen_apn_columns})                        |
| Label Plural as Reference   | Application's Special Columns ({res:itgen_apn_columns})                        |
| Hard Coded Definition       |  |

```

select apn_code
,      'apn_c_column_type' tcn_category
,      apn_c_column_type  tcn_name
from   itgen_applications_v
where  apn_c_column_type is not null
union all
select apn_code
,      'apn_c_created_in' tcn_category
,      apn_c_created_in  tcn_name
from   itgen_applications_v
where  apn_c_created_in is not null
union all
select apn_code
,      'apn_c_column_prefix1'
,      apn_c_column_prefix || '1'
from   itgen_applications_v
where  apn_c_column_prefix is not null
union all
select apn_code
,      'apn_c_column_prefix2'
,      apn_c_column_prefix || '2'
from   itgen_applications_v
where  apn_c_column_prefix is not null
union all
select apn_code
,      'apn_c_column_prefix3'
,      apn_c_column_prefix || '3'
from   itgen_applications_v
where  apn_c_column_prefix is not null

union all
select apn_code
,      'apn_c_column_prefix4'
,      apn_c_column_prefix || '4'
from   itgen_applications_v
where  apn_c_column_prefix is not null
union all
select apn_code
,      'apn_c_column_prefix5'
,      apn_c_column_prefix || '5'
from   itgen_applications_v
where  apn_c_column_prefix is not null

```



## Applications

itgen - Invantive Producer

## Database Views

itgen-acn\_r - itgen\_apn\_columns\_r

```

union all
select apn_code
,      'apn_c_column_prefix6'
,      apn_c_column_prefix || '6'
from   itgen_applications_v
where  apn_c_column_prefix is not null
union all
select apn_code
,      'apn_c_column_prefix7'
,      apn_c_column_prefix || '7'
from   itgen_applications_v
where  apn_c_column_prefix is not null

union all
select apn_code
,      'apn_c_column_prefix8'
,      apn_c_column_prefix || '8'
from   itgen_applications_v
where  apn_c_column_prefix is not null
union all
select apn_code
,      'apn_c_column_prefix9'
,      apn_c_column_prefix || '9'
from   itgen_applications_v
where  apn_c_column_prefix is not null
union all
select apn_code
,      'apn_c_column_prefix10'
,      apn_c_column_prefix || '10'
from   itgen_applications_v
where  apn_c_column_prefix is not null
union all
select apn_code
,      'apn_c_created_by'
,      apn_c_created_by
from   itgen_applications_v
where  apn_c_created_by is not null

union all select apn_code ,      'apn_c_date_created' ,      apn_c_date_created from
itgen_applications_v where  apn_c_date_created is not null union all select apn_code ,
'apn_c_date_intrf_created' ,      apn_c_date_intrf_created from   itgen_applications_v
where  apn_c_date_intrf_created is not null union all select apn_code ,
'apn_c_date_intrf_last_updated' ,      apn_c_date_intrf_last_updated from
itgen_applications_v where  apn_c_date_intrf_last_updated is not null union all select
apn_code ,      'apn_c_date_last_updated' ,      apn_c_date_last_updated from
itgen_applications_v where  apn_c_date_last_updated is not null

union all
select apn_code
,      'apn_c_h_active_when_filled'
,      apn_c_h_active_when_filled
from   itgen_applications_v
where  apn_c_h_active_when_filled is not null
union all
select apn_code
,      'apn_c_h_date_ends'
,      apn_c_h_date_ends
from   itgen_applications_v
where  apn_c_h_date_ends is not null
union all
select apn_code
,      'apn_c_h_date_starts'
,      apn_c_h_date_starts
from   itgen_applications_v
where  apn_c_h_date_starts is not null
union all
select apn_code
,      'apn_c_h_event'
,      apn_c_h_event
from   itgen_applications_v

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-acn\_r - itgen\_apn\_columns\_r

```
where apn_c_h_event is not null

union all
select apn_code
,      'apn_c_orig_system_group'
,      apn_c_orig_system_group
from   itgen_applications_v
where  apn_c_orig_system_group is not null
union all
select apn_code
,      'apn_c_orig_system_reference'
,      apn_c_orig_system_reference
from   itgen_applications_v
where  apn_c_orig_system_reference is not null
union all
select apn_code
,      'apn_c_session_created'
,      apn_c_session_created
from   itgen_applications_v
where  apn_c_session_created is not null
union all
select apn_code
,      'apn_c_session_updated'
,      apn_c_session_updated
from   itgen_applications_v
where  apn_c_session_updated is not null

union all
select apn_code
,      'apn_c_transaction_created'
,      apn_c_transaction_created
from   itgen_applications_v
where  apn_c_transaction_created is not null
union all
select apn_code
,      'apn_c_transaction_updated'
,      apn_c_transaction_updated
from   itgen_applications_v
where  apn_c_transaction_updated is not null
union all
select apn_code
,      'apn_c_updated_by'
,      apn_c_updated_by
from   itgen_applications_v
where  apn_c_updated_by is not null
union all
select apn_code
,      'apn_c_updated_in'
,      apn_c_updated_in
from   itgen_applications_v
where  apn_c_updated_in is not null
```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-apn\_r - itgen\_apn\_picklist\_r

|                             |   |
|-----------------------------|---|
| Code                        | apn_r   |
| Name                        | itgen_apn_picklist_r  |
| Definition                  | Reporting view for use a picklist of applications available in the GUI. |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>                                     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>                                     |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Application ({res:itgen_application})                                   |
| Label Singular as Reference | Application ({res:itgen_application})                                   |
| Label Plural                | Applications ({res:itgen_applications})                                 |
| Label Plural as Reference   | Applications ({res:itgen_applications})                                 |
| Hard Coded Definition       |   |

```
select apn.apn_id id
,      apn.apn_code code
,      apn.apn_id
,      apn.apn_code
,      apn.apn_label
from   itgen_applications_v apn
order
by     apn.apn_code
```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-apn - itgen\_applications\_v**

|                             |  |
|-----------------------------|--|
| Code                        | apn  |
| Name                        | itgen_applications_v   |
| Definition                  | Consistent collections of functionality form together with it's associated data and business rules an application. |
| Example                     | 'Invantive Estate'.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input checked="" type="checkbox"/>  |
| Additional Select Clause    | <code>apn.code    ' - '    apn.name apn_label</code>   |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Application ({res:itgen_application})  |
| Label Singular as Reference | Application ({res:itgen_application})  |
| Label Plural                | Applications ({res:itgen_applications})  |
| Label Plural as Reference   | Applications ({res:itgen_applications})  |





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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-apn - itgen\_applications\_v

**View Elements**

| Sequence | Table Code              | Table Name         | Column Name | Joined Column Name | Left Outer Join          |
|----------|-------------------------|--------------------|-------------|--------------------|--------------------------|
| 1        | apn                     | itgen_applications |             |                    | <input type="checkbox"/> |
|          | Additional Where Clause |                    |             |                    |                          |
|          | Reference Columns       |                    |             |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-are - itgen\_attribute\_rules\_v**

|                             |   |
|-----------------------------|---|
| Code                        | are   |
| Name                        |   |
| Definition                  | itgen_attribute_rules_v   |
| Example                     | Business rules, consisting of constraints placed on the data in the application and actions to be performed in specific events.                 |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>   |
| User May Insert             | <input checked="" type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input checked="" type="checkbox"/>   |
| Additional Select Clause    | <code>apn.code    '.'    tbe.code    '.'    are.code    ' - '    are.sorting_order    ' - '    ley.label    ' - '    lay.label are_label</code> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Attribute Rule ({res:itgen_attribute_rule})   |
| Label Singular as Reference | Attribute Rule ({res:itgen_attribute_rule})   |
| Label Plural                | Attribute Rules ({res:itgen_attribute_rules})   |
| Label Plural as Reference   | Attribute Rules ({res:itgen_attribute_rules})   |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-are - itgen\_attribute\_rules\_v

**View Elements**

| Sequence | Table Code | Table Name                                | Column Name    | Joined Column Name  | Left Outer Join                     |
|----------|------------|---|----------------|---------------------|-------------------------------------|
| 1        | are        | itgen_attribute_rules                     |                |                     | <input type="checkbox"/>            |
|          |            | Additional Where Clause Reference Columns |                |                     |                                     |
| 2        | tbe        | itgen_tables                              | itgen.tbe.id   | are.tbe_id          | <input type="checkbox"/>            |
|          |            | Additional Where Clause Reference Columns |                |                     |                                     |
| 3        | apn        | itgen_applications                        | itgen.apn.id   | tbe.apn_id          | <input type="checkbox"/>            |
|          |            | Additional Where Clause Reference Columns |                |                     |                                     |
| 4        | ley        | itgen_lov_evt_category_r                  | itgen.ley.code | are.event_category  | <input type="checkbox"/>            |
|          |            | Additional Where Clause Reference Columns |                |                     |                                     |
| 5        | lay        | itgen_lov_atn_category_r                  | itgen.lay.code | are.action_category | <input type="checkbox"/>            |
|          |            | Additional Where Clause Reference Columns |                |                     |                                     |
| 6        | lat        | itgen_lov_atn_moment_r                    | itgen.lat.code | are.action_moment   | <input checked="" type="checkbox"/> |
|          |            | Additional Where Clause Reference Columns |                |                     |                                     |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-cde\_r - itgen\_cde\_picklist\_r**

|                             |  |
|-----------------------------|--|
| Code                        | cde_r  |
| Name                        | itgen_cde_picklist_r   |
| Definition                  | Reporting view for use a picklist of users available in the GUI. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                              |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                              |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Code ({res:itgen_code})  |
| Label Singular as Reference | Code ({res:itgen_code})  |
| Label Plural                | Codes ({res:itgen_codes})  |
| Label Plural as Reference   | Codes ({res:itgen_codes})  |
| Hard Coded Definition       |  |

```
select cde.cde_id id
,      cde.cde_code code
,      cde.cde_id
,      cde.cde_code
,      cde.cde_label
from   itgen_codes_v cde
order
by     cde.cde_code
```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-cde - itgen\_codes\_v

|                             |  |
|-----------------------------|--|
| Code                        | cde  |
| Name                        | itgen_codes_v  |
| Definition                  | A discrete domain of code values and their meaning.  |
| Example                     | The code 'sexe' describes the possible sexes.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input checked="" type="checkbox"/>  |
| Additional Select Clause    | <pre>cde.code    ' - '    cde.description cde_label , case   when instr(cde.code, '_') = 0   then null   else substr(cde.code, 1, instr(cde.code, '_') - 1)   end apn_code</pre> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Code ({res:itgen_code})  |
| Label Singular as Reference | Code ({res:itgen_code})  |
| Label Plural                | Codes ({res:itgen_codes})  |
| Label Plural as Reference   | Codes ({res:itgen_codes})  |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-cde - itgen\_codes\_v

**View Elements**

| Sequence | Table Code              | Table Name  | Column Name | Joined Column Name | Left Outer Join          |
|----------|-------------------------|-------------|-------------|--------------------|--------------------------|
| 1        | cde                     | itgen_codes |             |                    | <input type="checkbox"/> |
|          | Additional Where Clause |             |             |                    |                          |
|          | Reference Columns       |             |             |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-cve - itgen\_code\_values\_v**

|                             |   |
|-----------------------------|---|
| Code                        | cve   |
| Name                        | itgen_code_values_v   |
| Definition                  | A discrete code value of a code domain.   |
| Example                     | The code value 'M' stands for 'Male' within the code domain 'sexe'.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>   |
| User May Insert             | <input checked="" type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input checked="" type="checkbox"/>   |
| Additional Select Clause    | <pre> cde.code    '.'    cve.code    '-'    cve.description cve_label , case   when instr(cde.code, '_') = 0   then null   else substr(cde.code, 1, instr(cde.code, '_') - 1)   end apn_code                     </pre> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Code Value ({res:itgen_code_value})   |
| Label Singular as Reference | Code Value ({res:itgen_code_value})   |
| Label Plural                | Code Values ({res:itgen_code_values})   |
| Label Plural as Reference   | Code Values ({res:itgen_code_values})   |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-cve - itgen\_code\_values\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | cve        | itgen_code_values       |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | cde        | itgen_codes             | itgen.cde.id | cve.cde_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |





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## Applications

## itgen - Invantive Producer

## Database Views

## itgen-chn\_r - itgen\_columns\_r

|                             |                                     |
|-----------------------------|-------------------------------------|
| Code                        | chn_r                               |
| Name                        | itgen_columns_r                     |
| Definition                  | Reporting view                      |
| Example                     | None.                               |
| Autocompleted               | <input type="checkbox"/>            |
| Create                      | <input checked="" type="checkbox"/> |
| Optimizer Hint              |                                     |
| Order by Clause             |                                     |
| User May Delete             | <input type="checkbox"/>            |
| User May Insert             | <input type="checkbox"/>            |
| User May Select             | <input checked="" type="checkbox"/> |
| User May Update             | <input type="checkbox"/>            |
| Additional Select Clause    |                                     |
| Additional Where Clause     |                                     |
| Documentation               |                                     |
| Label Singular              | Column ({res:itgen_column})         |
| Label Singular as Reference | Column ({res:itgen_column})         |
| Label Plural                | Columns ({res:itgen_columns})       |
| Label Plural as Reference   | Columns ({res:itgen_columns})       |
| Hard Coded Definition       |                                     |

```

select dcn.id
,      dcn.code
,      dcn.klm_id
,      dcn.column_id
,      dcn.tbl_owner#
,      dcn.tbl_name
,      apn.code apn_code
,      viw.code viw_code
,      apn.id   apn_id
,      viw.id   viw_id
,      viw.name viw_name
,      coalesce(viw.label_singular, tbe.label_singular)
,      viw_label_singular
,      coalesce(viw.label_plural, tbe.label_singular)
,      viw_label_plural
,      case /* Performance improvement. Only translate when there is something to
translate. */
        when viw.label_singular like '%{res:%}'
        then itgen#translations.translate_keys(viw.label_singular)
        else viw.label_singular
        end
,      viw_label_singular_i18n
,      case /* Performance improvement. Only translate when there is something to
translate. */
        when viw.label_plural like '%{res:%}'
        then itgen#translations.translate_keys(viw.label_plural)
        else viw.label_plural
        end
,      viw_label_plural_i18n
,      dcn.klm_nk
,      dcn.klm_name
,      dcn.klm_data_type
,      case
        when dcn.klm_data_type in ('VARCHAR2', 'CHAR')
        and lower(dcn.klm_name) like '%' || coalesce(apn.flag_column_postfix, 'XXX') /*
prevent that null flag_column_postfix gives faulty output */
        then 'Boolean'
        when dcn.klm_data_type in ('VARCHAR2', 'CHAR', 'CLOB')
        then 'String'
        when dcn.klm_data_type in ('DATE')
        then 'DateTime'
        when dcn.klm_data_type in ('NUMBER')
        then 'Decimal'

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-cls\_r - itgen\_columns\_r

```

when dcn.klm_data_type in ('BFILE')
then 'Byte[]'
else 'Object'
end
klm_type_ws

,
dcn.klm_nullable
dcn.klm_primary_key
,
dcn.klm_influences_insert_flag
,
dcn.klm_sql_spec
,
dcn.tbl_type
,
dcn.tbl_object_type
,
dcn.klm_max_length
,
dcn.klm_precision
,
dcn.klm_scale
,
dcn.tbl_definition
,
dcn.tbl_example
,
dcn.tbl_short
,
dcn.klm_definition
dcn.klm_example
,
dcn.klm_conversion
,
dcn.klm_orig_tbe_name
,
dcn.klm_orig_tbe_code
dcn.klm_display_order
,
dcn.klm_orig_tcn_name
,
dcn.klm_orig_role_name
dcn.klm_label_user
,
case /* Performance improvement. Only translate when there is something to
translate. */
when dcn.klm_label_user like '%{res:%}'
then itgen#translations.translate_keys(dcn.klm_label_user)
else dcn.klm_label_user
end
klm_label_user_il8n
,
dcn.klm_label_singular
,
dcn.klm_label_singular_ref
,
dcn.klm_label_plural
,
dcn.klm_label_plural_ref
,
dcn.klm_nk_flag
dcn.klm_display_control_name
,
dcn.klm_display_control_options
,
dcn.klm_view_column_name

from itgen_database_columns_r dcn
left
outer
join itgen_applications apn
on apn.code = dcn.apn_code_db
left
outer
join itgen_views viw
on viw.name = lower(dcn.tbl_name)
and viw.apn_id = apn.id
left
outer
join itgen_tables tbe
on tbe.name = case
when dcn.tbl_name like '%\_V' escape '\'
then substr(lower(dcn.tbl_name), 1, length(dcn.tbl_name) - 2)
else lower(dcn.tbl_name)
end
and tbe.apn_id = apn.id

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-mte\_r - itgen\_composition\_templates\_r

|                             |   |
|-----------------------------|---|
| Code                        | mte_r   |
| Name                        | itgen_composition_templates_r                                       |
| Definition                  | Templates for Invantive Composition.                                |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>                                 |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>                                 |
| User May Select             | <input checked="" type="checkbox"/>                                 |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Invantive Composition Template ({res:itgen_composition_template})   |
| Label Singular as Reference | Invantive Composition Template ({res:itgen_composition_template})   |
| Label Plural                | Invantive Composition Templates ({res:itgen_composition_templates}) |
| Label Plural as Reference   | Invantive Composition Templates ({res:itgen_composition_templates}) |
| Hard Coded Definition       |   |

```

select dal.id
,      'X' code
,      -- Contents of the file (bfile).
      to_blob(null) dct_file_content
,      -- Code of the application to use. One of 'Word', 'PowerPoint'.
      'UNK' content_appl_code
,      -- File name.
      cast(null as varchar2(240)) dct_file_name
,      -- Natural key of the object to which the document is attached.
      cast(null as varchar2(240)) dct_ref_nk
,      -- Application code of the object to which the document is attached.
      cast(null as varchar2(60)) apn_ref_table
,      -- Table code of the object to which the document is attached (uppercase).
      cast(null as varchar2(60)) dct_ref_table
,      -- Table label of the object to which the document is attached (uppercase).
      cast(null as varchar2(240)) dct_ref_table_label
,      -- Name of the author.
      cast(null as varchar2(240)) dct_author_name
,      -- Status of the document.
      cast(null as varchar2(240)) dct_status
,      -- Type of the document.
      cast(null as varchar2(240)) dct_type
,      -- Version number of the document.
      cast(null as varchar2(240)) dct_version_number
,      -- Size of the document in bytes.
      cast(null as number(15,2)) dct_file_size
,      -- Size of the document in bytes presented as string.
      cast(null as varchar2(240)) dct_file_size_c
,      -- Date at which the document was created.
      cast(null as date) dct_date_created
,      -- Date after which the document may be discarded.
      cast(null as date) dct_use_until
,      -- Comment.
      cast(null as varchar2(240)) dct_comment
,      -- Concatenated classifications in ;;-style.
      to_clob(null) dct_classifications
,      -- Concatenated classifications.
      to_clob(null) dct_classifications_c
,      -- Concatenated text to search on the document.
      cast(null as varchar2(4000))
      dct_search
from   itgen_dual dal
where  1=0

```



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Function: itgen\_datamodel\_pdf\_rpt

## Applications

itgen - Invantive Producer

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## Database Views

itgen-mte\_r - itgen\_composition\_templates\_r

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 Function: itgen\_datamodel\_pdf\_rpt

**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-csg - itgen\_context\_settings\_v**

|                             |   |
|-----------------------------|---|
| Code                        | csg   |
| Name                        | itgen_context_settings_v  |
| Definition                  | Settings for a user.  |
| Example                     | The user 'system' uses the english edition.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>   |
| User May Insert             | <input checked="" type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input checked="" type="checkbox"/>   |
| Additional Select Clause    | <code>usr.user    ' - '    usr.name csg_label</code>  |
| Additional Where Clause     | <code>csg.usr_id = sys_context(sys_context('USERENV', 'CLIENT_INFO')    '_itgen', 'session user id')</code> |
| Documentation               |   |
| Label Singular              | Context ({res:itgen_context})   |
| Label Singular as Reference | Context ({res:itgen_context})   |
| Label Plural                | Contexts ({res:itgen_contexts})   |
| Label Plural as Reference   | Contexts ({res:itgen_contexts})   |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-csg - itgen\_context\_settings\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--|--------------------|--------------------------|
| 1        | csg        | itgen_context_settings  |  |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause | ( csg.usr_id = to_number(sys_context(sys_context('USERENV', 'CLIENT_INFO'))                |                    |                          |
|          |            | Reference Columns       |  |                    |                          |
| 2        | usr        | itgen_users             | itgen.usr.id   | csg.usr_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |  |                    |                          |
|          |            | Reference Columns       |  |                    |                          |
| 3        | lge        | itgen_languages         | itgen.lge.id   | csg.lge_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |  |                    |                          |
|          |            | Reference Columns       | +,oracle_nls_language,oracle_nls_territory,oracle_nls_date_format,oracle_nls_numeric_chars |                    |                          |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-cte\_r - itgen\_control\_templates\_r

|                             |   |
|-----------------------------|---|
| Code                        | cte_r   |
| Name                        | itgen_control_templates_r                                   |
| Definition                  | Templates for Invantive Control.                            |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>                                    |
| Create                      | <input checked="" type="checkbox"/>                         |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                                    |
| User May Insert             | <input checked="" type="checkbox"/>                         |
| User May Select             | <input checked="" type="checkbox"/>                         |
| User May Update             | <input type="checkbox"/>                                    |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Invantive Control Template ({res:itgen_control_template})   |
| Label Singular as Reference | Invantive Control Template ({res:itgen_control_template})   |
| Label Plural                | Invantive Control Templates ({res:itgen_control_templates}) |
| Label Plural as Reference   | Invantive Control Templates ({res:itgen_control_templates}) |
| Hard Coded Definition       |   |

```

select dal.id
,      'X' code
,      -- Contents of the file (bfile).
      to_blob(null) dct_file_content
,      -- File name.
      cast(null as varchar2(240)) dct_file_name
,      -- Natural key of the object to which the document is attached.
      cast(null as varchar2(240)) dct_ref_nk
,      -- Application code of the object to which the document is attached.
      cast(null as varchar2(60)) apn_ref_table
,      -- Table code of the object to which the document is attached (uppercase).
      cast(null as varchar2(60)) dct_ref_table
,      -- Table label of the object to which the document is attached (uppercase).
      cast(null as varchar2(240)) dct_ref_table_label
,      -- Name of the author.
      cast(null as varchar2(240)) dct_author_name
,      -- Status of the document.
      cast(null as varchar2(240)) dct_status
,      -- Type of the document.
      cast(null as varchar2(240)) dct_type
,      -- Version number of the document.
      cast(null as varchar2(240)) dct_version_number
,      -- Size of the document in bytes.
      cast(null as number(15,2)) dct_file_size
,      -- Size of the document in bytes presented as string.
      cast(null as varchar2(240)) dct_file_size_c
,      -- Date at which the document was created.
      cast(null as date) dct_date_created
,      -- Date after which the document may be discarded.
      cast(null as date) dct_use_until
,      -- Comment.
      cast(null as varchar2(240)) dct_comment
,      -- Concatenated classifications in ;;-style.
      to_clob(null) dct_classifications
,      -- Concatenated classifications.
      to_clob(null) dct_classifications_c
,      -- Concatenated text to search on the document.
      cast(null as varchar2(4000))
      dct_search
from   itgen_dual dal
where  1=0

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-cbk\_r - itgen\_current\_blocking\_locks\_r

|                             |   |
|-----------------------------|---|
| Code                        | cbk_r   |
| Name                        | itgen_current_blocking_locks_r  |
| Definition                  | Reporting view with currently blocked sessions due to locking. Includes the table and row involved. |
| Example                     | bubs_gebruikers.  |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Currently Blocking Lock ({res:itgen_currently_blocking_lock})                                       |
| Label Singular as Reference | Currently Blocking Lock ({res:itgen_currently_blocking_lock})                                       |
| Label Plural                | Currently Blocking Locks ({res:itgen_currently_blocking_locks})                                     |
| Label Plural as Reference   | Currently Blocking Locks ({res:itgen_currently_blocking_locks})                                     |
| Hard Coded Definition       |   |

```

select 1 id
,      'READONLY' code
,      bs.username      lck_bl_username
,      ojt.object_name  lck_object_name
,      ojt.owner        lck_object_owner
,      dbms_rowid.rowid_create
      ( 1 /* Extended */
,      ojt.data_object_id
,      ws.row_wait_file#
,      ws.row_wait_block#
,      ws.row_wait_row#
      )
,      lck_object_row_id
,      ws.username      lck_ws_username
,      bs.sid           lck_bl_sid
,      bs.serial#       lck_bl_serial#
,      ws.serial#       lck_ws_serial#
,      bs.program       lck_bl_program
,      ws.program       lck_ws_program
,      bs.machine       lck_bl_machine
,      ws.machine       lck_ws_machine
,      bs.osuser        lck_bl_osuser
,      ws.osuser        lck_ws_osuser
,      bs.sql_address   lck_sql_address
,      bs.sql_hash_value lck_sql_hash_value
,      wk.type          lck_type_code
,      decode
      ( wk.type
,      'MR', 'Media Recovery'
,      'RT', 'Redo Thread'
,      'UN', 'USER Name'
,      'TX', 'Transaction'
,      'TM', 'DML'
,      'UL', 'PL/SQL USER LOCK'
,      'DX', 'Distributed Xaction'
,      'CF', 'Control FILE'
,      'IS', 'Instance State'
,      'FS', 'FILE SET'
,      'IR', 'Instance Recovery'
,      'ST', 'Disk SPACE Transaction'
,      'TS', 'Temp Segment'
,      'IV', 'Library Cache Invalidation'
,      'LS', 'LOG START OR Switch'

```





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## Applications

itgen - Invantive Producer

## Database Views

itgen-cbk\_r - itgen\_current\_blocking\_locks\_r

```

, 'RW', 'ROW Wait'
, 'SQ', 'Sequence Number'
, 'TE', 'Extend TABLE'
, 'TT', 'Temp TABLE'
, wk.type
)
lck_type_description
decode
(
  hk.lmode
, 0, 'None'
, 1, 'NULL'
, 2, 'ROW-S (SS)'
, 3, 'ROW-X (SX)'
, 4, 'SHARE'
, 5, 'S/ROW-X (SSX)'
, 6, 'EXCLUSIVE'
, to_char(hk.lmode)
)
lck_mode_held
decode
(
  wk.request
, 0, 'None'
, 1, 'NULL'
, 2, 'ROW-S (SS)'
, 3, 'ROW-X (SX)'
, 4, 'SHARE'
, 5, 'S/ROW-X (SSX)'
, 6, 'EXCLUSIVE'
, to_char(wk.request)
)
lck_mode_requested
decode
(
  hk.block
, 0, 'NOT Blocking' /* Not blocking any other processes */
, 1, 'Error: Blocking' /* This lock blocks other processes */
, 2, 'Global' /* This lock is global, so we can't tell */
, to_char(hk.block)
)
lck_blocking_flag
from v$lock          hk
, v$session        bs
, v$lock           wk
, v$session        ws
, dba_objects      ojt
where 1=1
and ojt.object_id = ws.row_wait_obj#
and hk.lmode      != 0
and hk.lmode      != 1
and hk.block      = 1 /* Blocking. */
and wk.request     != 0
and wk.type (+)   = hk.type
and wk.id1 (+)    = hk.id1
and wk.id2 (+)    = hk.id2
and hk.sid        = bs.sid(+)
and wk.sid        = ws.sid(+)
and bs.username   is not null
and bs.username   != 'SYSTEM'
and bs.username   != 'SYS'

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-cve\_r - itgen\_cve\_picklist\_r

|                             |  |
|-----------------------------|--|
| Code                        | cve_r  |
| Name                        | itgen_cve_picklist_r   |
| Definition                  | Reporting view for use a picklist of code values available in the GUI. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                                    |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                                    |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Code Value ({res:itgen_code_value})                                    |
| Label Singular as Reference | Code Value ({res:itgen_code_value})                                    |
| Label Plural                | Code Values ({res:itgen_code_values})                                  |
| Label Plural as Reference   | Code Values ({res:itgen_code_values})                                  |
| Hard Coded Definition       |  |

```
select cve_id id
,      cve_id
,      cve_code
,      cve_code code
,      cve_description
,      cve_label
,      cve_sorting_order
from   itgen_code_values_v
order
by     cve_sorting_order
```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-dae\_r - itgen\_datamodel\_are\_r

|                             |   |
|-----------------------------|---|
| Code                        | dae_r   |
| Name                        | itgen_datamodel_are_r                                     |
| Definition                  | List of attribute rules for the report 'itgen_datamodel'. |
| Example                     | Send an email to user 'John' when a contract is updated.  |
| Autocompleted               | <input type="checkbox"/>                                  |
| Create                      | <input checked="" type="checkbox"/>                       |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                                  |
| User May Insert             | <input type="checkbox"/>                                  |
| User May Select             | <input checked="" type="checkbox"/>                       |
| User May Update             | <input type="checkbox"/>                                  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Attribute Rule ({res:itgen_attribute_rule})               |
| Label Singular as Reference | Attribute Rule ({res:itgen_attribute_rule})               |
| Label Plural                | Attribute Rules ({res:itgen_attribute_rules})             |
| Label Plural as Reference   | Attribute Rules ({res:itgen_attribute_rules})             |
| Hard Coded Definition       |   |

```

select are_code
,       tbe_code
,       apn_code
,       lay_label action_label
,       lat_label action_moment_label
,       are_label
,       are_action_moment
,       are_action_specification are_action_specification
,       are_autocompleted_flag
,       are_constraint_specification are_constraint_specification
,       are_create_flag
,       are_sorting_order
,       case
        when are_user_message is not null
        then itgen#translations.translate_keys(are_user_message, 'en', 1, 'Y', null, ' ('
|| are_user_message || ')', 'bubs')
        else null
        end
,       are_user_message
,       case
        when are_documentation is not null
        then itgen#translations.translate_keys(are_documentation, 'en', 1, 'Y', null, ' ('
|| are_documentation || ')', 'bubs')
        else null
        end
,       are_documentation
,       ley_label event_label
,       tbe_id
,       are_id
from   itgen_attribute_rules_v

```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-din\_r - itgen\_datamodel\_icn\_r

|                             |   |
|-----------------------------|---|
| Code                        | din_r   |
| Name                        | itgen_datamodel_icn_r                                   |
| Definition                  | List of index columns for the report 'itgen_datamodel'. |
| Example                     | The column 'code' is part of the index 'itgen_apn_uk'.  |
| Autocompleted               | <input type="checkbox"/>                                |
| Create                      | <input checked="" type="checkbox"/>                     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                                |
| User May Insert             | <input type="checkbox"/>                                |
| User May Select             | <input checked="" type="checkbox"/>                     |
| User May Update             | <input type="checkbox"/>                                |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Index Column ({res:itgen_index_column})                 |
| Label Singular as Reference | Index Column ({res:itgen_index_column})                 |
| Label Plural                | Index Columns ({res:itgen_index_columns})               |
| Label Plural as Reference   | Index Columns ({res:itgen_index_columns})               |
| Hard Coded Definition       |   |

```

select apn_idx_code
,      idx_name
,      icn_position
,      tcn_name
,      case
        when icn_documentation is not null
        then itgen#translations.translate_keys(icn_documentation, 'en', 1, 'Y', null, ' ('
|| icn_documentation || ')', 'bubs')
        else null
      end
,      icn_documentation
,      icn_autocompleted_flag
,      icn_id
,      idx_id
from   itgen_index_columns_v

```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-dix\_r - itgen\_datamodel\_idx\_r

|                             |   |
|-----------------------------|---|
| Code                        | dix_r   |
| Name                        | itgen_datamodel_idx_r   |
| Definition                  | List of indexes for the report 'itgen_datamodel'.                         |
| Example                     | The index 'itgen_apn_uk' ensures that each application has a unique code. |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>                                       |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>                                       |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Index ({res:itgen_index})   |
| Label Singular as Reference | Index ({res:itgen_index})   |
| Label Plural                | Indexes ({res:itgen_indexes})   |
| Label Plural as Reference   | Indexes ({res:itgen_indexes})   |
| Hard Coded Definition       |   |

```

select idx_name
,      idx_label
,      idx_unique_flag
,      idx_create_flag
,      idx_autocompleted_flag
,      case
        when idx_documentation is not null
        then itgen#translations.translate_keys(idx_documentation, 'en', 1, 'Y', null, ' ('
|| idx_documentation || ')', 'bubs')
        else null
        end
,      idx_documentation
,      idx_id
,      tbe_id
,      tbe_code
,      apn_code
,      apn_id
from   itgen_indexes_v

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-dml\_r - itgen\_datamodel\_r

|                             |  |
|-----------------------------|--|
| Code                        | dml_r  |
| Name                        | itgen_datamodel_r                                      |
| Definition                  | List of applications for the report 'itgen_datamodel'. |
| Example                     | The application 'Invantive Estate'.                    |
| Autocompleted               | <input type="checkbox"/>                               |
| Create                      | <input checked="" type="checkbox"/>                    |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>                               |
| User May Insert             | <input type="checkbox"/>                               |
| User May Select             | <input checked="" type="checkbox"/>                    |
| User May Update             | <input type="checkbox"/>                               |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Data Model ({res:itgen_datamodel})                     |
| Label Singular as Reference | Data Model ({res:itgen_datamodel})                     |
| Label Plural                | Data Models ({res:itgen_datamodels})                   |
| Label Plural as Reference   | Data Models ({res:itgen_datamodels})                   |
| Hard Coded Definition       |  |

```

select apn_autocompleted_flag
,      apn_c_h_identity
,      apn_ansi_joins_flag
,      apn_expr_get_all_translations
,      apn_expr_get_last_identity
,      apn_expr_register_interaction
,      apn_expr_restricted_logon
,      apn_expr_session_user_identity
,      apn_c_column_prefix
,      apn_c_column_type
,      apn_c_created_by
,      apn_c_created_in
,      apn_c_date_created
,      apn_c_date_intrf_created
,      apn_c_date_intrf_last_updated
,      apn_c_date_last_updated
,      apn_c_h_active_when_filled
,      apn_c_h_date_ends
,      apn_c_h_date_starts
,      apn_c_h_event
,      apn_c_identity
,      apn_c_nk
,      apn_c_orig_system_group
,      apn_c_orig_system_reference
,      apn_c_session_created
,      apn_c_session_updated
,      apn_c_transaction_created
,      apn_c_transaction_updated
,      apn_c_updated_by
,      apn_c_updated_in
,      apn_code
,      apn_code_column_postfix
,      apn_code_view_name_template
,      apn_code_view_template
,      apn_column1
,      apn_column10
,      apn_column2
,      apn_column3
,      apn_column4
,      apn_column5
,      apn_column6
,      apn_column7
,      apn_column8

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-dml\_r - itgen\_datamodel\_r

```

,      apn_column9
,      apn_column_type
,      apn_copyright
,      apn_copyright_l
,      apn_created_by
,      apn_created_in
,      apn_cvs_header
,      apn_cvs_name
,      case
,      when apn_documentation is not null
,      then itgen#translations.translate_keys(apn_documentation, 'en', 1, 'Y', null, ' ('
|| apn_documentation || ')', 'bubs')
,      else null
,      end
,      apn_documentation
,      case
,      when apn_documentation_l is not null
,      then itgen#translations.translate_keys(apn_documentation_l, 'en', 1, 'Y', null, '
(' || apn_documentation_l || ')', 'bubs')
,      else null
,      end
,      apn_documentation_l

,      apn_expr_effective_date
,      apn_expr_set_point_in_time
,      apn_expr_set_session_info
,      apn_expr_translate_keys
,      apn_expr_unset_session_info
,      apn_expression_point_in_time
,      apn_flag_column_postfix
,      apn_flag_value_no
,      apn_flag_value_yes
,      apn_include_calc_value_flag
,      apn_include_calc_value_prefix
,      apn_include_nk_column_flag
,      apn_name
,      apn_label
,      apn_nk_postfix_value
,      apn_nk_prefix_value
,      apn_nk_separator_value
,      apn_orig_system_group
,      apn_orig_system_reference
,      apn_proc_log_are
,      apn_std_select_clause_view
,      apn_std_select_clause_view_l
,      apn_std_where_clause_view
,      apn_std_where_clause_view_l
,      apn_table_name_code_values
,      apn_table_name_codes
,      apn_table_name_interactions
,      apn_table_name_transactions

from    itgen_applications_v

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-drt\_r - itgen\_datamodel\_rct\_r

|                             |   |
|-----------------------------|---|
| Code                        | drt_r   |
| Name                        | itgen_datamodel_rct_r   |
| Definition                  | List of referential constraints for the report 'itgen_datamodel'.           |
| Example                     | The column 'apn_id' of an entry in 'itgen_tables' refers to an application. |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Referential Constraint ({res:itgen_referential_constraint})                 |
| Label Singular as Reference | Referential Constraint ({res:itgen_referential_constraint})                 |
| Label Plural                | Referential Constraints ({res:itgen_referential_constraints})               |
| Label Plural as Reference   | Referential Constraints ({res:itgen_referential_constraints})               |
| Hard Coded Definition       |   |

```

select rct_name
,      rct_autocompleted_flag
,      rct_create_flag
,      rct_on_delete_category
,      rct_role_label
,      case
        when rct_documentation is not null
        then itgen#translations.translate_keys(rct_documentation, 'en', 1, 'Y', null, ' ('
|| rct_documentation || ')', 'bubs')
        else null
        end
,      rct_documentation
,      apn_from_code
,      tbe_from_code
,      apn_to_code
,      tbe_to_code
,      apn_from_code || '.' || tbe_from_code || '.' || tcn_from_name tcn_from
,      apn_to_code || '.' || tbe_to_code || '.' || tcn_to_name tcn_to
,      tbe_from_id
,      tbe_to_id
,      rct_id
,      tcn_to_name
,      tbe_to_name
,      tcn_from_name
,      tbe_from_name
from    itgen_ref_constraints_v

```





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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-dte\_r - itgen\_datamodel\_tbe\_r

|                             |  |
|-----------------------------|--|
| Code                        | dte_r  |
| Name                        | itgen_datamodel_tbe_r                            |
| Definition                  | List of tables for the report 'itgen_datamodel'. |
| Example                     | All relevant information on a person.            |
| Autocompleted               | <input type="checkbox"/>                         |
| Create                      | <input checked="" type="checkbox"/>              |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>                         |
| User May Insert             | <input type="checkbox"/>                         |
| User May Select             | <input checked="" type="checkbox"/>              |
| User May Update             | <input type="checkbox"/>                         |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Table ({res:itgen_table})                        |
| Label Singular as Reference | Table ({res:itgen_table})                        |
| Label Plural                | Tables ({res:itgen_tables})                      |
| Label Plural as Reference   | Tables ({res:itgen_tables})                      |
| Hard Coded Definition       |  |

```

select apn_code
,      apn_id
,      tbe_code
,      tbe_name
,      tbe_label
,      case
        when tbe_definition is not null
        then itgen#translations.translate_keys(tbe_definition, 'en', 1, 'Y', null, ' (' ||
tbe_definition || ')', 'bubs')
        else null
        end
        tbe_definition
,      case
        when tbe_example is not null
        then itgen#translations.translate_keys(tbe_example, 'en', 1, 'Y', null, ' (' ||
tbe_example || ')', 'bubs')
        else null
        end
        tbe_example
,      tbe_autocompleted_flag
,      tbe_create_flag
,      tbe_create_history_flag
,      tbe_derived_flag
,      tbe_show_history_flag
,      tbe_default_ref_columns
,      tbe_grant_delete_to_user_flag
,      tbe_grant_insert_to_user_flag
,      tbe_grant_select_to_user_flag
,      tbe_grant_update_to_user_flag
,      case
        when tbe_label_plural is not null
        then itgen#translations.translate_keys(tbe_label_plural, 'en', 1, 'Y', null, ' ('
|| tbe_label_plural || ')', 'bubs')
        else null
        end
        tbe_label_plural
,      case
        when tbe_label_plural_ref is not null
        then itgen#translations.translate_keys(tbe_label_plural_ref, 'en', 1, 'Y', null, '
(' || tbe_label_plural_ref || ')', 'bubs')
        else null
        end
        tbe_label_plural_ref

```

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## Applications

itgen - Invantive Producer

## Database Views

itgen-dte\_r - itgen\_datamodel\_tbe\_r

```

,
  case
  when tbe_label_singular is not null
  then itgen#translations.translate_keys(tbe_label_singular, 'en', 1, 'Y', null, '
(' || tbe_label_singular || ')', 'bubs')
  else null
  end
  tbe_label_singular
,
  case
  when tbe_label_singular_ref is not null
  then itgen#translations.translate_keys(tbe_label_singular_ref, 'en', 1, 'Y', null,
' (' || tbe_label_singular_ref || ')', 'bubs')
  else null
  end
  tbe_label_singular_ref
,
  case
  when tbe_documentation is not null
  then itgen#translations.translate_keys(tbe_documentation, 'en', 1, 'Y', null, ' (
|| tbe_documentation || ')', 'bubs')
  else null
  end
  tbe_documentation
,
  tbe_number_rows
,
  tbe_id
,
  tbe_data_category
,
  ldy_label data_category_label
,
  tbe_legacy_name
,
  tbe_is_interface_flag
from
  itgen_tables_v

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-dtn\_r - itgen\_datamodel\_tcn\_r

|                             |   |
|-----------------------------|---|
| Code                        | dtn_r   |
| Name                        | itgen_datamodel_tcn_r                                   |
| Definition                  | List of table columns for the report 'itgen_datamodel'. |
| Example                     | The birthdate of the person 'John' is Oct 24, 1968.     |
| Autocompleted               | <input type="checkbox"/>                                |
| Create                      | <input checked="" type="checkbox"/>                     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                                |
| User May Insert             | <input type="checkbox"/>                                |
| User May Select             | <input checked="" type="checkbox"/>                     |
| User May Update             | <input type="checkbox"/>                                |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Table Column ({res:itgen_table_column})                 |
| Label Singular as Reference | Table Column ({res:itgen_table_column})                 |
| Label Plural                | Table Columns ({res:itgen_table_columns})               |
| Label Plural as Reference   | Table Columns ({res:itgen_table_columns})               |
| Hard Coded Definition       |   |

```

select tcn.tcn_name
,      tcn.tcn_data_type_complete
,      case
        when tcn.tcn_definition is not null
        then itgen#translations.translate_keys(tcn.tcn_definition, 'en', 1, 'Y', null, '
(' || tcn.tcn_definition || ')', 'bubs')
        else null
        end
        tcn_definition
,      case
        when tcn.tcn_example is not null
        then itgen#translations.translate_keys(tcn.tcn_example, 'en', 1, 'Y', null, ' (
|| tcn.tcn_example || ')', 'bubs')
        else null
        end
        tcn_example
,      tcn.tcn_add_order
,      tcn.tcn_autocompleted_flag
,      tcn.tcn_conversion
,      tcn.tcn_nullable_flag
,      tcn.tcn_create_flag
,      tcn.tcn_display_filter_flag
,      tcn.tcn_display_lov_flag
,      tcn.tcn_display_record_flag
,      tcn.tcn_display_results_flag
,      case
        when tcn.tcn_label_plural is not null
        then itgen#translations.translate_keys(tcn.tcn_label_plural, 'en', 1, 'Y', null, '
(' || tcn.tcn_label_plural || ')', 'bubs')
        else null
        end
        tcn_label_plural
,      case
        when tcn.tcn_label_plural_ref is not null
        then itgen#translations.translate_keys(tcn.tcn_label_plural_ref, 'en', 1, 'Y',
null, ' (' || tcn.tcn_label_plural_ref || ')', 'bubs')
        else null
        end
        tcn_label_plural_ref
,      case
        when tcn.tcn_label_singular is not null
        then itgen#translations.translate_keys(tcn.tcn_label_singular, 'en', 1, 'Y', null,
' (' || tcn.tcn_label_singular || ')', 'bubs')

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-dtn\_r - itgen\_datamodel\_tcn\_r

```

        else null
        end
        tcn_label_singular
    ,
        case
        when tcn.tcn_label_singular_ref is not null
        then itgen#translations.translate_keys(tcn.tcn_label_singular_ref, 'en', 1, 'Y',
null, ' (' || tcn.tcn_label_singular_ref || ')', 'bubs')
        else null
        end
        tcn_label_singular_ref
    ,
        case
        when tcn_documentation is not null
        then itgen#translations.translate_keys(tcn_documentation, 'en', 1, 'Y', null, ' ('
|| tcn_documentation || ')', 'bubs')
        else null
        end
        tcn_documentation

    ,
        tcn.tbe_code
    ,
        tcn.tbe_name
    ,
        tcn.apn_code
    ,
        tcn_legacy_name
    ,
        tcn.tbe_id
    ,
        tcn.apn_id
    ,
        tcn.tcn_id
    ,
        case
        when acn_r.tcn_name is null
        then 'N'
        else 'Y'
        end
        tcn_system_column_flag
    ,
        tcn_definition_manual
    ,
        tcn_confidential_flag
    ,
        tcn_derived_flag
    ,
        tcn_default_value_expression
    ,
        tcn_display_order
    ,
        tcn_label
    ,
        tcn_translatable_flag

from   itgen_table_columns_v tcn
left   outer
join   itgen_apn_columns_r acn_r
on     acn_r.apn_code = tcn.apn_code
and    acn_r.tcn_name = tcn.tcn_name
where  acn_r.tcn_name is null

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-dvt\_r - itgen\_datamodel\_vet\_r

|                             |   |
|-----------------------------|---|
| Code                        | dvt_r   |
| Name                        | itgen_datamodel_vet_r   |
| Definition                  | List of view elements for the report 'itgen_datamodel'.                             |
| Example                     | The table 'itgen_applications' is an element of the business-view 'itgen_tables_v'. |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | View Element ({res:itgen_view_element})   |
| Label Singular as Reference | View Element ({res:itgen_view_element})   |
| Label Plural                | View Elements ({res:itgen_view_elements})   |
| Label Plural as Reference   | View Elements ({res:itgen_view_elements})   |
| Hard Coded Definition       |   |

```

select apn_viw_code
,      viw_code
,      vet_seq
,      vet_alias
,      apn_tbe_code
,      tbe_code
,      tbe_name
,      vet_column_name
,      case
      when vet_column_name is null
      then null
      else apn_tbe_code
            || '.'
            || tbe_code
            || '.'
            || vet_column_name
      end
      vet_join_from
,      vet_tbe_joined_alias
,      vet_tbe_joined_code
,      vet_joined_column_name
,      case
      when vet_joined_column_name is not null
      then vet_tbe_joined_code
            || '.'
            || vet_joined_column_name
      else null
      end
      vet_join_to
,      vet_left_outer_join_flag
,      vet_autocompleted_flag
,      vet_ref_columns
,      viw_additional_select_clause
,      vet_additional_where_clause
,      vet_id
from   itgen_view_elements_v

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-dvw\_r - itgen\_datamodel\_viw\_r

|                             |   |
|-----------------------------|---|
| Code                        | dvw_r   |
| Name                        | itgen_datamodel_viw_r   |
| Definition                  | List of views for the report 'itgen_datamodel'.                                     |
| Example                     | The view 'itgen_tables_v' shows a list of tables and their associated applications. |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Business object ({res:itgen_business_object})                                       |
| Label Singular as Reference | Business object ({res:itgen_business_object})                                       |
| Label Plural                | Business Objects ({res:itgen_business_objects})                                     |
| Label Plural as Reference   | Business Objects ({res:itgen_business_objects})                                     |
| Hard Coded Definition       |   |

```

select apn_code
,      viw_code
,      viw_name
,      viw_label
,      viw_optimizer_hint
,      viw_order_by_clause
,      viw_grant_delete_to_user_flag
,      viw_grant_insert_to_user_flag
,      viw_grant_select_to_user_flag
,      viw_grant_update_to_user_flag
,      viw_additional_select_clause viw_additional_select_clause
,      viw_additional_where_clause viw_additional_where_clause
,      viw_hard_coded_definition viw_hard_coded_definition
,      viw_hard_coded_definition2 viw_hard_coded_definition2
,      viw_hard_coded_definition3 viw_hard_coded_definition3
,      viw_hard_coded_definition4 viw_hard_coded_definition4
,      viw_hard_coded_definition5 viw_hard_coded_definition5
,      viw_hard_coded_definition6 viw_hard_coded_definition6
,      viw_hard_coded_definition7 viw_hard_coded_definition7
,      viw_hard_coded_definition8 viw_hard_coded_definition8
,      viw_hard_coded_definition9 viw_hard_coded_definition9
,      viw_hard_coded_definition10 viw_hard_coded_definition10
,      viw_hard_coded_definition11 viw_hard_coded_definition11
,      viw_hard_coded_definition12 viw_hard_coded_definition12
,      viw_hard_coded_definition13 viw_hard_coded_definition13
,      viw_hard_coded_definition14 viw_hard_coded_definition14
,      viw_hard_coded_definition15 viw_hard_coded_definition15
,      viw_hard_coded_definition16 viw_hard_coded_definition16
,      viw_id

,      case
,      when viw_definition is not null
,      then itgen#translations.translate_keys(viw_definition, 'en', 1, 'Y', null, ' (' ||
viw_definition || ')', 'bubs')
,      else null
,      end
,      viw_definition
,      case
,      when viw_example is not null
,      then itgen#translations.translate_keys(viw_example, 'en', 1, 'Y', null, ' (' ||
viw_example || ')', 'bubs')
,      else null

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-dvw\_r - itgen\_datamodel\_viw\_r

```

end
viw_example
,
viw_autocompleted_flag
,
viw_create_flag
,
case
when viw_label_plural is not null
then itgen#translations.translate_keys(viw_label_plural, 'en', 1, 'Y', null, ' ('
|| viw_label_plural || ')', 'bubs')
else null
end
viw_label_plural
,
case
when viw_label_plural_ref is not null
then itgen#translations.translate_keys(viw_label_plural_ref, 'en', 1, 'Y', null, '
(' || viw_label_plural_ref || ')', 'bubs')
else null
end
viw_label_plural_ref
,
case
when viw_label_singular is not null
then itgen#translations.translate_keys(viw_label_singular, 'en', 1, 'Y', null, '
(' || viw_label_singular || ')', 'bubs')
else null
end
viw_label_singular
,
case
when viw_label_singular_ref is not null
then itgen#translations.translate_keys(viw_label_singular_ref, 'en', 1, 'Y', null,
' (' || viw_label_singular_ref || ')', 'bubs')
else null
end
viw_label_singular_ref
,
case
when viw_documentation is not null
then itgen#translations.translate_keys(viw_documentation, 'en', 1, 'Y', null, ' ('
|| viw_documentation || ')', 'bubs')
else null
end
end
viw_documentation

from itgen_views_v

```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-dmg - itgen\_dataset\_mappings\_v**

|                             |   |
|-----------------------------|---|
| Code                        | dmg   |
| Name                        | itgen_dataset_mappings_v                        |
| Definition                  | See itgen_datset_mappings.                      |
| Example                     | See itgen_datset_mappings.                      |
| Autocompleted               | <input type="checkbox"/>                        |
| Create                      | <input checked="" type="checkbox"/>             |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>             |
| User May Insert             | <input checked="" type="checkbox"/>             |
| User May Select             | <input checked="" type="checkbox"/>             |
| User May Update             | <input checked="" type="checkbox"/>             |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Dataset Mapping ({res:itgen_dataset_mapping})   |
| Label Singular as Reference | Dataset Mapping ({res:itgen_dataset_mapping})   |
| Label Plural                | Dataset Mappings ({res:itgen_dataset_mappings}) |
| Label Plural as Reference   | Dataset Mappings ({res:itgen_dataset_mappings}) |





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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-dmg - itgen\_dataset\_mappings\_v

**View Elements**

| Sequence | Table Code | Table Name                                   | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|--|--------------|--------------------|--------------------------|
| 1        | dmg        | itgen_dataset_mappings                       |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 2        | dst        | itgen_datasets                               | itgen.dst.id | dmg.dst_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 3        | viw        | itgen_views                                  | itgen.viw.id | dmg.viw_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 4        | apn        | itgen_applications                           | itgen.apn.id | dst.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 5        | apn        | itgen_applications                           | itgen.apn.id | viw.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-drw - itgen\_dataset\_rows\_v**

|                             |   |
|-----------------------------|---|
| Code                        | drw                                     |
| Name                        | itgen_dataset_rows_v                    |
| Definition                  | See itgen_datset_rows.                  |
| Example                     | See itgen_datset_rows.                  |
| Autocompleted               | <input type="checkbox"/>                |
| Create                      | <input checked="" type="checkbox"/>     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>     |
| User May Insert             | <input checked="" type="checkbox"/>     |
| User May Select             | <input checked="" type="checkbox"/>     |
| User May Update             | <input checked="" type="checkbox"/>     |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Dataset Row ({res:itgen_dataset_row})   |
| Label Singular as Reference | Dataset Row ({res:itgen_dataset_row})   |
| Label Plural                | Dataset Rows ({res:itgen_dataset_rows}) |
| Label Plural as Reference   | Dataset Rows ({res:itgen_dataset_rows}) |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-drw - itgen\_dataset\_rows\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | drw        | itgen_dataset_rows      |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | dst        | itgen_datasets          | itgen.dst.id | drw.dst_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 3        | apn        | itgen_applications      | itgen.apn.id | dst.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-dst - itgen\_datasets\_v**

|                             |   |
|-----------------------------|---|
| Code                        | dst   |
| Name                        | itgen_datasets_v  |
| Definition                  | See itgen_datsets.  |
| Example                     | See itgen_datsets.  |
| Autocompleted               | <input type="checkbox"/>                                    |
| Create                      | <input checked="" type="checkbox"/>                         |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>                         |
| User May Insert             | <input checked="" type="checkbox"/>                         |
| User May Select             | <input checked="" type="checkbox"/>                         |
| User May Update             | <input checked="" type="checkbox"/>                         |
| Additional Select Clause    | <code>dst.code    ' - '    dst.description dst_label</code> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Dataset ({res:itgen_dataset})                               |
| Label Singular as Reference | Dataset ({res:itgen_dataset})                               |
| Label Plural                | Datasets ({res:itgen_datasets})                             |
| Label Plural as Reference   | Datasets ({res:itgen_datasets})                             |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-dst - itgen\_datasets\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | dst        | itgen_datasets          |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | apn        | itgen_applications      | itgen.apn.id | dst.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-dcg\_r - itgen\_db\_context\_settings\_r

|                             |  |
|-----------------------------|--|
| Code                        | dcg_r  |
| Name                        | itgen_db_context_settings_r  |
| Definition                  | Reporting view which provides the settings of all context variables excluding USERENV. |
| Example                     | PBUBS.CIG.PJT_ID: 14   |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Database Context ({res:itgen_db_context})  |
| Label Singular as Reference | Database Context ({res:itgen_db_context})  |
| Label Plural                | Database Contexts ({res:itgen_db_contexts})  |
| Label Plural as Reference   | Database Contexts ({res:itgen_db_contexts})  |
| Hard Coded Definition       |  |

```
select column_value
from table(itgen_pipe_context_settings.get_context_settings)
```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-dal - itgen\_dual\_v**

|                             |   |
|-----------------------------|---|
| Code                        | dal   |
| Name                        | itgen_dual_v  |
| Definition                  | Technical table to allow fetching a SQL expression. |
| Example                     | The outcome of '1+2' is '3' as SQL expression.      |
| Autocompleted               | <input type="checkbox"/>                            |
| Create                      | <input checked="" type="checkbox"/>                 |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>                 |
| User May Insert             | <input checked="" type="checkbox"/>                 |
| User May Select             | <input checked="" type="checkbox"/>                 |
| User May Update             | <input checked="" type="checkbox"/>                 |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Dual ({res:itgen_dual})                             |
| Label Singular as Reference | Dual ({res:itgen_dual})                             |
| Label Plural                | Duals ({res:itgen_duals})                           |
| Label Plural as Reference   | Duals ({res:itgen_duals})                           |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-dal - itgen\_dual\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|-------------|--------------------|--------------------------|
| 1        | dal        | itgen_dual              |             |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |             |                    |                          |
|          |            | Reference Columns       |             |                    |                          |





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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-ftw\_r - itgen\_fk\_tables\_in\_view\_r

|                             |  |
|-----------------------------|--|
| Code                        | ftw_r  |
| Name                        | itgen_fk_tables_in_view_r  |
| Definition                  | Tables joined directly to the master table in a view.                  |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                                    |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                                    |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Related Tables directly used in View ({res:itgen_fk_tables_in_view})   |
| Label Singular as Reference | Related Tables directly used in View ({res:itgen_fk_tables_in_view})   |
| Label Plural                | Related Tables directly used in Views ({res:itgen_fk_tables_in_views}) |
| Label Plural as Reference   | Related Tables directly used in Views ({res:itgen_fk_tables_in_views}) |
| Hard Coded Definition       |  |

```

select vet0.apn_viw_code          /* Application of the business view. */
,   vet0.viw_name                /* Name of the business view. */
,   vet0.viw_code                /* Code of the business view. */
,   vet0.vet_seq                 /* Number of the view element within the view
definition. */
,   tcn.tbe_name tbe_tcn_name    /* Name of the starting table for the joining column.
*/
,   vet0.vet_joined_column_name /* Name of the column in the starting table, generally
like '..._id' or '..._ind'. */
,   vet0.vet_alias               /* Alias for the table usage as joined into the
business view. */
,   vet0.apn_tbe_code            /* Name of the application of the related table. */
,   vet0.tbe_name tbe_vet_name  /* Name of the table joined into the business view. */
,   vet0.vet_column_name        /* Name of the column in the related table, in general
always 'id' or 'code'. */
,   vet0.tbe_code                /* Code of the table joined into the business view. */
,   ','
  || case
    when vet0.vet_ref_columns is null
    then vet0.tbe_default_ref_columns
    else replace(vet0.vet_ref_columns, '+', vet0.tbe_default_ref_columns)
    end
  || ','
  vet_reference_columns
/* Is a lock needed on the referenced element when changing the business object?
Only when there is no foreign key implemented. */
,   case
    when rct.rct_id is not null /* There is a referential constraint. */
    and rct.rct_create_flag = 'N' /* An enforced foreign key ensures locking already.
Just lock when it is not physically created. */
    then 'Y'
    when rct.rct_id is null
    then 'Y'
    else 'N'
    end
    vet_lock_needed_flag
,   case
when rct.rct_id is not null or vet0.tbe_create_flag = 'N'
then 'Y'
else 'N'
end
vet_needs_fk
from   itgen_view_elements_v vet0

```



## Applications

itgen - Invantive Producer

## Database Views

itgen-ftw\_r - itgen\_fk\_tables\_in\_view\_r

```

join  itgen_view_elements_v vetstart
on    vetstart.viw_id = vet0.viw_id
and   vetstart.vet_alias = vet0.vet_tbe_joined_code
join  itgen_table_columns_v tcn
on    1=1

and   tcn.tcn_name = vet0.vet_joined_column_name
and   tcn.tbe_id = vetstart.tbe_id
and   tcn.tcn_name <> 'id'
left
outer
join  itgen_ref_constraints_v rct
on    rct.tcn_from_id = tcn.tcn_id
and   rct.tbe_to_id = vet0.tbe_id
and   rct.tcn_to_name = vet0.vet_column_name
and   rct.rct_create_flag = 'Y'
where /* Exclude the master table itself. */
(vet0.tbe_code, vet0.vet_seq) <>
( select vet.tbe_code
  ,      vet.vet_seq
  from  itgen_view_elements_v vet
  where vet.viw_id = vet0.viw_id
  and   vet.vet_seq
        =
        ( select min(vetmin.vet_seq)
          from  itgen_view_elements_v vetmin
          where vetmin.viw_id = vet0.viw_id
          and   vetmin.vet_column_name is null
        )
)
/* Only tables that are joined with the master table in one step. */
and   vet0.vet_tbe_joined_code =
( select vet.tbe_code
  from  itgen_view_elements_v vet
  where vet.viw_id = vet0.viw_id
  and   vet.vet_seq
        =
        ( select min(vetmin.vet_seq)
          from  itgen_view_elements_v vetmin
          where vetmin.viw_id = vet0.viw_id
          and   vetmin.vet_column_name is null
        )
)
order
by    vet0.tbe_name

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen\_ftn\_r - itgen\_ftn\_picklist\_r

|                             |  |
|-----------------------------|--|
| Code                        | ftn_r  |
| Name                        | itgen_ftn_picklist_r   |
| Definition                  | Reporting view for use a picklist of functions available in the GUI. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                                  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                                  |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Function (*.fnc) ({res:itgen_function})                              |
| Label Singular as Reference | Function (*.fnc) ({res:itgen_function})                              |
| Label Plural                | Functions ({res:itgen_functions})                                    |
| Label Plural as Reference   | Functions ({res:itgen_functions})                                    |
| Hard Coded Definition       |  |

```
select ftn_id id
,      ftn_id
,      ftn_code
,      ftn_code code
,      ftn_description
,      ftn_label
from   itgen_functions_v
order
by     ftn_code
```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

itgen-ftn - itgen\_functions\_v

|                             |   |
|-----------------------------|---|
| Code                        | ftn   |
| Name                        | itgen_functions_v   |
| Definition                  | Functions to be authorized.                                 |
| Example                     | Invantive Control   |
| Autocompleted               | <input type="checkbox"/>                                    |
| Create                      | <input checked="" type="checkbox"/>                         |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>                         |
| User May Insert             | <input checked="" type="checkbox"/>                         |
| User May Select             | <input checked="" type="checkbox"/>                         |
| User May Update             | <input checked="" type="checkbox"/>                         |
| Additional Select Clause    | <code>ftn.code    ' - '    ftn.description ftn_label</code> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Function (*.fnc) ({res:itgen_function})                     |
| Label Singular as Reference | Function (*.fnc) ({res:itgen_function})                     |
| Label Plural                | Functions ({res:itgen_functions})                           |
| Label Plural as Reference   | Functions ({res:itgen_functions})                           |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-ftn - itgen\_functions\_v

**View Elements**

| Sequence | Table Code              | Table Name      | Column Name | Joined Column Name | Left Outer Join          |
|----------|-------------------------|-----------------|-------------|--------------------|--------------------------|
| 1        | ftn                     | itgen_functions |             |                    | <input type="checkbox"/> |
|          | Additional Where Clause |                 |             |                    |                          |
|          | Reference Columns       |                 |             |                    |                          |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-gsy - itgen\_glossaries\_v

|                             |  |
|-----------------------------|--|
| Code                        | gsy  |
| Name                        | itgen_glossaries_v   |
| Definition                  | See itgen_glossary.  |
| Example                     | See itgen_glossary.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input checked="" type="checkbox"/>  |
| Additional Select Clause    | <pre>apn.code    '.'    gsy.code    ' - '    gsy.description gsy_label , itgen#translations.translate_keys(gsy.description) gsy_description_i18n , gsy.id gsy_volledige_code</pre> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Glossary ({res:itgen_glossary})  |
| Label Singular as Reference | Glossary ({res:itgen_glossary})  |
| Label Plural                | Glossaries ({res:itgen_glossaries})  |
| Label Plural as Reference   | Glossaries ({res:itgen_glossaries})  |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-gsy - itgen\_glossaries\_v

**View Elements**

| Sequence | Table Code | Table Name                                   | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|--|--------------|--------------------|--------------------------|
| 1        | gsy        | itgen_glossaries                             |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 2        | apn        | itgen_applications                           | itgen.apn.id | gsy.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-gtm - itgen\_glossary\_terms\_v**

|                             |   |
|-----------------------------|---|
| Code                        | gtm   |
| Name                        | itgen_glossary_terms_v                      |
| Definition                  | See itgen_glossary_terms.                   |
| Example                     | See itgen_glossary_terms.                   |
| Autocompleted               | <input type="checkbox"/>                    |
| Create                      | <input checked="" type="checkbox"/>         |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>         |
| User May Insert             | <input checked="" type="checkbox"/>         |
| User May Select             | <input checked="" type="checkbox"/>         |
| User May Update             | <input checked="" type="checkbox"/>         |
| Additional Select Clause    | <code>gsy.id gsy_volledige_code</code>      |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Glossary Term ({res:itgen_glossary_term})   |
| Label Singular as Reference | Glossary Term ({res:itgen_glossary_term})   |
| Label Plural                | Glossary Terms ({res:itgen_glossary_terms}) |
| Label Plural as Reference   | Glossary Terms ({res:itgen_glossary_terms}) |





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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-gtm - itgen\_glossary\_terms\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | gtm        | itgen_glossary_terms    |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | gsy        | itgen_glossaries        | itgen.gsy.id | gtm.gsy_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 3        | apn        | itgen_applications      | itgen.apn.id | gsy.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-gsy\_r - itgen\_gsy\_picklist\_r

|                             |  |
|-----------------------------|--|
| Code                        | gsy_r  |
| Name                        | itgen_gsy_picklist_r   |
| Definition                  | Reporting view for use a picklist of modules available in the GUI. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                                |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                                |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Module ({res:itgen_module})  |
| Label Singular as Reference | Module ({res:itgen_module})  |
| Label Plural                | Modules ({res:itgen_modules})                                      |
| Label Plural as Reference   | Modules ({res:itgen_modules})                                      |
| Hard Coded Definition       |  |

```
select gsy.gsy_id id
,      gsy.gsy_nk code
,      gsy.gsy_id
,      gsy.gsy_code
,      gsy.gsy_label
from   itgen_glossaries_v gsy
order
by     gsy.apn_code
,      gsy.gsy_code
```



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## Applications

## itgen - Invantive Producer

## Database Views

## itgen-gcn\_r - itgen\_gui\_columns\_r

|                             |   |
|-----------------------------|---|
| Code                        | gcn_r   |
| Name                        | itgen_gui_columns_r                                     |
| Definition                  | A discrete list of types of data categories for tables. |
| Example                     | The data category 'T' stands for 'Transactions'.        |
| Autocompleted               | <input type="checkbox"/>                                |
| Create                      | <input checked="" type="checkbox"/>                     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                                |
| User May Insert             | <input type="checkbox"/>                                |
| User May Select             | <input checked="" type="checkbox"/>                     |
| User May Update             | <input type="checkbox"/>                                |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | GUI Column ({res:itgen_gui_column})                     |
| Label Singular as Reference | GUI Column ({res:itgen_gui_column})                     |
| Label Plural                | GUI Columns ({res:itgen_gui_columns})                   |
| Label Plural as Reference   | GUI Columns ({res:itgen_gui_columns})                   |
| Hard Coded Definition       |   |

```

select cln.klm_id id
,      cln.klm_name code
,      cln.tbl_name
,      cln.klm_name
,      cln.klm_nk_flag
,      cln.klm_nullable
,      cln.klm_display_order
,      cln.klm_label_user
,      cln.klm_label_user
|| case
when cln.klm_nullable = 'N'
then ' *'
end
klm_label_full
,      cln.klm_sql_spec
,      cln.klm_definition
,      cln.klm_example
,      cln.klm_max_length
,      cln.klm_precision
,      cln.klm_scale
,      case
when cln.klm_data_type = 'NUMBER'
then floor((cln.klm_precision - cln.klm_scale - 1)/3)
+ cln.klm_precision
+ case
when cln.klm_scale > 0
then 1
else 0
end
else null
end
klm_display_length
,      cln.klm_data_type
,      cln.klm_display_control_name
,      cln.klm_display_control_options
from   itgen_columns_r cln
where  cln.klm_influences_insert_flag='Y'
and    cln.tbl_type = 'VIEW'
order
by     cln.tbl_name
,      cln.klm_nk_flag desc
,      cln.klm_display_order
,      cln.column_id

```



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## Applications

itgen - Invantive Producer

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## Database Views

itgen-gcn\_r - itgen\_gui\_columns\_r

---



## Applications

### itgen - Invantive Producer

## Database Views

### itgen-ior\_r - itgen\_implementation\_order\_r

|                             |   |
|-----------------------------|---|
| Code                        | ior_r   |
| Name                        | itgen_implementation_order_r  |
| Definition                  | Ordered list of business objects to be addressed in an implementation of an application |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Implementation Order ({res:itgen_implementation_order})                                 |
| Label Singular as Reference | Implementation Order ({res:itgen_implementation_order})                                 |
| Label Plural                | Business objects ordered for implementation   |
| Label Plural as Reference   | Business objects ordered for implementation<br>({res:itgen_implementation_orders})      |
| Hard Coded Definition       |   |

```

select max(lvl) lvl
,      apn_viw_code
,      viw_name
,      tbe_code
,      tbe_data_category
,      tbe_derived_flag
from   ( select level lvl
,       vrn.apn_viw_code
,       vrn.source_databasename viw_name
,       vrn.tbe_code
,       vrn.tbe_data_category
,       vrn.tbe_derived_flag
from   itgen_view_relations_r vrn
connect
by     nocycle
       vrn.viw_id_target = prior vrn.viw_id_source

start
with  vrn.viw_id_target
in    in
      ( select viw_id from itgen_solitary_bus_views_r sbw
      )
union all
( select 0
,       sbw.apn_viw_code
,       sbw.viw_name
,       sbw.tbe_code
,       sbw.tbe_data_category
,       sbw.tbe_derived_flag
from   itgen_solitary_bus_views_r sbw
)
)
group
by    apn_viw_code
,     viw_name
,     tbe_code
,     tbe_data_category
,     tbe_derived_flag

order
by    lvl
,     apn_viw_code

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-ior\_r - itgen\_implementation\_order\_r

```
,      case  
      when tbe_data_category = 'T'  
      then 1  
      when tbe_data_category = 'O'  
      then 2  
      when tbe_data_category = 'S'  
      then 3  
      when tbe_data_category = 'R'  
      then 4  
      else 5  
      end  
      desc  
,      viw_name
```



## Applications

### itgen - Invantive Producer

## Database Views

### itgen-ipn - itgen\_implementation\_r

|                             |   |
|-----------------------------|---|
| Code                        | ipn   |
| Name                        | itgen_implementation_r                                  |
| Definition                  | A discrete list of types of data categories for tables. |
| Example                     | The data category 'T' stands for 'Transactions'.        |
| Autocompleted               | <input type="checkbox"/>                                |
| Create                      | <input checked="" type="checkbox"/>                     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                                |
| User May Insert             | <input type="checkbox"/>                                |
| User May Select             | <input checked="" type="checkbox"/>                     |
| User May Update             | <input type="checkbox"/>                                |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Implementation ({res:itgen_implementation})             |
| Label Singular as Reference | Implementation ({res:itgen_implementation})             |
| Label Plural                | Implementations ({res:itgen_implementations})           |
| Label Plural as Reference   | Implementations ({res:itgen_implementations})           |
| Hard Coded Definition       |   |

```

select /*+ ordered */ tbe.apn_code
,      tbe.apn_name
,      lower(cln.tbl_name) tbe_name
,      tbe.tbe_id
,      tbe.tbe_code
,      tbe.tbe_definition
,      tbe.tbe_example
,      tbe.tbe_data_category
,      itgen#translations.translate_keys(tbe.tbe_label_plural) tbe_label_plural_i18n
,      itgen#translations.translate_keys(tbe.tbe_label_singular) tbe_label_singular_i18n
,      lower(cln.klm_name)      cln_name
,      cln.klm_nullable        cln_nullable_flag
,      itgen#translations.translate_keys(tcn.tcn_label_singular) tcn_label_singular_i18n
,      lower(cln.klm_data_type) cln_data_type
,      lower(cln.klm_sql_spec)  cln_sql_spec
,      cln.klm_definition      cln_definition
,      cln.klm_example         cln_example
,      cln.column_id
,      tcn.tcn_col_is_audit_flag
,      tcn.tcn_col_is_data_extension_flag
from   itgen_columns_r cln
join   itgen_tables_v tbe
on     cln.tbl_name = upper(tbe.tbe_name || '_V')
and    tbe.tbe_data_category in ( 'R', 'T' )
and    tbe.tbe_create_flag = 'Y'
left  outer
join   itgen_table_columns_v tcn
on     tcn.tbe_name = cln.klm_orig_tbe_name
and    tcn.tcn_name = cln.klm_orig_tcn_name
where  cln.klm_influences_insert_flag = 'Y'

```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-icn - itgen\_index\_columns\_v**

|                             |  |
|-----------------------------|--|
| Code                        | icn  |
| Name                        | itgen_index_columns_v  |
| Definition                  | Column forming part of an index.   |
| Example                     | The column 'code' is part of the index 'itgen_apn_uk'.   |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input checked="" type="checkbox"/>  |
| Additional Select Clause    | <pre> apn_idx.code    ' '    tbe_idx.code    ' '    idx.name    ' '    to_char(icn.position, 'fm99G990')    ' - '    tcn.name icn_label                     </pre> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Index Column ({res:itgen_index_column})  |
| Label Singular as Reference | Index Column ({res:itgen_index_column})  |
| Label Plural                | Index Columns ({res:itgen_index_columns})  |
| Label Plural as Reference   | Index Columns ({res:itgen_index_columns})  |





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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-icn - itgen\_index\_columns\_v

**View Elements**

| Sequence | Table Code | Table Name                                | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|---|--------------|--------------------|--------------------------|
| 1        | icn        | itgen_index_columns                       |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause Reference Columns |              |                    |                          |
| 2        | idx        | itgen_indexes                             | itgen.idx.id | icn.idx_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause Reference Columns |              |                    |                          |
| 3        | tbe        | itgen_tables                              | itgen.tbe.id | idx.tbe_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause Reference Columns |              |                    |                          |
| 4        | apn        | itgen_applications                        | itgen.apn.id | tbe_idx.apn_id     | <input type="checkbox"/> |
|          |            | Additional Where Clause Reference Columns |              |                    |                          |
| 5        | tcn        | itgen_table_columns                       | itgen.tcn.id | icn.tcn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause Reference Columns |              |                    |                          |
| 6        | tbe        | itgen_tables                              | itgen.tbe.id | tcn.tbe_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause Reference Columns |              |                    |                          |
| 7        | apn        | itgen_applications                        | itgen.apn.id | tbe_tcn.apn_id     | <input type="checkbox"/> |
|          |            | Additional Where Clause Reference Columns |              |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-idx - itgen\_indexes\_v**

|                             |  |
|-----------------------------|--|
| Code                        | idx  |
| Name                        | itgen_indexes_v  |
| Definition                  | Allow rapid retrieval of data from a table and ensure uniqueness of combinations of columns. |
| Example                     | The index 'itgen_apn_uk' ensures that each application has a unique code.                    |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input checked="" type="checkbox"/>  |
| Additional Select Clause    | <code>apn.code    '.'    tbe.code    '.'    idx.name idx_label</code>                        |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Index ({res:itgen_index})  |
| Label Singular as Reference | Index ({res:itgen_index})  |
| Label Plural                | Indexes ({res:itgen_indexes})  |
| Label Plural as Reference   | Indexes ({res:itgen_indexes})  |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-idx - itgen\_indexes\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | idx        | itgen_indexes           |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | tbe        | itgen_tables            | itgen.tbe.id | idx.tbe_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 3        | apn        | itgen_applications      | itgen.apn.id | tbe.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-isn\_r - itgen\_installations\_r

|                             |   |
|-----------------------------|---|
| Code                        | isn_r   |
| Name                        | itgen_installations_r   |
| Definition                  | Reporting view with the schemanames of all Invantive Producer installations in this database. |
| Example                     | PBUBS,ABUBS,OBUBS   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Installation ({res:itgen_installation})   |
| Label Singular as Reference | Installation ({res:itgen_installation})   |
| Label Plural                | Installations ({res:itgen_installations})   |
| Label Plural as Reference   | Installations ({res:itgen_installations})   |
| Hard Coded Definition       |   |

```
select o.owner#
,      o.owner# id
,      o.owner# code
,      u.name
from   dba_objects ojt
join   sys.obj$ o
on     ojt.object_id = o.obj#
join   sys.user$ u
on     u.user# = o.owner#
and    u.type# <> 0
where  ojt.object_name = 'ITGEN_SCHEMAS_R'
and    ojt.object_type = 'VIEW'
and    u.name not in ('SYS', 'SYSTEM')
```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

itgen-ian - itgen\_interactions\_v

|                             |   |
|-----------------------------|---|
| Code                        | ian                                     |
| Name                        |   |
| Definition                  | itgen_interactions_v                    |
| Example                     |   |
| Autocompleted               | <input type="checkbox"/>                |
| Create                      | <input checked="" type="checkbox"/>     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                |
| User May Insert             | <input type="checkbox"/>                |
| User May Select             | <input checked="" type="checkbox"/>     |
| User May Update             | <input type="checkbox"/>                |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Interaction ({res:itgen_interaction})   |
| Label Singular as Reference | Interaction ({res:itgen_interaction})   |
| Label Plural                | Interactions ({res:itgen_interactions}) |
| Label Plural as Reference   | Interactions ({res:itgen_interactions}) |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-ian - itgen\_interactions\_v

**View Elements**

| Sequence | Table Code                                | Table Name         | Column Name | Joined Column Name | Left Outer Join          |
|----------|---|--------------------|-------------|--------------------|--------------------------|
| 1        | ian                                       | itgen_interactions |             |                    | <input type="checkbox"/> |
|          | Additional Where Clause Reference Columns |                    |             |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-lge - itgen\_languages\_v**

|                             |   |
|-----------------------------|---|
| Code                        | lge   |
| Name                        | itgen_languages_v   |
| Definition                  | Languages supported.  |
| Example                     | 'en'.   |
| Autocompleted               | <input type="checkbox"/>                                    |
| Create                      | <input checked="" type="checkbox"/>                         |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>                         |
| User May Insert             | <input checked="" type="checkbox"/>                         |
| User May Select             | <input checked="" type="checkbox"/>                         |
| User May Update             | <input checked="" type="checkbox"/>                         |
| Additional Select Clause    | <code>lge.code    ' - '    lge.description lge_label</code> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Language ({res:itgen_language})                             |
| Label Singular as Reference | Language ({res:itgen_language})                             |
| Label Plural                | Languages ({res:itgen_languages})                           |
| Label Plural as Reference   | Languages ({res:itgen_languages})                           |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-lge - itgen\_languages\_v

**View Elements**

| Sequence | Table Code              | Table Name      | Column Name | Joined Column Name | Left Outer Join          |
|----------|-------------------------|-----------------|-------------|--------------------|--------------------------|
| 1        | lge                     | itgen_languages |             |                    | <input type="checkbox"/> |
|          | Additional Where Clause |                 |             |                    |                          |
|          | Reference Columns       |                 |             |                    |                          |





Settings: system, EUR, Year, Current situation  
 Application: itgen - Invantive Producer  
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 Table Columns:   
 Table Column Details:   
 Attribute Rules:   
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 Function: itgen\_datamodel\_pdf\_rpt

## Applications

### itgen - Invantive Producer

## Database Views

### itgen-lge\_r - itgen\_lge\_picklist\_r

|                             |   |
|-----------------------------|---|
| Code                        | lge_r   |
| Name                        | itgen_lge_picklist_r  |
| Definition                  | Reporting view for use a picklist of applications available in the GUI. |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>                                     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>                                     |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Application ({res:itgen_application})                                   |
| Label Singular as Reference | Application ({res:itgen_application})                                   |
| Label Plural                | Applications ({res:itgen_applications})                                 |
| Label Plural as Reference   | Applications ({res:itgen_applications})                                 |
| Hard Coded Definition       |   |

```
select lge.lge_id id
,      lge.lge_code code
,      lge.lge_id
,      lge.lge_code
,      lge.lge_label
,      lge.lge_usable_in_ui_flag
from   itgen_languages_v lge
order
by     lge.lge_code
```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

itgen-lce - itgen\_licenses\_v

|                             |                                     |
|-----------------------------|-------------------------------------|
| Code                        | lce                                 |
| Name                        | itgen_licenses_v                    |
| Definition                  | See itgen_licenses.                 |
| Example                     | See itgen_licenses.                 |
| Autocompleted               | <input type="checkbox"/>            |
| Create                      | <input checked="" type="checkbox"/> |
| Optimizer Hint              |                                     |
| Order by Clause             |                                     |
| User May Delete             | <input checked="" type="checkbox"/> |
| User May Insert             | <input checked="" type="checkbox"/> |
| User May Select             | <input checked="" type="checkbox"/> |
| User May Update             | <input checked="" type="checkbox"/> |
| Additional Select Clause    |                                     |
| Additional Where Clause     |                                     |
| Documentation               |                                     |
| Label Singular              | License ({res:itgen_license})       |
| Label Singular as Reference | License ({res:itgen_license})       |
| Label Plural                | Licenses ({res:itgen_licenses})     |
| Label Plural as Reference   | Licenses ({res:itgen_licenses})     |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-lce - itgen\_licenses\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|-------------|--------------------|--------------------------|
| 1        | lce        | itgen_licenses          |             |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |             |                    |                          |
|          |            | Reference Columns       |             |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-igg - itgen\_logging\_v**

|                             |  |
|-----------------------------|--|
| Code                        | igg                                      |
| Name                        | itgen_logging_v                          |
| Definition                  | Logging message from Invantive products. |
| Example                     | Server error 12000 occurred.             |
| Autocompleted               | <input type="checkbox"/>                 |
| Create                      | <input checked="" type="checkbox"/>      |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>      |
| User May Insert             | <input checked="" type="checkbox"/>      |
| User May Select             | <input checked="" type="checkbox"/>      |
| User May Update             | <input checked="" type="checkbox"/>      |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Logging ({res:itgen_logging})            |
| Label Singular as Reference | Logging ({res:itgen_logging})            |
| Label Plural                | Loggings ({res:itgen_loggings})          |
| Label Plural as Reference   | Loggings ({res:itgen_loggings})          |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-igg - itgen\_logging\_v

**View Elements**

| Sequence | Table Code              | Table Name    | Column Name | Joined Column Name | Left Outer Join          |
|----------|-------------------------|---------------|-------------|--------------------|--------------------------|
| 1        | igg                     | itgen_logging |             |                    | <input type="checkbox"/> |
|          | Additional Where Clause |               |             |                    |                          |
|          | Reference Columns       |               |             |                    |                          |

Settings: system, EUR, Year, Current situation  
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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-acy\_r - itgen\_lov\_action\_category\_r

|                             |   |
|-----------------------------|---|
| Code                        | acy_r   |
| Name                        | itgen_lov_action_category_r                       |
| Definition                  | Reporting view                                    |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>                          |
| Create                      | <input checked="" type="checkbox"/>               |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                          |
| User May Insert             | <input type="checkbox"/>                          |
| User May Select             | <input checked="" type="checkbox"/>               |
| User May Update             | <input type="checkbox"/>                          |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Action Category ({res:itgen_action_category})     |
| Label Singular as Reference | Action Category ({res:itgen_action_category})     |
| Label Plural                | Action Categories ({res:itgen_action_categories}) |
| Label Plural as Reference   | Action Categories ({res:itgen_action_categories}) |
| Hard Coded Definition       |   |

```
select cve_id id
,      cve_code code
,      itgen#translations.translate_keys(cve_description) label
,      cve_sorting_order
from   itgen_code_values_v
where  cde_code = 'itgen_lov_action_category_r'
```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-lay - itgen\_lov\_atn\_category\_r

|                             |  |
|-----------------------------|--|
| Code                        | lay  |
| Name                        | itgen_lov_atn_category_r                                   |
| Definition                  | A discrete list of types of actions for an attribute rule. |
| Example                     | The action 'E' is a check of a constraint.                 |
| Autocompleted               | <input type="checkbox"/>                                   |
| Create                      | <input checked="" type="checkbox"/>                        |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>                                   |
| User May Insert             | <input type="checkbox"/>                                   |
| User May Select             | <input checked="" type="checkbox"/>                        |
| User May Update             | <input type="checkbox"/>                                   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Action Category ({res:itgen_action_category})              |
| Label Singular as Reference | Action Category ({res:itgen_action_category})              |
| Label Plural                | Action Categories ({res:itgen_action_categories})          |
| Label Plural as Reference   | Action Categories ({res:itgen_action_categories})          |
| Hard Coded Definition       |  |

```
select cve_id id
,      cve_code code
,      itgen#translations.translate_keys(cve_description) label
,      cve_sorting_order
from   itgen_code_values_v
where  cde_code = 'itgen_lov_atn_category_r'
```

Settings: system, EUR, Year, Current situation  
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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-lat - itgen\_lov\_atn\_moment\_r

|                             |  |
|-----------------------------|--|
| Code                        | lat  |
| Name                        | itgen_lov_atn_moment_r   |
| Definition                  | A discrete list of moments of action events for an attribute rule.               |
| Example                     | The action with action moment 'A' will execute after the actual database change. |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Action Moment ({res:itgen_action_moment})  |
| Label Singular as Reference | Action Moment ({res:itgen_action_moment})  |
| Label Plural                | Action Moments ({res:itgen_action_moments})                                      |
| Label Plural as Reference   | Action Moments ({res:itgen_action_moments})                                      |
| Hard Coded Definition       |  |

```
select cve_id id
,      cve_code code
,      itgen#translations.translate_keys(cve_description) label
,      cve_sorting_order
from   itgen_code_values_v
where  cde_code = 'itgen_lov_atn_moment_r'
```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-ldy - itgen\_lov\_data\_category\_r

|                             |   |
|-----------------------------|---|
| Code                        | ldy   |
| Name                        | itgen_lov_data_category_r                               |
| Definition                  | A discrete list of types of data categories for tables. |
| Example                     | The data category 'T' stands for 'Transactions'.        |
| Autocompleted               | <input type="checkbox"/>                                |
| Create                      | <input checked="" type="checkbox"/>                     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                                |
| User May Insert             | <input type="checkbox"/>                                |
| User May Select             | <input checked="" type="checkbox"/>                     |
| User May Update             | <input type="checkbox"/>                                |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Data Category ({res:itgen_data_category})               |
| Label Singular as Reference | Data Category ({res:itgen_data_category})               |
| Label Plural                | Data Categories ({res:itgen_data_categories})           |
| Label Plural as Reference   | Data Categories ({res:itgen_data_categories})           |
| Hard Coded Definition       |   |

```
select cve_id id
,      cve_code code
,      itgen#translations.translate_keys(cve_description) label
,      cve_sorting_order
from   itgen_code_values_v
where  cde_code = 'itgen_lov_data_category_r'
```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

itgen-dpe\_r - itgen\_lov\_data\_type\_r

|                             |                                     |
|-----------------------------|-------------------------------------|
| Code                        | dpe_r                               |
| Name                        | itgen_lov_data_type_r               |
| Definition                  | Reporting view                      |
| Example                     | None.                               |
| Autocompleted               | <input type="checkbox"/>            |
| Create                      | <input checked="" type="checkbox"/> |
| Optimizer Hint              |                                     |
| Order by Clause             |                                     |
| User May Delete             | <input type="checkbox"/>            |
| User May Insert             | <input type="checkbox"/>            |
| User May Select             | <input checked="" type="checkbox"/> |
| User May Update             | <input type="checkbox"/>            |
| Additional Select Clause    |                                     |
| Additional Where Clause     |                                     |
| Documentation               |                                     |
| Label Singular              | Data Type ({res:itgen_data_type})   |
| Label Singular as Reference | Data Type ({res:itgen_data_type})   |
| Label Plural                | Data Types ({res:itgen_data_types}) |
| Label Plural as Reference   | Data Types ({res:itgen_data_types}) |
| Hard Coded Definition       |                                     |

```

select cve_id id
,      cve_code code
,      itgen#translations.translate_keys(cve_description) label
,      cve_sorting_order
from   itgen_code_values_v
where  cde_code = 'itgen_lov_data_type_r'
    
```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-Idc - itgen\_lov\_delete\_rule\_r

|                             |  |
|-----------------------------|--|
| Code                        | Idc  |
| Name                        | itgen_lov_delete_rule_r  |
| Definition                  | A discrete list of types of possible actions on delete on a table. |
| Example                     | The data category 'C' stands for 'Cascade'.                        |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                                |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                                |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Delete Rule Category ({res:itgen_delete_rule_category})            |
| Label Singular as Reference | Delete Rule Category ({res:itgen_delete_rule_category})            |
| Label Plural                | Delete Rule Categories ({res:itgen_delete_rule_categories})        |
| Label Plural as Reference   | Delete Rule Categories ({res:itgen_delete_rule_categories})        |
| Hard Coded Definition       |  |

```
select cve_id id
,      cve_code code
,      itgen#translations.translate_keys(cve_description) label
,      cve_sorting_order
from   itgen_code_values_v
where  cde_code = 'itgen_lov_delete_rule_r'
```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-ley - itgen\_lov\_evt\_category\_r

|                             |   |
|-----------------------------|---|
| Code                        | ley   |
| Name                        | itgen_lov_evt_category_r                                  |
| Definition                  | A discrete list of types of events for an attribute rule. |
| Example                     | The event 'I' is an 'insert'.                             |
| Autocompleted               | <input type="checkbox"/>                                  |
| Create                      | <input checked="" type="checkbox"/>                       |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                                  |
| User May Insert             | <input type="checkbox"/>                                  |
| User May Select             | <input checked="" type="checkbox"/>                       |
| User May Update             | <input type="checkbox"/>                                  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Event Category ({res:itgen_event_category})               |
| Label Singular as Reference | Event Category ({res:itgen_event_category})               |
| Label Plural                | Event Categories ({res:itgen_event_categories})           |
| Label Plural as Reference   | Event Categories ({res:itgen_event_categories})           |
| Hard Coded Definition       |   |

```
select cve_id id
,      cve_code code
,      itgen#translations.translate_keys(cve_description) label
,      cve_sorting_order
from   itgen_code_values_v
where  cde_code = 'itgen_lov_evt_category_r'
```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-mtw\_r - itgen\_master\_table\_per\_view\_r

|                             |   |
|-----------------------------|---|
| Code                        | mtw_r   |
| Name                        | itgen_master_table_per_view_r                               |
| Definition                  | Reporting view  |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>                                    |
| Create                      | <input checked="" type="checkbox"/>                         |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                                    |
| User May Insert             | <input type="checkbox"/>                                    |
| User May Select             | <input checked="" type="checkbox"/>                         |
| User May Update             | <input type="checkbox"/>                                    |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Master Table per View ({res:itgen_master_table_per_view})   |
| Label Singular as Reference | Master Table per View ({res:itgen_master_table_per_view})   |
| Label Plural                | Master Tables per View ({res:itgen_master_tables_per_view}) |
| Label Plural as Reference   | Master Tables per View ({res:itgen_master_tables_per_view}) |
| Hard Coded Definition       |   |

```

select vet.viw_code
,      vet.viw_name
,      vet.apn_viw_code
,      vet.tbe_code
,      vet.apn_tbe_code
,      vet.tbe_id
,      vet.viw_id
,      vet.tbe_is_interface_flag
,      vet.tbe_data_category
,      vet.tbe_derived_flag
from   itgen_view_elements_v vet
where  vet.vet_seq
=
( select min(vet_min.seq)
  from   itgen_view_elements vet_min
  where  vet_min.viw_id = vet.viw_id
)

```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-mde\_r - itgen\_mde\_picklist\_r

|                             |  |
|-----------------------------|--|
| Code                        | mde_r  |
| Name                        | itgen_mde_picklist_r   |
| Definition                  | Reporting view for use a picklist of modules available in the GUI. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                                |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                                |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Module ({res:itgen_module})  |
| Label Singular as Reference | Module ({res:itgen_module})  |
| Label Plural                | Modules ({res:itgen_modules})                                      |
| Label Plural as Reference   | Modules ({res:itgen_modules})                                      |
| Hard Coded Definition       |  |

```
select mde.mde_id id
,      mde.mde_nk code
,      mde.mde_id
,      mde.mde_code
,      mde.mde_label
from   itgen_modules_v mde
order
by     mde.apn_code
,      mde.mde_code
```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-mle\_r - itgen\_mle\_picklist\_r

|                             |   |
|-----------------------------|---|
| Code                        | mle_r   |
| Name                        | itgen_mle_picklist_r  |
| Definition                  | Reporting view for use a picklist of module languages available in the GUI. |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Module Language ({res:itgen_module_language})                               |
| Label Singular as Reference | Module Language ({res:itgen_module_language})                               |
| Label Plural                | Module Languages ({res:itgen_module_languages})                             |
| Label Plural as Reference   | Module Languages ({res:itgen_module_languages})                             |
| Hard Coded Definition       |   |

```
select mle.mle_id id
,      mle.mle_code code
,      mle.mle_id
,      mle.mle_code
,      mle.mle_label
from   itgen_module_languages_v mle
order
by     mle.mle_code
```



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 Function: itgen\_datamodel\_pdf\_rpt

**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-mle - itgen\_module\_languages\_v**

|                             |   |
|-----------------------------|---|
| Code                        | mle   |
| Name                        | itgen_module_languages_v                                    |
| Definition                  | See itgen_module_languages.                                 |
| Example                     | See itgen_module_languages.                                 |
| Autocompleted               | <input type="checkbox"/>                                    |
| Create                      | <input checked="" type="checkbox"/>                         |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>                         |
| User May Insert             | <input checked="" type="checkbox"/>                         |
| User May Select             | <input checked="" type="checkbox"/>                         |
| User May Update             | <input checked="" type="checkbox"/>                         |
| Additional Select Clause    | <code>mle.code    ' - '    mle.description mle_label</code> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Module Language ({res:itgen_module_language})               |
| Label Singular as Reference | Module Language ({res:itgen_module_language})               |
| Label Plural                | Module Languages ({res:itgen_module_languages})             |
| Label Plural as Reference   | Module Languages ({res:itgen_module_languages})             |





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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-mle - itgen\_module\_languages\_v

**View Elements**

| Sequence | Table Code                                | Table Name             | Column Name | Joined Column Name | Left Outer Join          |
|----------|---|------------------------|-------------|--------------------|--------------------------|
| 1        | mle                                       | itgen_module_languages |             |                    | <input type="checkbox"/> |
|          | Additional Where Clause Reference Columns |                        |             |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-mde - itgen\_modules\_v**

|                             |  |
|-----------------------------|--|
| Code                        | mde  |
| Name                        | itgen_modules_v  |
| Definition                  | See itgen_modules.   |
| Example                     | See itgen_modules.   |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input checked="" type="checkbox"/>  |
| Additional Select Clause    | <code>apn.code    '.'    mde.code    ' - '    mde.description mde_label<br/>             , itgen#translations.translate_keys(mde.description) mde_description_i18n<br/>             , mde.id mde_volledige_code</code> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Module ({res:itgen_module})  |
| Label Singular as Reference | Module ({res:itgen_module})  |
| Label Plural                | Modules ({res:itgen_modules})  |
| Label Plural as Reference   | Modules ({res:itgen_modules})  |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-mde - itgen\_modules\_v

**View Elements**

| Sequence | Table Code | Table Name                                   | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|--|--------------|--------------------|--------------------------|
| 1        | mde        | itgen_modules                                |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 2        | apn        | itgen_applications                           | itgen.apn.id | mde.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 3        | mle        | itgen_module_languages                       | itgen.mle.id | mde.mle_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

itgen-mve - itgen\_module\_view\_usages\_v

|                             |  |
|-----------------------------|--|
| Code                        | mve  |
| Name                        | itgen_module_view_usages_v   |
| Definition                  | See itgen_module_view_usages.  |
| Example                     | See itgen_module_view_usages.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input checked="" type="checkbox"/>  |
| Additional Select Clause    | <pre> apn_mde.code    '.'    mde.code    '.'    apn_viw.code    '.'    viw.code    ' - '    mde. description    ' - '    viw.name mve_label , itgen#translations.translate_keys(mde.description) mde_description_i18n , mde.id mde_volledige_code                     </pre> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Module View Usage ({res:itgen_module_view_usage})  |
| Label Singular as Reference | Module View Usage ({res:itgen_module_view_usage})  |
| Label Plural                | Module View Usages ({res:itgen_module_view_usages})  |
| Label Plural as Reference   | Module View Usages ({res:itgen_module_view_usages})  |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

itgen-mve - itgen\_module\_view\_usages\_v

**View Elements**

| Sequence | Table Code | Table Name                                   | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|--|--------------|--------------------|--------------------------|
| 1        | mve        | itgen_module_view_usages                     |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 2        | mde        | itgen_modules                                | itgen.mde.id | mve.mde_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 3        | mle        | itgen_module_languages                       | itgen.mle.id | mde.mle_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 4        | apn        | itgen_applications                           | itgen.apn.id | mde.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 5        | viw        | itgen_views                                  | itgen.viw.id | mve.viw_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 6        | apn        | itgen_applications                           | itgen.apn.id | viw.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |



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## Applications

## itgen - Invantive Producer

## Database Views

## itgen-nkn - itgen\_natural\_key\_columns\_r

|                             |   |
|-----------------------------|---|
| Code                        | nkn   |
| Name                        | itgen_natural_key_columns_r                           |
| Definition                  | List of natural key columns per table.                |
| Example                     | TODO aliases met postfix                              |
| Autocompleted               | <input type="checkbox"/>                              |
| Create                      | <input checked="" type="checkbox"/>                   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                              |
| User May Insert             | <input type="checkbox"/>                              |
| User May Select             | <input checked="" type="checkbox"/>                   |
| User May Update             | <input type="checkbox"/>                              |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Natural Key Column ({res:itgen_natural_key_column})   |
| Label Singular as Reference | Natural Key Column ({res:itgen_natural_key_column})   |
| Label Plural                | Natural Key Columns ({res:itgen_natural_key_columns}) |
| Label Plural as Reference   | Natural Key Columns ({res:itgen_natural_key_columns}) |
| Hard Coded Definition       |   |

```
( select idx.apn_code
      ,   idx.tbe_name
      ,   icn.tcn_name
      ,   icn.icn_position
      ,   'table' category
      ,   icn.tcn_data_type
      ,   case
            when icn.tcn_data_type in ('char', 'varchar2', 'bfile')
            then '' -- No conversion necessary.
            when icn.tcn_data_type in ('date', 'datetime', 'number')
            then 'to_char('
            else '' -- Currently unknown datatype.
            end
      ,   tcn_prefix_format
      ,   case
            when icn.tcn_data_type in ('char', 'varchar2', 'bfile')
            then '' -- No conversion necessary.
            when icn.tcn_data_type in ('date', 'datetime', 'number')
            then 'to_char('
            else '' -- Currently unknown datatype.
            end
      ,   tcn_prefix_format_sqlldr_data
      ,   cast(' as varchar2(1))
      ,   tcn_prefix_format_sqlldr_head
      ,   case
            when icn.tcn_data_type in ('char', 'varchar2', 'bfile')
            then '' -- No conversion necessary.
            when icn.tcn_data_type = 'date'
            then ', 'DD-MM-YYYY')'
            when icn.tcn_data_type = 'datetime'
            then ', 'DD-MM-YYYY HH24:MI:SS')'
            when icn.tcn_data_type = 'number'
            then ', 'fm'
            || itgen_utilities.add_grouping_characters(lpad('0', tcn_data_precision -
tcn_data_scale, '9'))
            || case
                  when tcn_data_scale <> 0
                  then 'D'
                  || rpad('0', tcn_data_scale, '0')
                  end
            || ''')'
      ,   else '' -- Currently unknown datatype.
      end
```



## Applications

itgen - Invantive Producer

## Database Views

itgen-nkn - itgen\_natural\_key\_columns\_r

```

tcn_postfix_format
,
case
when icn.tcn_data_type in ('char', 'varchar2', 'bfile')
then '' -- No conversion necessary.
when icn.tcn_data_type = 'date'
then ', ' || 'YYYYMMDD' || ''
when icn.tcn_data_type = 'datetime'
then ', ' || 'YYYYMMDDHH24MISS' || ''
when icn.tcn_data_type = 'number'
then ', ' || 'TM9', 'NLS_NUMERIC_CHARACTERS = ''', '' || ''
else '' -- Currently unknown datatype.
end
tcn_postfix_format_sqlldr_data
,
case
when icn.tcn_data_type = 'date'
then ' date external ' || 'YYYYMMDD' || ''
when icn.tcn_data_type = 'datetime'
then ' date external ' || 'YYYYMMDDHH24MISS' || ''
when icn.tcn_data_type = 'varchar2'
then ' char(' || to_char(icn.tcn_data_length) || ') '
when icn.tcn_data_length_type = 'C'
then ' char(' || to_char(icn.tcn_data_length) || ') '
when icn.tcn_data_type = 'number'
then ' decimal external(' || to_char(icn.tcn_data_precision) || ') '
else ''
end
tcn_postfix_format_sqlldr_head

from itgen_indexes_v idx
join itgen_index_columns_v icn
on icn.idx_id = idx.idx_id
where idx.idx_unique_flag = 'Y'
and idx.idx_name like '%nk'

minus
select icn.apn_idx_code
, icn.tbe_idx_name
, icn.tcn_name
, icn.icn_position
, 'table' category
, icn.tcn_data_type
,
case
when icn.tcn_data_type in ('char', 'varchar2', 'bfile')
then '' -- No conversion necessary.
when icn.tcn_data_type in ('date', 'datetime', 'number')
then 'to_char('
else '' -- Currently unknown datatype.
end
tcn_prefix_format
,
case
when icn.tcn_data_type in ('char', 'varchar2', 'bfile')
then '' -- No conversion necessary.
when icn.tcn_data_type in ('date', 'datetime', 'number')
then 'to_char('
else '' -- Currently unknown datatype.
end
tcn_prefix_format_sqlldr_data
,
''
tcn_prefix_format_sqlldr_head
,
case
when icn.tcn_data_type in ('char', 'varchar2', 'bfile')
then '' -- No conversion necessary.
when icn.tcn_data_type = 'date'
then ', ' || 'DD-MM-YYYY' || ''
when icn.tcn_data_type = 'datetime'
then ', ' || 'DD-MM-YYYY HH24:MI:SS' || ''
when icn.tcn_data_type = 'number'
then ', ' || 'fm'

```



## Applications

itgen - Invantive Producer

## Database Views

itgen-nkn - itgen\_natural\_key\_columns\_r

```

        || itgen_utilities.add_grouping_characters(lpad('0', tcn_data_precision -
tcn_data_scale, '9'))
        || case
            when tcn_data_scale <> 0
            then 'D'
            || rpad('0', tcn_data_scale, '0')
            end
        || ''')'
    else '' -- Currently unknown datatype.
    end
    tcn_postfix_format
  ,
    case
    when icn.tcn_data_type in ('char', 'varchar2', 'bfile')
    then '' -- No conversion necessary.
    when icn.tcn_data_type = 'date'
    then ''YYYYMMDD''')'
    when icn.tcn_data_type = 'datetime'
    then ''YYYYMMDDHH24MISS''')'
    when icn.tcn_data_type = 'number'
    then ''TM9', 'NLS_NUMERIC_CHARACTERS = ''',',''''''')'
    else '' -- Currently unknown datatype.
    end
    tcn_postfix_format_sqlldr_data
  ,
    case
    when icn.tcn_data_type = 'date'
    then ' date external 'YYYYMMDD''
    when icn.tcn_data_type = 'datetime'
    then ' date external 'YYYYMMDDHH24MISS''
    when icn.tcn_data_type = 'varchar2'
    then ' char(' || to_char(icn.tcn_data_length) || ') '
    when icn.tcn_data_length_type = 'C'
    then ' char(' || to_char(icn.tcn_data_length) || ') '
    when icn.tcn_data_type = 'number'
    then ' decimal external(' || to_char(icn.tcn_data_precision) || ') '
    else ''
    end
    tcn_postfix_format_sqlldr_head

    from   itgen_index_columns_v icn
    where  icn.idx_unique_flag = 'Y'
    and    icn.idx_name like '%nk'
    and    icn.tcn_name = 'id'
  )

union all
--
-- For views, we assume that a code column is the natural key
-- if one exists.
--
-- We need to handle views sometimes, because a table can be joined
-- to a view with a "real" join (as opposed to an artificial join
-- such as tab.c1=tab.c1). An example is the resolution of
-- views based upon code values.
--
select lower(substr(tcn.table_name, 1, instr(tcn.table_name, '_') - 1))
,       lower(tcn.table_name)
,       lower(tcn.column_name)
,       tcn.column_id
,       'lov'
,       case
    when tcn.data_type = 'BFILE'
    then 'bfile'
    when tcn.data_type = 'NUMBER'
    then 'number'
    when tcn.data_type = 'DATE'
    then 'datetime'
    when tcn.data_type = 'LONG'
    then 'long' -- Not supported.

```





## Applications

itgen - Invantive Producer

## Database Views

itgen-nkn - itgen\_natural\_key\_columns\_r

```

when tcn.data_type = 'CHAR'
then 'char'
when tcn.data_type = 'VARCHAR2'
then 'varchar2'
when tcn.data_type = 'ROWID'
then 'rowid' -- Not supported.
else lower(tcn.data_type) -- Not supported.
end
,
case
when tcn.data_type in ('CHAR', 'VARCHAR2', 'BFILE')
then '' -- No conversion necessary.
when tcn.data_type in ('DATE', 'NUMBER')
then 'to_char('
else '' -- Currently unknown datatype.
end
tcn_prefix_format
,
case
when tcn.data_type in ('CHAR', 'VARCHAR2', 'BFILE')
then '' -- No conversion necessary.
when tcn.data_type in ('DATE', 'NUMBER')
then 'to_char('
else '' -- Currently unknown datatype.
end
tcn_prefix_format_sqlldr_data
,
tcn_prefix_format_sqlldr_head
,
case
when tcn.data_type in ('CHAR', 'VARCHAR2', 'BFILE')
then '' -- No conversion necessary.
when tcn.data_type = 'DATE'
then ', 'DD-MM-YYYY HH24:MI:SS')'
when tcn.data_type = 'NUMBER'
then ', 'FM'
|| itgen_utilities.add_grouping_characters(lpad('0', tcn.data_precision -
tcn.data_scale, '9'))
|| case
when tcn.data_scale <> 0
then 'D'
|| rpad('0', tcn.data_scale, '0')
end
|| ''')'
else '' -- Currently unknown datatype.
end
tcn_postfix_format
,
case
when tcn.data_type in ('CHAR', 'VARCHAR2', 'BFILE')
then '' -- No conversion necessary.
when tcn.data_type = 'DATE'
then ''YYYYMMDDHH24MISS')'
when tcn.data_type = 'NUMBER'
then ''TM9', 'NLS_NUMERIC_CHARACTERS = ''', ''')'
else '' -- Currently unknown datatype.
end
tcn_postfix_format_sqlldr_data
,
case
when tcn.data_type = 'DATE'
then ' date external ''YYYYMMDDHH24MISS''
when tcn.data_type in ('VARCHAR2', 'CHAR')
then ' char(' || to_char(tcn.data_length) || ') '
when tcn.char_used = 'C'
then ' char(' || to_char(tcn.data_length) || ') '
when tcn.data_type = 'NUMBER'
then ' decimal external(' || to_char(coalesce(tcn.data_precision, 40)) || ') '
else ''
end
tcn_postfix_format_sqlldr_head

from user_tab_columns tcn
where tcn.column_name = 'CODE'

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-nkn - itgen\_natural\_key\_columns\_r

```
and      tcn.table_name like '%@_R' escape '@'
--
-- We expect a view that contains an underscore after the application name. Otherwise
this query would
-- also return bubspXXX views.
--
and      substr(tcn.table_name, 1, instr(tcn.table_name, '_')) in ( select upper(apn.
apn_code) || '_' from itgen_applications_v apn )
and      lower(tcn.table_name) not in
( select idx.tb_name
  from   itgen_indexes_v idx
  where  idx.idx_unique_flag = 'Y'
  and    idx.idx_name      like '%nk'
)
```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-ocm\_r - itgen\_object\_checksums\_r

|                             |   |
|-----------------------------|---|
| Code                        | ocm_r   |
| Name                        | itgen_object_checksums_r                        |
| Definition                  | Reporting view                                  |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>                        |
| Create                      | <input checked="" type="checkbox"/>             |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                        |
| User May Insert             | <input type="checkbox"/>                        |
| User May Select             | <input checked="" type="checkbox"/>             |
| User May Update             | <input type="checkbox"/>                        |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Object Checksum ({res:itgen_object_checksum})   |
| Label Singular as Reference | Object Checksum ({res:itgen_object_checksum})   |
| Label Plural                | Object Checksums ({res:itgen_object_checksums}) |
| Label Plural as Reference   | Object Checksums ({res:itgen_object_checksums}) |
| Hard Coded Definition       |   |

```

select name
,      type
,      sum
      ( length
        ( translate
          ( substr(text, 1, 2000)
            , 'x' || chr(10) || chr(13) || chr(9) || chr(32)
            , 'x'
          )
        )
      * line
      ) line_checksum
,      sum
      ( to_number
        ( rawtohex
          ( dbms_crypto.hash
            ( translate
              ( utl_raw.cast_to_raw(substr(text, 1, 2000))
                , 'x' || chr(10) || chr(13) || chr(9) || chr(32)
                , 'x'
              )
            , 2 /* MD5 */
          )
        )
      , 'XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX'
      )
      * line
      ) md5_checksum
from   user_source
group  by
      name
,      type

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-ode\_r - itgen\_object\_definitions\_r

|                             |   |
|-----------------------------|---|
| Code                        | ode_r   |
| Name                        | itgen_object_definitions_r  |
| Definition                  | Reporting view with the code behind stored objects, consisting of procedures, functions, triggers and packages. |
| Example                     | The view 'BUBS_OBJECTEN_R' will be listed.  |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Definition ({res:itgen_definition})   |
| Label Singular as Reference | Definition ({res:itgen_definition})   |
| Label Plural                | Definitions ({res:itgen_definitions})   |
| Label Plural as Reference   | Definitions ({res:itgen_definitions})   |
| Hard Coded Definition       |   |

```

select /*+ no_merge(sma) ordered */ sma.name || '-' || o.name || '-' || to_char(s.line,
'FM999G999G990') ode_nk
,      o.obj# * 10000 + s.line ode_id
,      sma.name ojt_owner
,      o.name ojt_name
,      decode
( o.type#
, 7, 'PROCEDURE'
, 8, 'FUNCTION'
, 9, 'PACKAGE'
, 11, 'PACKAGE BODY'
, 12, 'TRIGGER'
, 13, 'TYPE'
, 14, 'TYPE BODY'
)
      ojt_type
,      o.ctime ojt_created
,      o.mtime ojt_last_ddl_time
,      o.stime ojt_timestamp
,      decode(o.status, 0, null, 1, 'Y', 'N') ojt_valid_flag
,      s.line ode_line
,      s.source ode_text
from    itgen_schemas_r sma
,      sys.obj$ o
,      sys.source$ s
where   o.owner# = sma.owner#
and     o.obj# = s.obj#
and     o.linkname is null
and     ( o.type# in (7, 8, 9, 11, 12, 14)
        or
        ( o.type# = 13 and o.subname is null
        )
        )
and     o.name != '_NEXT_OBJECT'
and     o.name != '_default_auditing_options_'

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-oon\_r - itgen\_object\_origin\_r

|                             |  |
|-----------------------------|--|
| Code                        | oon_r  |
| Name                        | itgen_object_origin_r                            |
| Definition                  | Versions of the objects installed on the server. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>                         |
| Create                      | <input checked="" type="checkbox"/>              |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>                         |
| User May Insert             | <input type="checkbox"/>                         |
| User May Select             | <input checked="" type="checkbox"/>              |
| User May Update             | <input type="checkbox"/>                         |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Object Origin ({res:itgen_object_origin})        |
| Label Singular as Reference | Object Origin ({res:itgen_object_origin})        |
| Label Plural                | Object Origins ({res:itgen_object_origins})      |
| Label Plural as Reference   | Object Origins ({res:itgen_object_origins})      |
| Hard Coded Definition       |  |

```

select 1 id
,      'READONLY' code
,      regexp_replace(regexp_replace(ovn_r.column_value, '.*: .Header: ', ''), '/ddl.*',
'' ) origin
,      min(regexp_replace(ovn_r.column_value, '.*: .Header: [^ ]+ ([0-9]+) .*', '\1'))
version_min
,      max(regexp_replace(ovn_r.column_value, '.*: .Header: [^ ]+ ([0-9]+) .*', '\1'))
version_max
from   itgen_object_versions_r ovn_r
where  ovn_r.column_value not like '%: ?'
and    ovn_r.column_value not like 'Could not%'
group  by   regexp_replace(regexp_replace(ovn_r.column_value, '.*: .Header: ', ''), '/ddl.*',
'' )

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-ojt\_r - itgen\_objects\_r

|                             |   |
|-----------------------------|---|
| Code                        | ojt_r   |
| Name                        | itgen_objects_r   |
| Definition                  | Reporting view with the stored objects, consisting of tables, views, indexes and sequences. |
| Example                     | The view 'BUBS_OBJECTEN_R' will be listed.  |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Object ({res:itgen_object})   |
| Label Singular as Reference | Object ({res:itgen_object})   |
| Label Plural                | Objects ({res:itgen_objects})   |
| Label Plural as Reference   | Objects ({res:itgen_objects})   |
| Hard Coded Definition       |   |

```

select o.obj# ojt_id
,      o.obj# id
,      o.obj# code
,      u.name || '-' || o.name ojt_nk
,      u.name ojt_owner
,      o.name ojt_name
,      decode
( o.type#
, 0, 'NEXT OBJECT'
, 1, 'INDEX'
, 2, 'TABLE'
, 3, 'CLUSTER'
, 4, 'VIEW'
, 5, 'SYNONYM'
, 6, 'SEQUENCE'
, 7, 'PROCEDURE'
, 8, 'FUNCTION'
, 9, 'PACKAGE'
, 11, 'PACKAGE BODY'
, 12, 'TRIGGER'
, 13, 'TYPE'
, 14, 'TYPE BODY'
, 19, 'TABLE PARTITION'
, 20, 'INDEX PARTITION'
, 21, 'LOB'
, 22, 'LIBRARY'
, 23, 'DIRECTORY'
, 24, 'QUEUE'
, 28, 'JAVA SOURCE'
, 29, 'JAVA CLASS'
, 30, 'JAVA RESOURCE'
, 32, 'INDEXTYPE'
, 33, 'OPERATOR'
, 34, 'TABLE SUBPARTITION'
, 35, 'INDEX SUBPARTITION'
, 40, 'LOB PARTITION'
, 41, 'LOB SUBPARTITION'
, 42, nvl
( ( select distinct 'REWRITE EQUIVALENCE'
from sys.sum$ s
where s.obj#=o.obj#
and bitand(s.xpflags, 8388608) = 8388608
)
)

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-ojt\_r - itgen\_objects\_r

```

        , 'MATERIALIZED VIEW'
      )
    , 43, 'DIMENSION'
    , 44, 'CONTEXT'
    , 46, 'RULE SET'
    , 47, 'RESOURCE PLAN'
    , 48, 'CONSUMER GROUP'
    , 51, 'SUBSCRIPTION'
    , 52, 'LOCATION'
    , 55, 'XML SCHEMA'
    , 56, 'JAVA DATA'
    , 57, 'SECURITY PROFILE'
    , 59, 'RULE'

    , 60, 'CAPTURE'
    , 61, 'APPLY'
    , 62, 'EVALUATION CONTEXT'
    , 66, 'JOB'
    , 67, 'PROGRAM'
    , 68, 'JOB CLASS'
    , 69, 'WINDOW'
    , 72, 'WINDOW GROUP'
    , 74, 'SCHEDULE'
    , 'UNDEFINED'
  )
  ojt_type
,   o.ctime ojt_created
,   o.mtime ojt_last_ddl_time
,   o.stime ojt_timestamp
,   decode(o.status, 0, null, 1, 'Y', 'N') ojt_valid_flag
from sys.obj$ o
,   sys.user$ u
where o.owner# = u.user#
and   o.linkname is null
and   ( o.type# not in (1, 10)
      or
        ( o.type# = 1
          and
            1 = ( select 1
                  from   sys.ind$ i
                  where  i.obj# = o.obj#
                  and    i.type# in (1, 2, 3, 4, 6, 7, 9)
                )
        )
      )
)
and   o.name != '_NEXT_OBJECT'
and   o.name != '_default_auditing_options_'
and   o.owner# in ( select owner# from itgen_schemas_r )

```

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## Applications

itgen - Invantive Producer

## Database Views

itgen-ote\_r - itgen\_object\_tree\_changes\_r

|                             |   |
|-----------------------------|---|
| Code                        | ote_r   |
| Name                        | itgen_object_tree_changes_r   |
| Definition                  |   |
| Example                     | Overview of dependencies between a master object and all objects used by it. It can be used to analyze the reason why a project version views must be recalculated. |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Object Tree Change ({res:itgen_object_tree_change})   |
| Label Singular as Reference | Object Tree Change ({res:itgen_object_tree_change})   |
| Label Plural                | Object Tree Changes ({res:itgen_object_tree_changes})   |
| Label Plural as Reference   | Object Tree Changes ({res:itgen_object_tree_changes})   |
| Hard Coded Definition       |   |

```

select o_master.obj#      ojt#
,      o_master.name      ojt_name
,      o_mtime            ojt_ref_mtime
,      o_name             ojt_ref_name
,      o_owner#          ojt_ref_owner#
,      decode
(
  o.type#
, 0, 'NEXT OBJECT'
, 1, 'INDEX'
, 2, 'TABLE'
, 3, 'CLUSTER'
, 4, 'VIEW'
, 5, 'SYNONYM'
, 6, 'SEQUENCE'
, 7, 'PROCEDURE'
, 8, 'FUNCTION'
, 9, 'PACKAGE'
, 11, 'PACKAGE BODY'
, 12, 'TRIGGER'
, 13, 'TYPE'
, 14, 'TYPE BODY'
, 19, 'TABLE PARTITION'
, 20, 'INDEX PARTITION'
, 21, 'LOB'
, 22, 'LIBRARY'
, 23, 'DIRECTORY'
, 24, 'QUEUE'
, 28, 'JAVA SOURCE'
, 29, 'JAVA CLASS'
, 30, 'JAVA RESOURCE'
, 32, 'INDEXTYPE'
, 33, 'OPERATOR'
, 34, 'TABLE SUBPARTITION'
, 35, 'INDEX SUBPARTITION'
, 40, 'LOB PARTITION'
, 41, 'LOB SUBPARTITION'
, 42, nvl
(
  ( select 'REWRITE EQUIVALENCE'
    from   sys.sum$ s
    where  s.obj# = o.obj#
    and    bitand ( s.xpflags, 8388608 ) = 8388608 ), 'MATERIALIZED VIEW'
)

```





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## Applications

itgen - Invantive Producer

## Database Views

itgen-ote\_r - itgen\_object\_tree\_changes\_r

```

, 43, 'DIMENSION'
, 44, 'CONTEXT'
, 46, 'RULE SET'
, 47, 'RESOURCE PLAN'
, 48, 'CONSUMER GROUP'
, 51, 'SUBSCRIPTION'
, 52, 'LOCATION'
, 55, 'XML SCHEMA'
, 56, 'JAVA DATA'
, 57, 'EDITION'
, 59, 'RULE'
, 60, 'CAPTURE'
, 61, 'APPLY'
, 62, 'EVALUATION CONTEXT'
, 66, 'JOB'
, 67, 'PROGRAM'
, 68, 'JOB CLASS'
, 69, 'WINDOW'
, 72, 'WINDOW GROUP'
, 74, 'SCHEDULE'
, 79, 'CHAIN'
, 81, 'FILE GROUP'
, 82, 'MINING MODEL'
, 87, 'ASSEMBLY'
, 90, 'CREDENTIAL'
, 92, 'CUBE DIMENSION'
, 93, 'CUBE'
, 94, 'MEASURE FOLDER'
, 95, 'CUBE BUILD PROCESS'
, 'UNDEFINED'
)
ojt_ref_type

from sys.obj$ o
,
  ( /* All dependencies from the object if there are any. */
    select distinct connect_by_root d_obj# obj#, dep.p_obj# obj_ref#
    from sys.dependency$ dep
    connect
    by nocycle dep.d_obj# = prior dep.p_obj#
    start
    with dep.d_obj# in ( select obj.obj# from itgen_schemas_r sma, sys.obj$ obj
where obj.owner# = sma.owner# )
    union all /* Union all allowed, 'in' ignores duplicates. */
    /* The object itself. */
    select obj.obj#
    , obj.obj#
    from itgen_schemas_r sma
    , sys.obj$ obj
    where obj.owner# = sma.owner#
    ) deps
, sys.obj$ o_master

where o_master.obj# = deps.obj#
and o.obj# = deps.obj_ref#

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-ove\_r - itgen\_object\_versions\_r

|                             |  |
|-----------------------------|--|
| Code                        | ove_r  |
| Name                        | itgen_object_versions_r  |
| Definition                  | Reporting view which provides the versions of all objects in the database, as far as they can be determined. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Object Version ({res:itgen_object_version})  |
| Label Singular as Reference | Object Version ({res:itgen_object_version})  |
| Label Plural                | Object Versions ({res:itgen_object_versions})  |
| Label Plural as Reference   | Object Versions ({res:itgen_object_versions})  |
| Hard Coded Definition       |  |

```
select column_value
from table(itgen_object_versions.get_versions)
```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-pld\_r - itgen\_pre\_load\_r

|                             |                                       |
|-----------------------------|---------------------------------------|
| Code                        | pld_r                                 |
| Name                        | itgen_pre_load_r                      |
| Definition                  | Reporting view                        |
| Example                     | None.                                 |
| Autocompleted               | <input type="checkbox"/>              |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |                                       |
| Order by Clause             |                                       |
| User May Delete             | <input type="checkbox"/>              |
| User May Insert             | <input type="checkbox"/>              |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>              |
| Additional Select Clause    |                                       |
| Additional Where Clause     |                                       |
| Documentation               |                                       |
| Label Singular              | Loading Action ({res:itgen_pre_load}) |
| Label Singular as Reference | Loading Action ({res:itgen_pre_load}) |
| Label Plural                | Loading Action ({res:itgen_pre_load}) |
| Label Plural as Reference   | Loading Action ({res:itgen_pre_load}) |
| Hard Coded Definition       |                                       |

```

select 1 id
,      'X' code
,      cast('SELECT AN APPROPRIATE ACTION' as varchar2(255)) action_requested
,      cast('PARAMETER1' as varchar2(255)) action_parameter1
,      cast('PARAMETER2' as varchar2(255)) action_parameter2
,      cast('PARAMETER3' as varchar2(255)) action_parameter3
,      cast('PARAMETER4' as varchar2(255)) action_parameter4
,      cast('PARAMETER5' as varchar2(255)) action_parameter5
,      cast('PARAMETER6' as varchar2(255)) action_parameter6
,      cast('PARAMETER7' as varchar2(255)) action_parameter7
,      cast('PARAMETER8' as varchar2(255)) action_parameter8
,      cast('PARAMETER9' as varchar2(255)) action_parameter9
,      cast('PARAMETER10' as varchar2(255)) action_parameter10
,      cast('PARAMETER11' as varchar2(255)) action_parameter11
,      cast('PARAMETER12' as varchar2(255)) action_parameter12
,      cast('PARAMETER13' as varchar2(255)) action_parameter13
,      cast('PARAMETER14' as varchar2(255)) action_parameter14
,      cast('PARAMETER15' as varchar2(255)) action_parameter15
,      cast('PARAMETER16' as varchar2(255)) action_parameter16
,      cast('PARAMETER17' as varchar2(255)) action_parameter17
,      cast('PARAMETER18' as varchar2(255)) action_parameter18
,      cast('PARAMETER19' as varchar2(255)) action_parameter19
,      cast('PARAMETER20' as varchar2(255)) action_parameter20
,      cast('PARAMETER21' as varchar2(255)) action_parameter21
,      cast('PARAMETER22' as varchar2(255)) action_parameter22
,      cast('PARAMETER23' as varchar2(255)) action_parameter23
,      cast('PARAMETER24' as varchar2(255)) action_parameter24
,      cast('PARAMETER25' as varchar2(255)) action_parameter25
,      cast('PARAMETER26' as varchar2(255)) action_parameter26
,      cast('PARAMETER27' as varchar2(255)) action_parameter27
,      cast('PARAMETER28' as varchar2(255)) action_parameter28
,      cast('PARAMETER29' as varchar2(255)) action_parameter29
,      cast('PARAMETER30' as varchar2(255)) action_parameter30
from    itgen_dual dal /* Initially during bootstrapping there are NO rows in this view.
*/

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-iqv\_r - itgen\_qt\_viewlist\_r

|                             |  |
|-----------------------------|--|
| Code                        | iqv_r  |
| Name                        | itgen_qt_viewlist_r  |
| Definition                  | Reporting view with all the business views of all Invantive Producer installations in this database. |
| Example                     | itgen_views_v, bubs_codes_v  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Business object ({res:itgen_business_object})  |
| Label Singular as Reference | Business object ({res:itgen_business_object})  |
| Label Plural                | Business Objects ({res:itgen_business_objects})  |
| Label Plural as Reference   | Business Objects ({res:itgen_business_objects})  |
| Hard Coded Definition       |  |

```

select cln.viw_id id
,      cln.viw_code code
,      cln.viw_name
,      cln.tbl_definition
,      cln.tbl_example
,      cln.viw_label_singular_i18n
,      cln.viw_label_plural_i18n
,      cln.apn_code
from   itgen_columns_r cln
where  cln.viw_name is not null
group
by     cln.viw_id
,      cln.viw_code
,      cln.viw_name
,      cln.tbl_definition
,      cln.tbl_example
,      cln.viw_label_singular_i18n
,      cln.viw_label_plural_i18n
,      cln.apn_code

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-rct - itgen\_ref\_constraints\_v

|                             |   |
|-----------------------------|---|
| Code                        | rct   |
| Name                        | itgen_ref_constraints_v   |
| Definition                  | Referential relationships between tables.   |
| Example                     | The column 'apn_id' of an entry in 'itgen_tables' refers to an application.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>   |
| User May Insert             | <input checked="" type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input checked="" type="checkbox"/>   |
| Additional Select Clause    | <pre> apn_from.code    '.'    tbe_from.code    '.'    tcn_from.name    '.'    apn_to.code    '.'    tbe_to.code    '.'    tcn_to.name    ' - '    rct.name rct_label , case when rct.role_label is not null then substr(rct.name, 1, length(rct.name) - 3) /* Remove_fk */          '_'          rct.role_label          '_fk' else rct.name end rct_full_name </pre> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Referential Constraint ({res:itgen_ref_constraint})   |
| Label Singular as Reference | Referential Constraint ({res:itgen_ref_constraint})   |
| Label Plural                | Referential Constraints ({res:itgen_ref_constraints})   |
| Label Plural as Reference   | Referential Constraints ({res:itgen_ref_constraints})   |

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-rct - itgen\_ref\_constraints\_v

## View Elements

| Sequence | Table Code | Table Name                                   | Column Name    | Joined Column Name     | Left Outer Join          |
|----------|------------|--|----------------|------------------------|--------------------------|
| 1        | rct        | itgen_ref_constraints                        |                |                        | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |                |                        |                          |
| 2        | tcn        | itgen_table_columns                          | itgen.tcn.id   | rct.tcn_id_from        | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |                |                        |                          |
| 3        | tbe        | itgen_tables                                 | itgen.tbe.id   | tcn_from.tbe_id        | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |                |                        |                          |
| 4        | apn        | itgen_applications                           | itgen.apn.id   | tbe_from.apn_id        | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |                |                        |                          |
| 5        | tcn        | itgen_table_columns                          | itgen.tcn.id   | rct.tcn_id_to          | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |                |                        |                          |
| 6        | tbe        | itgen_tables                                 | itgen.tbe.id   | tcn_to.tbe_id          | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |                |                        |                          |
| 7        | apn        | itgen_applications                           | itgen.apn.id   | tbe_to.apn_id          | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |                |                        |                          |
| 8        | lde        | itgen_lov_delete_rule_r                      | itgen.lde.code | rct.on_delete_category | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |                |                        |                          |



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 Table Column Details:   
 Attribute Rules:   
 Referential Constraints:   
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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-rct\_r - itgen\_ref\_constraints\_vv\_r

|                             |  |
|-----------------------------|--|
| Code                        | rct_r  |
| Name                        | itgen_ref_constraints_vv_r   |
| Definition                  | Reporting view with all inter-referential-constraints relationships in both directions (vice versa). |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Referential Constraint ({res:itgen_ref_constraint})  |
| Label Singular as Reference | Referential Constraint ({res:itgen_ref_constraint})  |
| Label Plural                | Referential Constraints ({res:itgen_ref_constraints})  |
| Label Plural as Reference   | Referential Constraints ({res:itgen_ref_constraints})  |
| Hard Coded Definition       |  |

```

select rct_id * 2 id
,      rct_id * 2 code
,      'FROM' rcv_side
,      apn_from_code apn_code
,      apn_from_id apn_id
,      apn_from_name apn_name
,      apn_to_code apn_other_code
,      apn_to_id apn_other_id
,      apn_to_name apn_other_name
,      lde_code
,      lde_label
,      rct_autocompleted_flag
,      rct_column1
,      rct_column10
,      rct_column2
,      rct_column3
,      rct_column4
,      rct_column5
,      rct_column6
,      rct_column7
,      rct_column8
,      rct_column9
,      rct_column_type
,      rct_created_by
,      rct_created_in
,      rct_create_flag
,      rct_date_created
,      rct_date_intrf_created
,      rct_date_intrf_last_updated
,      rct_date_last_updated
,      rct_display_flag
,      rct_documentation
,      rct_documentation_l
,      rct_full_name
,      rct_id
,      rct_label
,      rct_name
,      rct_nk
,      rct_on_delete_category
,      rct_orig_system_group
,      rct_orig_system_reference
,      rct_role_label
,      rct_session_created

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-rct\_r - itgen\_ref\_constraints\_vv\_r

```

,      rct_session_updated
,      rct_sorting_order
,      rct_transaction_created
,      rct_transaction_updated
,      rct_updated_by
,      rct_updated_in
,      tbe_from_code tbe_code
,      tbe_from_create_flag tbe_create_flag
,      tbe_from_data_category tbe_data_category
,      tbe_from_default_ref_columns tbe_default_ref_columns
,      tbe_from_definition tbe_definition
,      tbe_from_derived_flag tbe_derived_flag
,      tbe_from_example tbe_example
,      tbe_from_id tbe_id
,      tbe_from_is_interface_flag tbe_is_interface_flag
,      tbe_from_name tbe_name
,      tbe_to_code tbe_other_code
,      tbe_to_create_flag tbe_other_create_flag
,      tbe_to_data_category tbe_other_data_category
,      tbe_to_default_ref_columns tbe_other_default_ref_columns
,      tbe_to_definition tbe_other_definition
,      tbe_to_derived_flag tbe_other_derived_flag
,      tbe_to_example tbe_other_example
,      tbe_to_id tbe_other_id
,      tbe_to_is_interface_flag tbe_other_is_interface_flag
,      tbe_to_name tbe_other_name
,      tcn_from_conversion tcn_conversion
,      tcn_from_data_length tcn_data_length
,      tcn_from_data_length_type tcn_data_length_type
,      tcn_from_data_precision tcn_data_precision
,      tcn_from_data_scale tcn_data_scale
,      tcn_from_data_type tcn_data_type
,      tcn_from_definition tcn_definition
,      tcn_from_example tcn_example
,      tcn_from_id tcn_id
,      tcn_from_name tcn_name
,      tcn_from_nullable_flag tcn_nullable_flag
,      tcn_to_conversion tcn_other_conversion
,      tcn_to_data_length tcn_other_data_length
,      tcn_to_data_length_type tcn_other_data_length_type
,      tcn_to_data_precision tcn_other_data_precision
,      tcn_to_data_scale tcn_other_data_scale
,      tcn_to_data_type tcn_other_data_type
,      tcn_to_definition tcn_other_definition
,      tcn_to_example tcn_other_example
,      tcn_to_id tcn_other_id
,      tcn_to_name tcn_other_name
,      tcn_to_nullable_flag tcn_other_nullable_flag
from    itgen_ref_constraints_v

union all
select  rct_id * 2 + 1 id
,      rct_id * 2 + 1 code
,      'TO' rcv_side
,      apn_to_code apn_code
,      apn_to_id apn_id
,      apn_to_name apn_name
,      apn_from_code apn_other_code
,      apn_from_id apn_other_id
,      apn_from_name apn_other_name
,      lde_code
,      lde_label
,      rct_autocompleted_flag
,      rct_column1
,      rct_column10
,      rct_column2
,      rct_column3
,      rct_column4
,      rct_column5

```





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## Applications

itgen - Invantive Producer

## Database Views

itgen-rct\_r - itgen\_ref\_constraints\_vv\_r

```

,      rct_column6
,      rct_column7
,      rct_column8
,      rct_column9
,      rct_column_type
,      rct_created_by
,      rct_created_in
,      rct_create_flag
,      rct_date_created
,      rct_date_intrf_created
,      rct_date_intrf_last_updated
,      rct_date_last_updated
,      rct_display_flag
,      rct_documentation
,      rct_documentation_l
,      rct_full_name
,      rct_id
,      rct_label
,      rct_name
,      rct_nk
,      rct_on_delete_category
,      rct_orig_system_group
,      rct_orig_system_reference
,      rct_role_label
,      rct_session_created
,      rct_session_updated
,      rct_sorting_order
,      rct_transaction_created
,      rct_transaction_updated
,      rct_updated_by
,      rct_updated_in
,      tbe_to_code tbe_code
,      tbe_to_create_flag tbe_create_flag
,      tbe_to_data_category tbe_data_category
,      tbe_to_default_ref_columns tbe_default_ref_columns
,      tbe_to_definition tbe_definition
,      tbe_to_derived_flag tbe_derived_flag
,      tbe_to_example tbe_example
,      tbe_to_id tbe_id
,      tbe_to_is_interface_flag tbe_is_interface_flag
,      tbe_to_name tbe_name
,      tbe_from_code tbe_other_code
,      tbe_from_create_flag tbe_other_create_flag
,      tbe_from_data_category tbe_other_data_category
,      tbe_from_default_ref_columns tbe_other_default_ref_columns
,      tbe_from_definition tbe_other_definition
,      tbe_from_derived_flag tbe_other_derived_flag
,      tbe_from_example tbe_other_example
,      tbe_from_id tbe_other_id
,      tbe_from_is_interface_flag tbe_other_is_interface_flag
,      tbe_from_name tbe_other_name
,      tcn_to_conversion tcn_conversion
,      tcn_to_data_length tcn_data_length
,      tcn_to_data_length_type tcn_data_length_type
,      tcn_to_data_precision tcn_data_precision
,      tcn_to_data_scale tcn_data_scale
,      tcn_to_data_type tcn_data_type
,      tcn_to_definition tcn_definition
,      tcn_to_example tcn_example
,      tcn_to_id tcn_id
,      tcn_to_name tcn_name
,      tcn_to nullable_flag tcn_nullable_flag
,      tcn_from_conversion tcn_other_conversion
,      tcn_from_data_length tcn_other_data_length
,      tcn_from_data_length_type tcn_other_data_length_type
,      tcn_from_data_precision tcn_other_data_precision
,      tcn_from_data_scale tcn_other_data_scale
,      tcn_from_data_type tcn_other_data_type
,      tcn_from_definition tcn_other_definition
,      tcn_from_example tcn_other_example

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen\_rct\_r - itgen\_ref\_constraints\_vv\_r

```
,      tcn_from_id tcn_other_id  
,      tcn_from_name tcn_other_name  
,      tcn_from_nullable_flag tcn_other_nullable_flag  
from  itgen_ref_constraints_v
```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen\_rfn\_r - itgen\_rfn\_picklist\_r

|                             |   |
|-----------------------------|---|
| Code                        | rfn_r   |
| Name                        | itgen_rfn_picklist_r  |
| Definition                  | Reporting view for use a picklist of role functions available in the GUI. |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>                                       |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>                                       |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Role Function ({res:itgen_role_function})                                 |
| Label Singular as Reference | Role Function ({res:itgen_role_function})                                 |
| Label Plural                | Role Functions ({res:itgen_role_functions})                               |
| Label Plural as Reference   | Role Functions ({res:itgen_role_functions})                               |
| Hard Coded Definition       |   |

```
select rfn_id id
,      rfn_id
,      rfn_id code
,      rfn_label
from   itgen_role_functions_v
order
by     rfn_label
```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen\_rle\_r - itgen\_rle\_picklist\_r

|                             |  |
|-----------------------------|--|
| Code                        | rle_r  |
| Name                        | itgen_rle_picklist_r   |
| Definition                  | Reporting view for use a picklist of roles available in the GUI. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                              |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                              |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Role ({res:itgen_role})  |
| Label Singular as Reference | Role ({res:itgen_role})  |
| Label Plural                | Roles ({res:itgen_roles})  |
| Label Plural as Reference   | Roles ({res:itgen_roles})  |
| Hard Coded Definition       |  |

```
select rle_id id
,      rle_id
,      rle_code
,      rle_code code
,      rle_description
,      rle_label
from   itgen_roles_v
order
by     rle_code
```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-rfn - itgen\_role\_functions\_v**

|                             |  |
|-----------------------------|--|
| Code                        | rfn  |
| Name                        | itgen_role_functions_v                             |
| Definition                  | Functions granted to a role.                       |
| Example                     | Accounting has access to Invantive Control         |
| Autocompleted               | <input type="checkbox"/>                           |
| Create                      | <input checked="" type="checkbox"/>                |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>                |
| User May Insert             | <input checked="" type="checkbox"/>                |
| User May Select             | <input checked="" type="checkbox"/>                |
| User May Update             | <input checked="" type="checkbox"/>                |
| Additional Select Clause    | <code>rle.code    '.'    ftn.code rfn_label</code> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Role Function ({res:itgen_role_function})          |
| Label Singular as Reference | Role Function ({res:itgen_role_function})          |
| Label Plural                | Role Functions ({res:itgen_role_functions})        |
| Label Plural as Reference   | Role Functions ({res:itgen_role_functions})        |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-rfn - itgen\_role\_functions\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | rfn        | itgen_role_functions    |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | rle        | itgen_roles             | itgen.rle.id | rfn.rle_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 3        | ftn        | itgen_functions         | itgen.ftn.id | rfn.ftn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-rle - itgen\_roles\_v**

|                             |   |
|-----------------------------|---|
| Code                        | rle   |
| Name                        | itgen_roles_v   |
| Definition                  | Roles of groups of users.                                   |
| Example                     | Accounting  |
| Autocompleted               | <input type="checkbox"/>                                    |
| Create                      | <input checked="" type="checkbox"/>                         |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>                         |
| User May Insert             | <input checked="" type="checkbox"/>                         |
| User May Select             | <input checked="" type="checkbox"/>                         |
| User May Update             | <input checked="" type="checkbox"/>                         |
| Additional Select Clause    | <code>rle.code    ' - '    rle.description rle_label</code> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Role ({res:itgen_role})                                     |
| Label Singular as Reference | Role ({res:itgen_role})                                     |
| Label Plural                | Roles ({res:itgen_roles})                                   |
| Label Plural as Reference   | Roles ({res:itgen_roles})                                   |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-rlc - itgen\_roles\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|-------------|--------------------|--------------------------|
| 1        | rlc        | itgen_roles             |             |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |             |                    |                          |
|          |            | Reference Columns       |             |                    |                          |





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 Function: itgen\_datamodel\_pdf\_rpt

**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-spe - itgen\_server\_pages\_v**

|                             |  |
|-----------------------------|--|
| Code                        | spe  |
| Name                        | itgen_server_pages_v   |
| Definition                  | Server pages using ISP to generate content.                                    |
| Example                     | The server page 'bubs0001' generates an email news letter.                     |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input checked="" type="checkbox"/>  |
| Additional Select Clause    | <code>apn.code    '-'    spe.code    ' - '    spe.description spe_label</code> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Server Page ({res:itgen_server_page})  |
| Label Singular as Reference | Server Page ({res:itgen_server_page})  |
| Label Plural                | Server Pages ({res:itgen_server_pages})  |
| Label Plural as Reference   | Server Pages ({res:itgen_server_pages})  |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-spe - itgen\_server\_pages\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | spe        | itgen_server_pages      |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | apn        | itgen_applications      | itgen.apn.id | spe.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-ste\_r - itgen\_session\_temp\_usage\_r

|                             |  |
|-----------------------------|--|
| Code                        | ste_r  |
| Name                        | itgen_session_temp_usage_r   |
| Definition                  | Reporting view with per session the amount of temporary tablespace used. |
| Example                     | Session 123 uses 10 Mb.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                                      |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                                      |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Session Temporary Tablespace Usage ({res:itgen_session_temp_usage})      |
| Label Singular as Reference | Session Temporary Tablespace Usage ({res:itgen_session_temp_usage})      |
| Label Plural                | Session Temporary Tablespace Usages ({res:itgen_session_temp_usages})    |
| Label Plural as Reference   | Session Temporary Tablespace Usages ({res:itgen_session_temp_usages})    |
| Hard Coded Definition       |  |

```

select ssn.audsid
,      case
,      when ssn.audsid = sys_context('USERENV','SESSIONID')
,      then 'Y'
,      else 'N'
,      end
,      this_session_flag
,      sum(s.blocks * par.value) bytes_used
,      ssn.osuser
,      ssn.schemaname
,      ssn.process
,      ssn.machine
,      ssn.port
,      ssn.terminal
,      ssn.program
,      ssn.module
,      ssn.action
,      ssn.client_info
from   v$tempseg_usage s
join   v$parameter par
on     par.name = 'db_block_size'
join   v$session ssn
on     ssn.serial# = s.session_num
and    ssn.saddr = s.session_addr
group by
,      ssn.audsid
,      ssn.osuser
,      ssn.schemaname
,      ssn.process
,      ssn.machine
,      ssn.port
,      ssn.terminal
,      ssn.program
,      ssn.module
,      ssn.action
,      ssn.client_info

```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-stg - itgen\_settings\_v**

|                             |                                     |
|-----------------------------|-------------------------------------|
| Code                        | stg                                 |
| Name                        | itgen_settings_v                    |
| Definition                  | See itgen_settings.                 |
| Example                     | See itgen_settings.                 |
| Autocompleted               | <input type="checkbox"/>            |
| Create                      | <input checked="" type="checkbox"/> |
| Optimizer Hint              |                                     |
| Order by Clause             |                                     |
| User May Delete             | <input checked="" type="checkbox"/> |
| User May Insert             | <input checked="" type="checkbox"/> |
| User May Select             | <input checked="" type="checkbox"/> |
| User May Update             | <input checked="" type="checkbox"/> |
| Additional Select Clause    |                                     |
| Additional Where Clause     |                                     |
| Documentation               |                                     |
| Label Singular              | Setting ({res:itgen_setting})       |
| Label Singular as Reference | Setting ({res:itgen_setting})       |
| Label Plural                | Settings ({res:itgen_settings})     |
| Label Plural as Reference   | Settings ({res:itgen_settings})     |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-stg - itgen\_settings\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | stg        | itgen_settings          |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | lge        | itgen_languages         | itgen.lge.id | stg.lge_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-sbw\_r - itgen\_solitary\_bus\_views\_r

|                             |  |
|-----------------------------|--|
| Code                        | sbw_r  |
| Name                        | itgen_solitary_bus_views_r                               |
| Definition                  | Reporting view   |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>                                 |
| Create                      | <input checked="" type="checkbox"/>                      |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>                                 |
| User May Insert             | <input type="checkbox"/>                                 |
| User May Select             | <input checked="" type="checkbox"/>                      |
| User May Update             | <input type="checkbox"/>                                 |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Solitary Business View ({res:itgen_solitary_bus_view})   |
| Label Singular as Reference | Solitary Business View ({res:itgen_solitary_bus_view})   |
| Label Plural                | Solitary Business Views ({res:itgen_solitary_bus_views}) |
| Label Plural as Reference   | Solitary Business Views ({res:itgen_solitary_bus_views}) |
| Hard Coded Definition       |  |

```

select mtw.viw_id
,      mtw.apn_viw_code
,      mtw.viw_name
,      mtw.tbe_code
,      mtw.tbe_data_category
,      mtw.tbe_derived_flag
from   itgen_master_table_per_view_r mtw
minus
select vrn.viw_id_source
,      vrn.apn_viw_code
,      vrn.source_databasename
,      vrn.tbe_code
,      vrn.tbe_data_category
,      vrn.tbe_derived_flag
from   itgen_view_relations_r vrn
where  target_fieldname <> 'code' /* Skip relationships with code domains. */

```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-stg\_r - itgen\_stg\_picklist\_r

|                             |   |
|-----------------------------|---|
| Code                        | stg_r   |
| Name                        | itgen_stg_picklist_r  |
| Definition                  | Reporting view for use a picklist of settings available in the GUI. |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>                                 |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>                                 |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Setting ({res:itgen_setting})                                       |
| Label Singular as Reference | Setting ({res:itgen_setting})                                       |
| Label Plural                | Settings ({res:itgen_settings})                                     |
| Label Plural as Reference   | Settings ({res:itgen_settings})                                     |
| Hard Coded Definition       |   |

```

select stg_id id
,      stg_id
,      stg_id code
,      stg_nk label
,      stg_authentication_order
from   itgen_settings_v
order
by     label

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-tcn - itgen\_table\_columns\_v

|                          |  |
|--------------------------|--|
| Code                     | tcn  |
| Name                     | itgen_table_columns_v  |
| Definition               | A specific data element associated with a table row.   |
| Example                  | The birthdate of the person 'John' is Oct 24, 1968.  |
| Autocompleted            | <input type="checkbox"/>   |
| Create                   | <input checked="" type="checkbox"/>  |
| Optimizer Hint           |  |
| Order by Clause          |  |
| User May Delete          | <input checked="" type="checkbox"/>  |
| User May Insert          | <input checked="" type="checkbox"/>  |
| User May Select          | <input checked="" type="checkbox"/>  |
| User May Update          | <input checked="" type="checkbox"/>  |
| Additional Select Clause | <pre> case when tcn.data_type in ('char', 'varchar2') then tcn.data_type    '('    tcn.data_length    ' '    case when tcn.data_length_type = 'C' then 'char' else 'byte' end    ')' when tcn.data_type = 'date' then tcn.data_type when tcn.data_type = 'number' then tcn.data_type    '('    tcn.data_precision    ', '    tcn.data_scale    ')' when tcn.data_type in ('blob', 'clob', 'bfile' ) then tcn.data_type end tcn_data_type_complete , '&lt;column&gt;'    '&lt;definition&gt;'    replace(tcn.definition, '''', ''''')    '&lt;/definition&gt;'    '&lt;example&gt;'    replace(tcn.example, '''', ''''')    '&lt;/example&gt;'    '&lt;datatype&gt;'    replace ( case when tcn.data_type in ('char', 'varchar2') then tcn.data_type    '('    tcn.data_length    ' '    case when tcn.data_length_type = 'C' then 'char' else 'byte' end    ')' when tcn.data_type = 'date' then tcn.data_type when tcn.data_type = 'number' then tcn.data_type    '('    tcn.data_precision    ', '    tcn.data_scale    ')' when tcn.data_type in ('blob', 'clob', 'bfile' ) then tcn.data_type end , ''' , ''''') )    '&lt;/datatype&gt;'    '&lt;table&gt;'    replace(tbe.name, '''', ''''')    '&lt;/table&gt;'    '&lt;/column&gt;' tcn_full_definition , case when tcn.name = apn.c_identity then 'Y' else 'N' end tcn_col_is_identity_flag , case when tcn.name in ( apn.c_date_created, apn.c_session_created, apn.c_created_by, apn.c_created_in , apn.c_date_last_updated, apn.c_updated_by, apn.c_updated_in , apn.c_session_updated, apn.c_transaction_created, apn.c_transaction_updated , apn.c_date_intrf_created, apn.c_date_intrf_last_updated) then 'Y' else 'N' end tcn_col_is_audit_flag , case when tcn.name in </pre> |





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## Applications

itgen - Invantive Producer

## Database Views

itgen-tcn - itgen\_table\_columns\_v

```
( apn.c_orig_system_reference, apn.c_orig_system_group, apn.c_column_type )  
or tcn.name like apn.c_column_prefix || '%'  
then 'Y'  
else 'N'  
end  
tcn_col_is_data_extension_flag  
, apn.code || '.' || tbe.code || '.' || tcn.name || ' - ' || tcn.name tcn_label
```

Additional Where Clause

Documentation

Label Singular

Table Column ({res:itgen\_table\_column})

Label Singular as Reference

Table Column ({res:itgen\_table\_column})

Label Plural

Table Columns ({res:itgen\_table\_columns})

Label Plural as Reference

Table Columns ({res:itgen\_table\_columns})



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-tcn - itgen\_table\_columns\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | tcn        | itgen_table_columns     |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | tbe        | itgen_tables            | itgen.tbe.id | tcn.tbe_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 3        | apn        | itgen_applications      | itgen.apn.id | tbe.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-tvw\_r - itgen\_tables\_in\_view\_r

|                             |   |
|-----------------------------|---|
| Code                        | twv_r   |
| Name                        | itgen_tables_in_view_r                        |
| Definition                  | Reporting view                                |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>                      |
| Create                      | <input checked="" type="checkbox"/>           |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                      |
| User May Insert             | <input type="checkbox"/>                      |
| User May Select             | <input checked="" type="checkbox"/>           |
| User May Update             | <input type="checkbox"/>                      |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Tables in View ({res:itgen_tables_in_view})   |
| Label Singular as Reference | Tables in View ({res:itgen_tables_in_view})   |
| Label Plural                | Tables in Views ({res:itgen_tables_in_views}) |
| Label Plural as Reference   | Tables in Views ({res:itgen_tables_in_views}) |
| Hard Coded Definition       |   |

```

select vet0.apn_viw_code
,      vet0.viw_name
,      vet0.tbe_name
,      vet0.tbe_code
,      vet0.vet_alias
,      vet0.vet_column_name
,      vet0.apn_tbe_code
,      vet0.vet_tbe_joined_code
,      vet0.vet_joined_column_name
,      ''
|| case
  when vet0.vet_ref_columns is null
  then vet0.tbe_default_ref_columns
  else replace(vet0.vet_ref_columns, '+', vet0.tbe_default_ref_columns)
  end
|| ','
vet_reference_columns
from   itgen_view_elements_v vet0

```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-tfk\_r - itgen\_tables\_physical\_r

|                             |   |
|-----------------------------|---|
| Code                        | tfk_r   |
| Name                        | itgen_tables_physical_r   |
| Definition                  |   |
| Example                     | Reporting view with statistics on tables of the application. It is a modified copy of all_tables, changed to improve performance. |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Physical Table ({res:itgen_physical_table})   |
| Label Singular as Reference | Physical Table ({res:itgen_physical_table})   |
| Label Plural                | Physical Tables ({res:itgen_physical_tables})   |
| Label Plural as Reference   | Physical Tables ({res:itgen_physical_tables})   |
| Hard Coded Definition       |   |

```

with idxstats
as
( select table_id
,      min(last_analyzed) index_last_analyzed_min
,      max(last_analyzed) index_last_analyzed_max
,      min(num_rows)      index_num_rows_min
,      max(num_rows)      index_num_rows_max
,      min(blocks)        index_blocks_min
,      sum(blocks)         index_blocks_sum
,      max(blocks)         index_blocks_max
,      sum(bytes)          index_bytes_sum
,      count(*)            index_cnt
from   ( select idx.bo#      table_id
,          idx.analyzetime last_analyzed
,          idx.rowcnt      num_rows
,          seg.blocks
,          seg.blocks * ts.blocksize bytes
,          oi.name         index_name
from     sys.ind$ idx
left
outer
join    sys.seg$ seg
on      seg.block# = idx.block#
and     seg.file#  = idx.file#
and     seg.ts#    = idx.ts#
left
outer
join    sys.ts$ ts
on      ts.ts# = idx.ts#
join    sys.obj$ oi
on      oi.obj# = idx.obj#
and     oi.owner# in ( select owner# from itgen_schemas_r )
)
group
by     table_id
)

, lobstats
as
( select lob.obj# table_id
,      sum(coalesce(seg.blocks, 0)) lob_blocks

```



## Applications

itgen - Invantive Producer

## Database Views

itgen-tfk\_r - itgen\_tables\_physical\_r

```

,      sum(coalesce(seg.blocks, 0) * ts.blocksize) lob_bytes
from  sys.lob$ lob
left
outer
join  sys(seg$ seg
on    seg.block# = lob.block#
and   seg.file#  = lob.file#
and   seg.ts#    = lob.ts#
left
outer
join  sys(ts$ ts
on    ts.ts#    = lob.ts#
join  sys(obj$ lo
on    lo.obj#   = lob.lobj#
and   lo.owner# in ( select sma.owner# from itgen_schemas_r sma )
group
by    lob.obj#
)

select /*+ ordered */
/* Excludes temporary tables. */
ot.obj#   id
,         ot.owner#
,         sma.name      owner
,         ot.name       table_name
,         decode(bitand(t.property, 2151678048), 0, ts.name, null) table_tablespace_name
,         t.rowcnt      table_num_rows
,         decode(bitand(t.property, 64), 0, t.blkcnt, null) table_blocks /* Blocks actually
used, excluding empty blocks. */
,         decode(bitand(t.property, 64), 0, t.blkcnt, null) * ts.blocksize table_bytes
,         ( decode(bitand(t.property, 64), 0, t.blkcnt, null)
+ decode(bitand(t.property, 64), 0, t.empcnt, null)
) * ts.blocksize
table_bytes_allocated
,         decode(bitand(t.property, 64), 0, t.empcnt, null) table_empty_blocks
,         decode(bitand(t.property, 64), 0, t.avgspc, null) table_avg_space
,         decode(bitand(t.property, 64), 0, t.blkcnt, null)
+ decode(bitand(t.property, 64), 0, t.empcnt, null) table_blocks_allocated
/* Note: blocks allocated in dba_tables does not match bytes in dba_segments. */
,         t.chncnt      table_chain_cnt
,         t.avgrln      table_avg_row_len
,         t.analyzetime table_last_analyzed
,         substr
( c.comment$
, instr(c.comment$, '<definition>') + length('<definition>')
, instr(c.comment$, '</definition>') - instr(c.comment$, '<definition>') - length
('<definition>')
)
table_definition
,         substr
( c.comment$
, instr(c.comment$, '<example>') + length('<example>')
, instr(c.comment$, '</example>') - instr(c.comment$, '<example>') - length
('<example>')
)
table_example
,         substr
( c.comment$
, instr(c.comment$, '<short>') + length('<short>')
, instr(c.comment$, '</short>') - instr(c.comment$, '<short>') - length('<short>')
)
table_short
,         c.comment$      comments
,         idxstats.index_last_analyzed_min
,         idxstats.index_last_analyzed_max
,         idxstats.index_num_rows_min
,         idxstats.index_num_rows_max
,         idxstats.index_blocks_min
,         idxstats.index_blocks_max

```



## Applications

itgen - Invantive Producer

## Database Views

itgen-tfk\_r - itgen\_tables\_physical\_r

```

,      idxstats.index_blocks_sum
,      idxstats.index_bytes_sum
,      lobstats.lob_blocks
,      lobstats.lob_bytes
,      idxstats.index_cnt
,      decode(bitand(t.property, 64), 0, t.blkcnt, null)
+ coalesce(idxstats.index_blocks_sum, 0)
+ coalesce(lobstats.lob_blocks, 0)
blocks_sum
,      decode(bitand(t.property, 64), 0, t.blkcnt, null) * ts.blocksize + coalesce
(idxstats.index_bytes_sum, 0)
+ coalesce(lobstats.lob_bytes, 0)
bytes
,      ( decode(bitand(t.property, 64), 0, t.blkcnt, null)
+ decode(bitand(t.property, 64), 0, t.empcnt, null)
) * ts.blocksize
+ coalesce(idxstats.index_bytes_sum, 0)
+ coalesce(lobstats.lob_bytes, 0)
bytes_allocated
,      'X' code /* For datalayer generation. */

from    itgen_schemas_r sma
,      sys.obj$ ot
,      sys.tab$ t
,      sys.ts$ ts
,      sys.seg$ s
,      idxstats
,      lobstats
,      sys.com$ c
where   ot.owner#              = ( select sma.owner# from itgen_schemas_r sma /* For
performance inline. */ )
and     t.obj#                  = ot.obj#
and     bitand(t.property, 1) = 0
and     idxstats.table_id (+) = t.obj#
and     lobstats.table_id (+) = t.obj#
and     c.obj# (+)              = ot.obj#
and     c.col# (+)              is null
and     ts.ts#                  = t.ts#
and     s.file# (+)             = t.file#
and     s.block# (+)           = t.block#
and     s.ts# (+)               = t.ts#

```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

itgen-tbe - itgen\_tables\_v

|                             |   |
|-----------------------------|---|
| Code                        | tbe   |
| Name                        |   |
| Definition                  | itgen_tables_v  |
| Example                     | Permanent storage of information in rows. Each row contains one or multiple pieces of information, each stored into a column. |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>   |
| User May Insert             | <input checked="" type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input checked="" type="checkbox"/>   |
| Additional Select Clause    | <code>tbe.code    ' - '    tbe.name tbe_label</code>  |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Table ({res:itgen_table})   |
| Label Singular as Reference | Table ({res:itgen_table})   |
| Label Plural                | Tables ({res:itgen_tables})   |
| Label Plural as Reference   | Tables ({res:itgen_tables})   |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-tbe - itgen\_tables\_v

**View Elements**

| Sequence | Table Code | Table Name                | Column Name    | Joined Column Name | Left Outer Join          |
|----------|------------|---------------------------|----------------|--------------------|--------------------------|
| 1        | tbe        | itgen_tables              |                |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause   |                |                    |                          |
|          |            | Reference Columns         |                |                    |                          |
| 2        | apn        | itgen_applications        | itgen.apn.id   | tbe.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause   |                |                    |                          |
|          |            | Reference Columns         |                |                    |                          |
| 3        | ldy        | itgen_lov_data_category_r | itgen.ldy.code | tbe.data_category  | <input type="checkbox"/> |
|          |            | Additional Where Clause   |                |                    |                          |
|          |            | Reference Columns         |                |                    |                          |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-tbe\_r - itgen\_tbe\_picklist\_r

|                             |  |
|-----------------------------|--|
| Code                        | tbe_r  |
| Name                        | itgen_tbe_picklist_r   |
| Definition                  | Reporting view for use a picklist of views available in the GUI. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                              |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                              |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Table ({res:itgen_table})  |
| Label Singular as Reference | Table ({res:itgen_table})  |
| Label Plural                | Tables ({res:itgen_tables})                                      |
| Label Plural as Reference   | Tables ({res:itgen_tables})                                      |
| Hard Coded Definition       |  |

```
select tbe.tbe_id id
,      tbe.tbe_code code
,      tbe.tbe_id
,      tbe.tbe_code
,      tbe.tbe_label
from   itgen_tables_v tbe
order
by     tbe.apn_code
,      tbe.tbe_code
```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-tcn\_r - itgen\_tcn\_picklist\_r

|                             |  |
|-----------------------------|--|
| Code                        | tcn_r  |
| Name                        | itgen_tcn_picklist_r   |
| Definition                  | Reporting view for use a picklist of codes available in the GUI. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                              |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                              |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Table Column ({res:itgen_table_column})                          |
| Label Singular as Reference | Table Column ({res:itgen_table_column})                          |
| Label Plural                | Table Columns ({res:itgen_table_columns})                        |
| Label Plural as Reference   | Table Columns ({res:itgen_table_columns})                        |
| Hard Coded Definition       |  |

```
select tcn.tcn_id id
,      tcn.tcn_name code
,      tcn.tcn_id
,      tcn.tcn_label
from   itgen_table_columns_v tcn
order
by     tcn.tcn_name
```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen\_tlp\_r - itgen\_tln\_picklist\_r

|                             |   |
|-----------------------------|---|
| Code                        | tlp_r   |
| Name                        | itgen_tln_picklist_r  |
| Definition                  | Reporting view for use a picklist of translations available in the GUI. |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>                                     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>                                     |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Translation ({res:itgen_translation})                                   |
| Label Singular as Reference | Translation ({res:itgen_translation})                                   |
| Label Plural                | Translations ({res:itgen_translations})                                 |
| Label Plural as Reference   | Translations ({res:itgen_translations})                                 |
| Hard Coded Definition       |   |

```
select tln_id id
,      tln_id
,      tln_id code
,      tln_label
from   itgen_translations_v
order
by     tln_label
```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

itgen-tan - itgen\_transactions\_v

|                             |   |
|-----------------------------|---|
| Code                        | tan                                       |
| Name                        |   |
| Definition                  |   |
| Example                     | itgen_transactions_v                      |
| Autocompleted               | <input type="checkbox"/>                  |
| Create                      | <input checked="" type="checkbox"/>       |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                  |
| User May Insert             | <input type="checkbox"/>                  |
| User May Select             | <input checked="" type="checkbox"/>       |
| User May Update             | <input type="checkbox"/>                  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Transaction ({{res:itgen_transaction}})   |
| Label Singular as Reference | Transaction ({{res:itgen_transaction}})   |
| Label Plural                | Transactions ({{res:itgen_transactions}}) |
| Label Plural as Reference   | Transactions ({{res:itgen_transactions}}) |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-tan - itgen\_transactions\_v

**View Elements**

| Sequence | Table Code              | Table Name         | Column Name | Joined Column Name | Left Outer Join          |
|----------|-------------------------|--------------------|-------------|--------------------|--------------------------|
| 1        | tan                     | itgen_transactions |             |                    | <input type="checkbox"/> |
|          | Additional Where Clause |                    |             |                    |                          |
|          | Reference Columns       |                    |             |                    |                          |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-tln\_r - itgen\_translations\_r

|                             |   |
|-----------------------------|---|
| Code                        | tln_r                                   |
| Name                        | itgen_translations_r                    |
| Definition                  | Reporting view for translations.        |
| Example                     | None.                                   |
| Autocompleted               | <input type="checkbox"/>                |
| Create                      | <input checked="" type="checkbox"/>     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                |
| User May Insert             | <input type="checkbox"/>                |
| User May Select             | <input checked="" type="checkbox"/>     |
| User May Update             | <input type="checkbox"/>                |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Translation ({res:itgen_translation})   |
| Label Singular as Reference | Translation ({res:itgen_translation})   |
| Label Plural                | Translations ({res:itgen_translations}) |
| Label Plural as Reference   | Translations ({res:itgen_translations}) |
| Hard Coded Definition       |   |

```

select tln.lge_id      lge_id
,       lge.code      lge_code
,       lge.usable_in_ui_flag lge_usable_in_ui_flag
,       tln.id        tln_id
,       tln.id        id
,       tln.id        code
,       tln.resource_code tln_resource_code
,       tln.text       tln_text
from   itgen_translations tln
,       itgen_languages  lge
where  lge.id = tln.lge_id

```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-tln - itgen\_translations\_v**

|                             |   |
|-----------------------------|---|
| Code                        | tln   |
| Name                        | itgen_translations_v  |
| Definition                  | Translations.   |
| Example                     | 'code'  |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>   |
| User May Insert             | <input checked="" type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input checked="" type="checkbox"/>   |
| Additional Select Clause    | <code>apn.code    '.'    lge.code    '.'    tln.resource_code    '-'    tln.text tln_label</code> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Translation ({res:itgen_translation})   |
| Label Singular as Reference | Translation ({res:itgen_translation})   |
| Label Plural                | Translations ({res:itgen_translations})   |
| Label Plural as Reference   | Translations ({res:itgen_translations})   |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-tln - itgen\_translations\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | tln        | itgen_translations      |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | apn        | itgen_applications      | itgen.apn.id | tln.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 3        | lge        | itgen_languages         | itgen.lge.id | tln.lge_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |





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## Applications

### itgen - Invantive Producer

## Database Views

### itgen\_ure\_r - itgen\_ure\_picklist\_r

|                             |   |
|-----------------------------|---|
| Code                        | ure_r   |
| Name                        | itgen_ure_picklist_r  |
| Definition                  | Reporting view for use a picklist of user roles available in the GUI. |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>                                   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>  |
| User May Insert             | <input type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>                                   |
| User May Update             | <input type="checkbox"/>  |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | User Role ({res:itgen_user_role})                                     |
| Label Singular as Reference | User Role ({res:itgen_user_role})                                     |
| Label Plural                | User Roles ({res:itgen_user_roles})                                   |
| Label Plural as Reference   | User Roles ({res:itgen_user_roles})                                   |
| Hard Coded Definition       |   |

```
select ure_id id
,      ure_id
,      ure_id code
,      ure_label
from   itgen_user_roles_v
order
by     ure_label
```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-ure - itgen\_user\_roles\_v**

|                             |  |
|-----------------------------|--|
| Code                        | ure  |
| Name                        | itgen_user_roles_v                                 |
| Definition                  | Roles granted to a user.                           |
| Example                     | John is a member of Accounting.                    |
| Autocompleted               | <input type="checkbox"/>                           |
| Create                      | <input checked="" type="checkbox"/>                |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>                |
| User May Insert             | <input checked="" type="checkbox"/>                |
| User May Select             | <input checked="" type="checkbox"/>                |
| User May Update             | <input checked="" type="checkbox"/>                |
| Additional Select Clause    | <code>rle.code    '.'    usr.name ure_label</code> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | User Role ({res:itgen_user_role})                  |
| Label Singular as Reference | User Role ({res:itgen_user_role})                  |
| Label Plural                | User Roles ({res:itgen_user_roles})                |
| Label Plural as Reference   | User Roles ({res:itgen_user_roles})                |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-ure - itgen\_user\_roles\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | ure        | itgen_user_roles        |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | usr        | itgen_users             | itgen.usr.id | ure.usr_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 3        | rle        | itgen_roles             | itgen.rle.id | ure.rle_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-usp\_r - itgen\_user\_segment\_dep\_r

|                             |   |
|-----------------------------|---|
| Code                        | usp_r   |
| Name                        | itgen_user_segment_dep_r                              |
| Definition                  | A 50 times quicker alternative for user_dependencies. |
| Example                     | BUBS_PROJECTEN_V uses BUBS_GEBRUIKERS.                |
| Autocompleted               | <input type="checkbox"/>                              |
| Create                      | <input checked="" type="checkbox"/>                   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                              |
| User May Insert             | <input type="checkbox"/>                              |
| User May Select             | <input checked="" type="checkbox"/>                   |
| User May Update             | <input type="checkbox"/>                              |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Segment Dependency ({res:itgen_user_segment_dep})     |
| Label Singular as Reference | Segment Dependency ({res:itgen_user_segment_dep})     |
| Label Plural                | Segment Dependencies ({res:itgen_user_segment_deps})  |
| Label Plural as Reference   | Segment Dependencies ({res:itgen_user_segment_deps})  |
| Hard Coded Definition       |   |

```

select o.name name
,      po.name referenced_name
,      case
        when po.type# = 2
        then 'TABLE'
        when po.type# = 10
        then 'NON-EXISTENT'
        else 'VIEW'
      end
referenced_type
from   sys.obj$ o
join   sys.dependency$ d
on     d.d_obj# = o.obj#
join   sys.obj$ po
on     po.obj# = d.p_obj#
and    po.type# in (2, 4, 10) /* Table, view or non-existent (referenced object not yet
ok). */
where  o.owner# = userenv('SCHEMAID')

```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

itgen-usr - itgen\_users\_v

|                             |  |
|-----------------------------|--|
| Code                        | usr  |
| Name                        |  |
| Definition                  | itgen_users_v  |
| Example                     |  |
| Autocompleted               | <input type="checkbox"/>                             |
| Create                      | <input checked="" type="checkbox"/>                  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>                  |
| User May Insert             | <input checked="" type="checkbox"/>                  |
| User May Select             | <input checked="" type="checkbox"/>                  |
| User May Update             | <input checked="" type="checkbox"/>                  |
| Additional Select Clause    | <code>usr.code    ' - '    usr.name usr_label</code> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | User ({res:itgen_user})                              |
| Label Singular as Reference | User ({res:itgen_user})                              |
| Label Plural                | Users ({res:itgen_users})                            |
| Label Plural as Reference   | Users ({res:itgen_users})                            |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-usr - itgen\_users\_v

**View Elements**

| Sequence | Table Code              | Table Name  | Column Name | Joined Column Name | Left Outer Join          |
|----------|-------------------------|-------------|-------------|--------------------|--------------------------|
| 1        | usr                     | itgen_users |             |                    | <input type="checkbox"/> |
|          | Additional Where Clause |             |             |                    |                          |
|          | Reference Columns       |             |             |                    |                          |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen\_usr\_r - itgen\_usr\_picklist\_r

|                             |  |
|-----------------------------|--|
| Code                        | usr_r  |
| Name                        | itgen_usr_picklist_r   |
| Definition                  | Reporting view for use a picklist of users available in the GUI. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                              |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                              |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | User ({res:itgen_user})  |
| Label Singular as Reference | User ({res:itgen_user})  |
| Label Plural                | Users ({res:itgen_users})  |
| Label Plural as Reference   | Users ({res:itgen_users})  |
| Hard Coded Definition       |  |

```
select usr.usr_id id
,      usr.usr_code code
,      usr.usr_id
,      usr.usr_code
,      usr.usr_label
from   itgen_users_v usr
order by  usr.usr_code
```

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-vas\_r - itgen\_vet\_analysis\_r

|                             |  |
|-----------------------------|--|
| Code                        | vas_r  |
| Name                        | itgen_vet_analysis_r   |
| Definition                  | Analysis of view elements when you get errors on Found no match. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                              |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                              |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | View Element Analysis ({res:itgen_view_element_analysis})        |
| Label Singular as Reference | View Element Analysis ({res:itgen_view_element_analysis})        |
| Label Plural                | View Element Analysis ({res:itgen_view_element_analysis})        |
| Label Plural as Reference   | View Element Analysis ({res:itgen_view_element_analysis})        |
| Hard Coded Definition       |  |

```

select src.apn_viw_id
,      src.apn_viw_code
,      src.viw_id
,      src.viw_code
,      src.viw_name
,      src.vet_seq
,      src.vet_alias || ': ' || src.apn_tbe_code || '.' || src.tbe_name || '.' || src.
vet_column_name
      vet_end_point
,      case
      when src.vet_tbe_joined_code is null
      then 'START'
      else coalesce(src.vet_tbe_joined_alias, src.vet_tbe_joined_code) || ': ' || dst.
apn_tbe_code || '.' || dst.tbe_name || '.' || src.vet_joined_column_name
      end
      vet_start_point
from   itgen_view_elements_v src
left
outer
join   itgen_view_elements_v dst
on     coalesce(src.vet_tbe_joined_alias, src.vet_tbe_joined_code) = dst.vet_alias
and    dst.viw_id = src.viw_id

```





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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-vcn - itgen\_view\_columns\_v**

|                             |  |
|-----------------------------|--|
| Code                        | vcn  |
| Name                        | itgen_view_columns_v   |
| Definition                  | The columns in a view.   |
| Example                     | The view 'itgen_tables_v' has a column 'tbe_name'.   |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input checked="" type="checkbox"/>  |
| Additional Select Clause    | <pre> case when vcn.data_type in ('char', 'varchar2') then vcn.data_type    '('    vcn.data_length    ' '    case when vcn.data_length_type = 'C' then 'char' else 'byte' end    ')' when vcn.data_type = 'date' then vcn.data_type when vcn.data_type = 'number' then vcn.data_type    '('    vcn.data_precision    ', '    vcn.data_scale    ')' when vcn.data_type in ('blob', 'clob', 'bfile' ) then vcn.data_type end vcn_data_type_complete , apn.code    '.'    viw.code    '.'    vcn.name    ' - '    vcn.name vcn_label                     </pre> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | View Column ({res:itgen_view_column})  |
| Label Singular as Reference | View Column ({res:itgen_view_column})  |
| Label Plural                | View Columns ({res:itgen_view_columns})  |
| Label Plural as Reference   | View Columns ({res:itgen_view_columns})  |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-vcn - itgen\_view\_columns\_v

**View Elements**

| Sequence | Table Code | Table Name                                   | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|--|--------------|--------------------|--------------------------|
| 1        | vcn        | itgen_view_columns                           |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 2        | viw        | itgen_views                                  | itgen.viw.id | vcn.viw_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 3        | apn        | itgen_applications                           | itgen.apn.id | viw.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-vet - itgen\_view\_elements\_v

|                             |   |
|-----------------------------|---|
| Code                        | vet   |
| Name                        | itgen_view_elements_v   |
| Definition                  | A view element is part of a business-view and associates a table or reporting view with the business view.  |
| Example                     | The table 'itgen_applications' is an element of the business-view 'itgen_tables_v'.   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>   |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>   |
| User May Insert             | <input checked="" type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>   |
| User May Update             | <input checked="" type="checkbox"/>   |
| Additional Select Clause    | <pre> case when vet.alias is null then   apn_viw.code      '.'    viw.code      '.'    to_char(vet.seq, 'fm999G999G999G999G990')      ' - '    viw.name else   apn_viw.code      '.'    viw.code      '.'    to_char(vet.seq, 'fm999G999G999G999G990')      ' - '    viw.name      '('    vet.alias    ')' end vet_label </pre> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | View Element ({res:itgen_view_element})   |
| Label Singular as Reference | View Element ({res:itgen_view_element})   |
| Label Plural                | View Elements ({res:itgen_view_elements})   |
| Label Plural as Reference   | View Elements ({res:itgen_view_elements})   |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-vet - itgen\_view\_elements\_v

**View Elements**

| Sequence | Table Code | Table Name                                   | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|--|--------------|--------------------|--------------------------|
| 1        | vet        | itgen_view_elements                          |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 2        | viw        | itgen_views                                  | itgen.viw.id | vet.viw_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 3        | apn        | itgen_applications                           | itgen.apn.id | viw.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 4        | tbe        | itgen_tables                                 | itgen.tbe.id | vet.tbe_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |
| 5        | apn        | itgen_applications                           | itgen.apn.id | tbe.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause<br>Reference Columns |              |                    |                          |



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-vrn\_r - itgen\_view\_relations\_r

|                             |   |
|-----------------------------|---|
| Code                        | vrn_r                                       |
| Name                        | itgen_view_relations_r                      |
| Definition                  | Reporting view                              |
| Example                     | None.                                       |
| Autocompleted               | <input type="checkbox"/>                    |
| Create                      | <input checked="" type="checkbox"/>         |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                    |
| User May Insert             | <input type="checkbox"/>                    |
| User May Select             | <input checked="" type="checkbox"/>         |
| User May Update             | <input type="checkbox"/>                    |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | View Relation ({res:itgen_view_relation})   |
| Label Singular as Reference | View Relation ({res:itgen_view_relation})   |
| Label Plural                | View Relations ({res:itgen_view_relations}) |
| Label Plural as Reference   | View Relations ({res:itgen_view_relations}) |
| Hard Coded Definition       |   |

```

with mtw
as
( select mtw.viw_id
  ,      vet_master.alias
  ,      mtw.tbe_code
  ,      mtw.apn_tbe_code
  ,      mtw.tbe_data_category
  ,      mtw.tbe_derived_flag
  ,      mtw.tbe_id
from    itgen_master_table_per_view_r mtw
  ,      itgen_view_elements vet_master
where   vet_master.tbe_joined_code is null
and     vet_master.viw_id = mtw.viw_id
)
(
select vet.apn_viw_code
  ,      vet.viw_code
  ,      viw_related_tbe.viw_code viw_code_target
  ,      viw_related_tbe.apn_code apn_code_target
  ,      case
  ,      when vet.vet_column_name = 'code'
  ,      then vet.vet_column_name
  ,      else vet.vet_alias
  ,      || '_'
  ,      || vet.vet_column_name
  ,      end
  ,      target_fieldname
  ,      viw_related_tbe.viw_id
  ,      viw_id_target
  ,      viw_related_tbe.viw_name
  ,      target_databasename
  ,      case
  ,      when vet.vet_left_outer_join_flag = 'Y'
  ,      then 'true'
  ,      else 'false'
  ,      end
  ,      targetoptional
  ,      vet.viw_name
  ,      source_databasename
  ,      vet.viw_id
  ,      viw_id_source
  ,      case
  ,      when vet.vet_column_name != 'code'

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-vrn\_r - itgen\_view\_relations\_r

```

        then vet.vet_joined_column_name
        else vet.viw_code
           || '_'
           || vet.vet_joined_column_name
        end
        source_fieldname
,      vet.vet_alias
,      vet.vet_left_outer_join_flag
,      mtw.tbe_code
,      mtw.apn_tbe_code
,      mtw.tbe_data_category
,      mtw.tbe_derived_flag
,      mtw.tbe_id
from    itgen_view_elements_v vet

join    mtw
on      mtw.viw_id = vet.viw_id
and     mtw.alias = vet.vet_tbe_joined_code
join    itgen_views_v viw_related_tbe
on      viw_related_tbe.apn_id = vet.apn_tbe_id
and     viw_related_tbe.viw_id = vet.tbe_id
where   /* Include only relationships between business views that are both created. */
        vet.viw_create_flag = 'Y'
and     viw_related_tbe.viw_create_flag = 'Y'
/* Only include relationships using ID or Code. The rest is artificial and should not be
used. */
and     vet.vet_column_name in ('id', 'code')
/* Select only view elements directly joined with the master table. */
union
select  vet.apn_viw_code
,      vet.viw_code
,      viw_related_ind.viw_code viw_code_target
,      viw_related_ind.apn_code apn_code_target
,      case
        when vet.vet_column_name = 'code'
        then vet.vet_column_name
        else vet.vet_alias
           || '_'
           || vet.vet_column_name
        end
        target_fieldname
,      viw_related_ind.viw_id
,      viw_id_target
,      viw_related_ind.viw_name
,      target_databasesname
,      case
        when vet.vet_left_outer_join_flag = 'Y'
        then 'true'
        else 'false'
        end
        targetoptional
,      vet.viw_name
,      source_databasesname
,      vet.viw_id
,      viw_id_source
,      case
        when vet.vet_column_name != 'code'
        then vet.vet_joined_column_name
        else vet.viw_code
           || '_'
           || vet.vet_joined_column_name
        end
        source_fieldname
,      vet.vet_alias
,      vet.vet_left_outer_join_flag
,      mtw.tbe_code
,      mtw.apn_tbe_code
,      mtw.tbe_data_category
,      mtw.tbe_derived_flag

```



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## Applications

itgen - Invantive Producer

## Database Views

itgen-vrn\_r - itgen\_view\_relations\_r

```
,      mtw.tbe_id
from    itgen_view_elements_v vet
join    mtw
on      mtw.viw_id = vet.viw_id
and     mtw.alias = vet.vet_tbe_joined_code
/* Relationship with Code LOVs. */
join    itgen_views_v viw_related_ind
on      viw_related_ind.apn_id = vet.apn_tbe_id
and     viw_related_ind.viw_name = vet.tbe_name
where   /* Include only relationships between business views that are both created. */
        vet.viw_create_flag = 'Y'
and     viw_related_ind.viw_create_flag = 'Y'
/* Only include relationships using ID or Code. The rest is artificial and should not be
used. */
and     vet.vet_column_name in ('id', 'code')
)
```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

itgen-viw - itgen\_views\_v

|                             |   |
|-----------------------------|---|
| Code                        | viw   |
| Name                        |   |
| Definition                  | itgen_views_v   |
| Example                     |   |
| Autocompleted               | <input type="checkbox"/>  |
| Create                      | <input checked="" type="checkbox"/>                                     |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input checked="" type="checkbox"/>                                     |
| User May Insert             | <input checked="" type="checkbox"/>                                     |
| User May Select             | <input checked="" type="checkbox"/>                                     |
| User May Update             | <input checked="" type="checkbox"/>                                     |
| Additional Select Clause    | <code>apn.code    '-'    viw.code    ' - '    viw.name viw_label</code> |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Business object ({res:itgen_business_object})                           |
| Label Singular as Reference | Business object ({res:itgen_business_object})                           |
| Label Plural                | Business Objects ({res:itgen_business_objects})                         |
| Label Plural as Reference   | Business Objects ({res:itgen_business_objects})                         |





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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-viw - itgen\_views\_v

**View Elements**

| Sequence | Table Code | Table Name              | Column Name  | Joined Column Name | Left Outer Join          |
|----------|------------|-------------------------|--------------|--------------------|--------------------------|
| 1        | viw        | itgen_views             |              |                    | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |
| 2        | apn        | itgen_applications      | itgen.apn.id | viw.apn_id         | <input type="checkbox"/> |
|          |            | Additional Where Clause |              |                    |                          |
|          |            | Reference Columns       |              |                    |                          |

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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-viw\_r - itgen\_viw\_picklist\_r

|                             |  |
|-----------------------------|--|
| Code                        | viw_r  |
| Name                        | itgen_viw_picklist_r   |
| Definition                  | Reporting view for use a picklist of views available in the GUI. |
| Example                     | None.  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>                              |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input type="checkbox"/>   |
| User May Insert             | <input type="checkbox"/>   |
| User May Select             | <input checked="" type="checkbox"/>                              |
| User May Update             | <input type="checkbox"/>   |
| Additional Select Clause    |  |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Business object ({res:itgen_business_object})                    |
| Label Singular as Reference | Business object ({res:itgen_business_object})                    |
| Label Plural                | Business Objects ({res:itgen_business_objects})                  |
| Label Plural as Reference   | Business Objects ({res:itgen_business_objects})                  |
| Hard Coded Definition       |  |

```
select viw.viw_id id
,      viw.viw_nk code
,      viw.viw_id
,      viw.viw_code
,      viw.viw_label
from   itgen_views_v viw
order
by     viw.apn_code
,      viw.viw_code
```



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## Applications

### itgen - Invantive Producer

## Database Views

### itgen-wui\_r - itgen\_web\_ui\_r

|                             |   |
|-----------------------------|---|
| Code                        | wui_r   |
| Name                        | itgen_web_ui_r                                |
| Definition                  | Temporary view for the auto generated web UI. |
| Example                     | None.   |
| Autocompleted               | <input type="checkbox"/>                      |
| Create                      | <input checked="" type="checkbox"/>           |
| Optimizer Hint              |   |
| Order by Clause             |   |
| User May Delete             | <input type="checkbox"/>                      |
| User May Insert             | <input type="checkbox"/>                      |
| User May Select             | <input checked="" type="checkbox"/>           |
| User May Update             | <input type="checkbox"/>                      |
| Additional Select Clause    |   |
| Additional Where Clause     |   |
| Documentation               |   |
| Label Singular              | Web User Interface ({res:itgen_web_ui})       |
| Label Singular as Reference | Web User Interface ({res:itgen_web_ui})       |
| Label Plural                | Web User Interfaces ({res:itgen_web_uis})     |
| Label Plural as Reference   | Web User Interfaces ({res:itgen_web_uis})     |
| Hard Coded Definition       |   |

```

select apn_code
,      apn.name apn_name
,      viw_code
,      itgen#translations.translate_keys(viw.label_singular) viw_label_user_i18n
,      lower(tbl_name) tbl_name
,      lower(klm_name) klm_name
,      coalesce(itgen#translations.translate_keys(klm_label_user), lower(klm_name))
klm_label_user_i18n
,      klm_type_ws
,      null klm_display_control_name
,      null klm_display_control_options
,      viw_code || '_' || 'id' klm_pk_field
,      klm_display_order
,      klm_influences_insert_flag
from    itgen_columns_r cln_r
join    itgen_applications apn
on      1=1
and     cln_r.apn_code = apn.code
join    itgen_views viw
on      1=1
and     apn.id = viw.apn_id
and     cln_r.viw_code = viw.code
where   1=1
and     ( ( klm_influences_insert_flag = 'Y'
            and
            klm_display_order is not null
          )
        )
order
by      klm_display_order

```



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**Applications**

**itgen - Invantive Producer**

**Database Views**

**itgen-wce - itgen\_ws\_cache\_v**

|                             |  |
|-----------------------------|--|
| Code                        | wce  |
| Name                        | itgen_ws_cache_v   |
| Definition                  | Webservice cache.  |
| Example                     | N/A  |
| Autocompleted               | <input type="checkbox"/>   |
| Create                      | <input checked="" type="checkbox"/>  |
| Optimizer Hint              |  |
| Order by Clause             |  |
| User May Delete             | <input checked="" type="checkbox"/>  |
| User May Insert             | <input checked="" type="checkbox"/>  |
| User May Select             | <input checked="" type="checkbox"/>  |
| User May Update             | <input checked="" type="checkbox"/>  |
| Additional Select Clause    | <code>to_char(wce.seq, 'fm999G999G999G999G990')    ' - '    wce.request_url wce_label</code> |
| Additional Where Clause     |  |
| Documentation               |  |
| Label Singular              | Webservice Cache ({res:itgen_webservice_cache})  |
| Label Singular as Reference | Webservice Cache ({res:itgen_webservice_cache})  |
| Label Plural                | Webservice Caches ({res:itgen_webservice_caches})  |
| Label Plural as Reference   | Webservice Caches ({res:itgen_webservice_caches})  |



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**Applications**

itgen - Invantive Producer

**Database Views**

itgen-wce - itgen\_ws\_cache\_v

**View Elements**

| Sequence | Table Code                                | Table Name     | Column Name | Joined Column Name | Left Outer Join          |
|----------|---|----------------|-------------|--------------------|--------------------------|
| 1        | wce                                       | itgen_ws_cache |             |                    | <input type="checkbox"/> |
|          | Additional Where Clause Reference Columns |                |             |                    |                          |

\*\*\* End of Report \*\*\*