

GADD NET

Query Database Description

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1. Introduction

This document describes the basics of the GADD Query Database. The GADD Query Database includes settings for the reports, as well as all system parameters for administrating the GADD installation. The query database can be local or central.

There are four areas that are of major interest; Query, System, Selection and Translation. In each area several tables are included, which are used when defining reports and administrating the GADD installation.

If you have any questions please do not hesitate to contact us, dl.gaddxl@ikea.com.

Hope you will find this document useful!

/The GADD Team P-A (PEANG1), Johanna (JOBYSR2), Jonas (JOABE3) & Jonas Florén (JOFLO6).

2. Prerequisites

To demonstrate we will use the GADD NET evaluation version. If you have a copy you will find the database, QmQueryDb.mdb, in the folder GADD_QUERY_DB.

3. Area: Query

In the Query area the following tables are included:

Parameter	Description
QUERY_OBJECT	Displays a list containing all defined queries in the query database. This is where all main settings for the query are defined, e.g. query name, query id, query statement, query source, query comment, grouping parameters and query default display format.
QUERY_FORMAT	This is where the format for the queries is defined, e.g. format code and format parameters.
QUERY_COLUMN_DESC	Offers the possibility to publish additional information, i.e. explaining the column names in the grid. The additional information is displayed on tab "Information" in the GADD application.
QUERY_CLUSTER	Used to define how Query Cluster queries should be executed, e.g. query initiator, query cluster type and execution sequence.
QUERY_DESTINATION	Used to define if a query should be executed in several target databases (Query Cluster Multiple Destination).
QUERY_PACKAGE	This is where the reports are organised into query packages. The Query Package structure is used when several query databases are implemented. Different system parameters can be defined for different query packages,

	which offer the possibility to meet specific requirements within the organisation.
QUERY_PARAM	This is where all parameters for each query are defined, e.g. name, column name, operator, type, information, default type, default value and if it should be displayed by default.
QUERY_PARAM_GROUP	QUERY_PARAM_GROUP contains the grouping parameters for the query. Grouping parameters define how the retrieved data should be grouped in the report. Grouping can be defined on date or on column name.
TREE_NODES	This is where the tree view is defined, i.e. node code, node name, node order and if the node should be expanded or not.

3.1. QUERY_OBJECT

Parameter	Description
PACKAGE_ID	The unique id for the package.
QUERY_ID	The unique id for the query. Recommended using 5-6 characters, e.g. QV010.
QUERY_NAME	The name of the query, e.g. NoOfOrders.
QUERY_STATEMENT	
QUERY_SOURCE	<p>Defines which target database the query should be sent to. Normally it is set to value = GDAREMOTE. If the value is GDAREMOTE the query is sent to the 1st target database. If it is set to GDAREMOTE2DB the query is sent to the 2nd target database. The value can also be GDAREMOTE3DB and GDAREMOTE4DB.</p> <p>The information entered in QUERY_SOURCE is related to the target databases defined in table System Parameters in the System menu. E.g. if you enter GDAREMOTE in QUERY_SOURCE, the value defined for system parameter "strQmConnectionString" (the TNS connection string to 1st target db) in table System Parameters will be used.</p>
QUERY_COMMENT	On the "Report description" tab a text describing the use of the report should be defined. The report description will be displayed for the user on tab "Information" in the "Execute Query" window. The report description should be written from a user's perspective. Relevant information to include is e.g. purpose (what the report is used for), description (what data that is included / not included) and the frequency (to be run; on demand, daily, weekly, and monthly). Other information that can be important to include is if there are any restrictions on the report, e.g. can only be executed during certain hours, for certain countries etc.

USER_ID	Normally set to value = SYSTEM. If user id is set to other than SYSTEM the query will not be visible for any user. Use this if you have queries that you do not want to delete, but also do not want the user to see.
CTY_CODE	Defines what users (depending on the country of the user), will be able to see this query. Use this if the query is only valid in one or in some countries. If you only would like Sweden, Denmark, and Finland to be able to view this query you enter value =: SE=Y; DK=Y; FI=Y; in this field. If not used - do not enter any value. The query will then be available to all users.
CREATE_DATE	The query's creation date
QUERY_DEFAULT_DISPLAY	<p>Decides the default display of the report once it is executed. The default display can be as grid, as graph or MS Excel.</p> <p>An icon is displayed with the query name in the "Available Queries" window in the GADD application, indicating the default display for the user.</p> <p>The icons can also have different colours indicating if the query is fast (green), "normal" (yellow) or slow (red).</p> <p>Values that can be used are:</p> <p>GRID, GRID_GREEN, GRID_YELLOW, GRID_RED, GRAPH, GRAPH_GREEN, GRAPH_YELLOW, GRAPH_RED and EXCEL.</p>
QUERY_GROUPING	<p>Defines which category the query belongs to. The queries are displayed in a tree structure on the left hand side in the GADD application.</p> <p>The query's categories are defined in table TREE_NODES.</p>
SEC_LEVEL	<p>Defines the security level of the query. If SEC_LEVEL = 7 then users with security level equal or greater than 7 will have access to this query. The query will not be displayed for users with a lower security level.</p> <p>If security level is not used then the value should be 0.</p>
START_ALLOW_QRY	Defines from which hour (HH) and minutes (MM) during the day the query can be executed. If not set the query can be executed at any time.
STOP_ALLOW_QRY	Defines until which hour (HH) and minutes (MM) during the day the query can be executed. If not set the query can be executed at any time.
QUERY_SETTINGS	This field can be used to specify more query settings, i.e. prompt a user before a query that has a long execution time, and/or if the query should not be available in AutoGADD. (All queries are by default available in AutoGADD if not stated otherwise).

<p>Values that can be used:</p> <ul style="list-style-type: none"> • QueryCanTakeLongTime=Y; • MultiDest=Allow; • MultiDest=ExecAsync; • AutoGADD=NO;

3.1.1. Query statement – SQL

The query statement (SQL) is sent to the target database to collect data for presentation in the GADD application. The query statement includes the SQL code, selection parameters and grouping parameters. These parameters provide the user with the possibility to decide which data that should be collected, and how the data should be grouped in the report.

Selection Parameters

The selection parameters provide the user with the possibility to decide which data that should be retrieved from the target database. By entering values in the selection parameters in the “Query Parameter” tab, the user can execute a report for e.g. different date periods and different countries.

Depending on the “PARAM_NUMBER” that is defined for a query’s selection parameter, the syntax used in the SQL statement should be ‘PARAM_1’, ‘PARAM_2’, ‘PARAM_3’ etc.

Grouping Parameters

The grouping parameters provide the user with the possibility to decide how the data retrieved from the target database should be grouped.

There are two kinds of grouping parameters:

- PARAM_GROUP_BY - is used for grouping on any information, e.g. product type, country and date. Each value is defined on a separate row on tab “Grouping”. The syntax used in the SQL statement is ‘PARAM_GROUP_BY’ (or the “old” syntax: ‘GROUPING_1’).
- PARAM_GROUP_DATE_BY - is used when it is requested to have multiple date grouping possibilities. PARAM_GROUP_DATE_BY includes the default values: day, week, month, year and weekday. The syntax used in the SQL statement is ‘PARAM_GROUP_DATE_BY’ (or the “old” syntax: ‘GROUPING_PERIOD_1’).

3.2. QUERY_PARAM

The QUERY_PARAM table contains the selection parameters for the query. Each record is one selection parameter. A query can have several selection parameters.

Parameter	Description
PACKAGE_ID	The unique id for the package.
QUERY_ID	The QUERY_ID of the query that this selection parameter refers to. Automatically presented.
PARAM_NUMBER	The number of the parameter, e.g. if the value = 1 then this parameter is named PARAM_1 in the SQL statement of this query. It also decides in which order the selection parameters should be displayed in the GADD application.
PARAM_NAME	The name of the selection parameter, which is also displayed for the user.
PARAM_COL_NAME	
PARAM_OP	The operator displayed for the user. The value should be the same as defined for the selection parameter in the SQL statement.
PARAM_TYPE	
PARAM_INFO (SEE TABLE BELOW)	If you want to control what values the user can enter for a parameter you can define restrictions for the parameter. See table 'Restriction on selection parameter' below.
DEFAULT_TYPE (SEE TABLE BELOW)	<p>Values can be NORMAL, CODE, COUNTRY, CITY, ZONE and DATE.</p> <p>Selection parameters defined as default type NORMAL are not associated with anything. If the value is CODE, COUNTRY, CITY, ZONE or DATE, the selection parameter will be provided with selection codes, available in a combo box. When clicking in the input field available selection codes will be displayed for the user. See table 'Default Type' below'.</p>
DEFAULT_VALUE (SEE TABLE BELOW)	The default value for a selection parameter, which is displayed for the user. The Default_Value is associated to the Default_Type (NORMAL, CODE, COUNTRY, CITY, ZONE and DATE) that is used on the selection parameter. See table 'Default Type – Default Value' below'.
DEFAULT_SHOW	If the value = Y then this parameter will be displayed for the user. If the value is = N then this parameter will not be displayed. This can be used to set restrictions associated to COUNTRY, CITY and ZONE.

Restriction on selection parameter	Explanation
%Least=0,end,	GADD will accept a NULL value or the value %. A confirmation message will be displayed for the user, who decides if the execution of the query shall continue or not.
%Least=1,end,	GADD will not accept a NULL value or the value %. At least one character has to be entered.
%Least=2,end,	GADD will not accept a NULL value. At least two characters have to be entered.
%Least=3,end,	GADD will not accept a NULL value. At least three characters have to be entered.
num_max=100000,end,	GADD will not accept values larger than 100000.
date_min=5,end,	This restriction can only be used on selection parameters of type DATE. GADD steers the values that can be entered in the selection parameter. Note that the effect of the restriction depends on the value in the DEFAULT_TYPE column.*
date_max=5,end,	This restriction can only be used on selection parameters of type DATE. GADD steers the values that can be entered in the selection parameter. Note that the effect of the restriction depends on the value in the DEFAULT_TYPE column.*
list_of_values=se,no,dk,end,	This restriction can be used on selection parameters of type COUNTRY, CITY, ZONE and CODE. GADD will only allow the values defined in list_of_values entered in the selection parameter. E.g. if list_of_values=se,no,dk,end, the user is only allowed to run the query for countries: se, no and dk. If the user enters other countries, a message box will inform him about the restriction.
<p>*Important about DATE formats! The values in column PARAM_INFO is depending on the values in column DEFAULT_TYPE. E.g. if the DEFAULT_TYPE is YYYYWW and you enter date_min=-5,end, in the PARAM_INFO column, the user cannot enter a value earlier than five weeks back. If the DEFAULT_TYPE is YYYYMM and you enter the same value (date_min=-5,end,) in the PARAM_INFO column, the user cannot enter a value earlier than five months back! If the DEFAULT_TYPE is DATE, the default date format used is YYYY-MM-DD.</p>	
<p>Important about CAPITAL letters! Normally the parameter values that are entered by the user, if it is characters, are converted to capitals by GADD when executing the query. If they should not be converted to capitals then enter the value = NO_CAPS=Y,end, in the Param_Info field. It is possible to combine e.g. value = NO_CAPS=Y,end,%Least=1,end,</p>	

DEFAULT_TYPE (Selection parameter)	Explanation
NORMAL	Selection parameters defined as default type NORMAL are not associated with anything.
CODE	Selection parameters defined as default type CODE will be associated with codes defined in the CODE_DESC table.
COUNTRY	Selection parameters defined as default type COUNTRY will be associated with codes defined in the COUNTRY_DATA table.
CITY	Selection parameters defined as default type CITY will be associated with codes defined in the COUNTRY_CITY table.
ZONE	Selection parameters defined as default type ZONE will be associated with codes defined in the COUNTRY_ZONE table.
DATE	<p>Selection parameters defined as default type DATE will be associated with a calendar function.</p> <p>The default date format is YYYY-MM-DD. Other date formats that can be used are:</p> <p>YYYYMMDD, YY-MM-DD, YMMDD, YYYY-MM, YYYYMM, YMM, YYYYWW, YYYY-WW, YYWW and YY-WW.</p>

DEFAULT_TYPE (Selection parameter)	DEFAULT_VALUE
NORMAL	The value entered in DEFAULT_VALUE is the value displayed for the user.
CODE	The value defined in DEFAULT_VALUE is the value displayed for the user.
COUNTRY	The country defined for the user in the user database is the value displayed for the user.
CITY	The city defined for the user in the user database is the value displayed for the user.
ZONE	The zone defined for the user in the user database is the value displayed for the user.
DATE	If the selection parameter is of type DATE, today's date will be displayed if the value is set to 0. If the value is set to -10, today's date minus 10 days will be displayed.

3.3. QUERY_PARAM_GROUP

QUERY_PARAM_GROUP contains the grouping parameters for the query. Grouping parameters define how the retrieved data should be grouped in the report. Grouping can be defined on date or on column name.

Parameter	Description
PACKAGE_ID	The unique id for the package.
QUERY_ID	The query id. Presented automatically.
PARAM_NUMBER	A sequential number that decides the display order for this grouping alternative.
PARAM_COLUMN_NAME	The name for this grouping alternative. Displayed for the user.
PARAM_COLUMN_ID	The id for this grouping alternative.
PARAM_COLUMN_DESC	The description of this grouping alternative.
PARAM_COLUMN_TYPE	The type of this grouping alternative.
PARAM_GROUP_TYPE	Value can be PARAM_GROUP_BY or PARAM_GROUP_DATE_BY.
PARAM_DEFAULT_VALUE	The default value. Displayed for the user.

3.4. QUERY_FORMAT

The QUERY_FORMAT table contains defined formatting for the grid, graph, HTML reports, MS Excel export functionality and Access integration.

It is recommended that at least format code XL and GD are defined. Enter

ExcelIntegration=Y,end,
ExcelIntegrationUseTemplate=GADD_Report_5XL.xltn,end,
ExcelXLTImport=Y,end,

for the XL format, in order to use the standard GADD Excel template (GADD_Report_5XL.xltn) when exporting the query result to MS Excel. The GD format code can remain empty if no formatting is required.

See document “GADD_QueryFormat_Codes.xls” for more format codes.

Parameter	Description
PACKAGE_ID	The unique id for the package.
QUERY_ID	The id of the query that this format information belongs to. Automatically presented.
FORMAT_CODE <i>(SEE TABLE BELOW)</i>	The format code can be GR (graph), GD (grid), XL (Excel), RP (Active Report), HT (HTML

	Report), DC (Cube) and AC (MS Access integration).
FORMAT_PARAM	The format parameters that define how it should be formatted. See separate documentation: "GADD_QueryFormat_Codes.xls".

Format Code	Example of use
GD (Grid)	Used to define e.g. currency conversion, decimals and if the data should be exported directly to MS Excel.
RP (Grid)	Used to define e.g. sub totals, outlining, merge and alignment of columns.
GR	Used to format graph.
XL (MS Excel)	Used to define e.g. the use of the GADD standard Excel template (GADD_Report_5XL.xltm) and query unique templates.
HT (HTML)	Used to define the HTML report.
DC	Used to define the pivot table and pivot graph in Excel.
AC (MS Access)	Used to define export of data to an MS Access database.

3.5. TREE_NODES

This table contains information about the query categories. Using query categories the reports will be organised into groups to get an overview of the reports in the GADD application.

Parameter	Description
PACKAGE_ID	The query package the query category belongs to.
TREE_NODE_CODE	Identifying query category. Note, that the first four characters of the Query category id must be STDQ.
TREE_NODE_NAME	The name that will be displayed for the user in the GADD application.
TREE_NODE_ORDER	Decides in which sequence the query categories will be placed.

TREE_NODE_EXPANDED	If YES then the query category will be expanded by default. If No the category will not be expanded.
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3.6. QUERY_COLUMN_DESC

Contain descriptions of the column names, i.e. the column headers in the grid. In this table descriptions of the column names are defined. The descriptions will appear as complementary information on tab "Information" in the GADD application, as well as in the printed report.

Parameter	Description
PACKAGE_ID	The query package the column description belongs to. If not set or set to the value COMMON then this information will apply for all query packages.
COLUMN_NAME	Should correspond to the column name defined in the SQL statement in the query.
COLUMN_NAME_SHORT	Short name. Should have the value = x if not used.
COLUMN_DESCRIPTION	Description of the data presented in this column.

3.7. QUERY_CLUSTER

Contains information about query cluster queries, e.g. query cluster type and execution sequence.

Parameter	Description
PACKAGE_ID	The query package the query belongs to.
QUERY_ID_INITIATOR	The query id of the query initiator/viewer connected to the Query Cluster query.
QUERY_ID	The query id of the Query Cluster query (retrievers).
QUERY_TYPE	Type of Query Cluster query (Retriever / Viewer).
SEQUENCE	Decides the sequence in which the Query Cluster queries should be executed.
EXECUTE	If YES the query will be executed. If no the query will not be executed.

For more information about Query Cluster see document "Query_Cluster_Checklist.pdf".

3.8. QUERY_DESTINATION

Contains information on which target databases a query should be executed in. Used if the same query should be sent to more than one target database (Query Cluster multiple Destination).

Parameter	Description
PACKAGE_ID	The query package the query belongs to.
QUERY_ID	The query id of the Query Cluster query.
SEQUENCE	Decides the sequence in which the Query Cluster queries should be executed.
DB_CONNECT_STRING	The connect string to the target database where the Query Cluster query should be executed.
DB_CONNECTION_TYPE	The connect type used when connecting to the target database. Values can be 1, 2, 3 or 4. (=1st, 2nd, 3rd and 4th target database).
DB_USER_ID	The user id used to logon the target database. Values can be 1, 2, 3 or 4. (=1st, 2nd, 3rd and 4th target database).
DB_PASSWORD	The password used to logon the target database. Values can be 1, 2, 3 or 4. (=1st, 2nd, 3rd and 4th target database).
DB_PASSWORD_ENCIPHER	The enciphered password to target database. Values can be 1, 2, 3 or 4. (=1st, 2nd, 3rd and 4th target database).
DB_SQL_DIALECT	The sql dialect used in the target database. Values can be 1, 2, 3 or 4. (=1st, 2nd, 3rd and 4th target database).

3.9. QUERY_PACKAGE

In the query database the queries are organised into query packages. This structure is necessary to achieve an efficient and reliable maintenance of a central query database. It is also used when defining user / user group access to reports. Different system parameters can be defined for different query packages, which offer the possibility to meet specific requirements within the organisation.

Parameter	Description
PACKAGE_ID	The query package the query belongs to.
PACKAGE_NAME	The name of the query package.
SEQUENCE	Decides the display sequence of the query packages in "Display Query Db" in the GADD application.
START_ALLOW_QRY	The start time for allowing execution of queries in the query package.
STOP_ALLOW_QRY	The stop time for allowing execution of queries in the query package.

4. Area: SYSTEM

In the System area the following tables, used to define settings for GADD installations, are included:

Table	Description
SYSTEM_PARAMETER	This is where the system parameter for the query database and the GADD installation are defined. This is primarily done when creating a new query database.
SYSTEM_PARAMETER_COUNTRY	Contains system parameters that are defined for a specific country. System parameters defined on country level overwrites the system parameters defined in table System Parameter.
CURRENCY	Contains information about currencies used by the GADD Applications. The currency information can be used for converting different currencies to a common currency (e.g. Euro).
TARGET_DB_VARIANT	Contains information about target databases defined for the “Change Target Database” functionality, which enables the user to execute reports in different target databases.

4.1. SYSTEM_PARAMETER

Defining the information in this table is something that is primarily done when creating a new Query Database. The table contains information about the query packages, target database addresses and information, URL addresses for help and other system parameters.

If the same system parameter also is defined in table SYSTEM_PARAMETER_COUNTRY this will override the parameter defined in SYSTEM_PARAMETER.

For more information about system parameters see document “GADD NET System Parameters.pdf”.

Parameter	Description
PACKAGE_ID	The query package the system parameter belongs to.
PARAM_ID	The name of the parameter. Note! The parameter id is case sensitive.
PARAM_VALUE	The values of the parameter, e.g. True/False, TNS name or URL address depending on the defined parameter.
PARAM_DESCRIPTION	Description of the use of the parameter.

PARAM_TYPE	The type of the parameter, e.g. Ap, General, Graph, Grid, Qm, QmDBC5 and User database.
PARAM_MODIFY	User Id identifying the person responsible for defining /changing the system parameter.
PARAM_CREATED	Date when the parameter was defined or changed.
PARAM_STATUS	The status of the parameter, e.g. obsolete, normally not used.

4.2. SYSTEM_PARAMETER_COUNTRY

Table System_Parameter_Country contains system parameters that are defined for a specific country. System parameters defined on country level overrides the system parameters defined in table System_Parameter. This offers the possibility to meet specific requirements from different countries regarding the GADD functionality.

Parameter	Description
PACKAGE_ID	The query package the system parameter belongs to.
CTY_CODE	The country the system parameter belongs to.
PARAM_ID	The ID (name) of the parameter. Note! The parameter id is case sensitive.
PARAM_VALUE	The value of the parameter.

4.3. COUNTRY_CURRENCY

Contains information about currencies used in the GADD applications. The currency information can e.g. be used for converting different currencies to a common currency (e.g. Euro).

Parameter	Description
PACKAGE_ID	The query package the currency belongs to.
CTY_CODE	The country the currency belongs to.
CURR_CODE	The code for the currency, e.g. SEK (Swedish kronor).
ECU_FACTOR	The currency factor for used when the currency is converted to Euro.
CURR_DIVIDER	The currency divider used when the currency is converted, e.g. from Swedish öre to SEK.

4.4. TARGET_DB_VARIANT

The “Change Target Database” functionality enables the user to execute reports in different target databases in the GADD application. Available target databases are defined in this table including country and user security level information.

If the target database, that GADD connects to when the application is started, should be dependent on the country that the user belongs to, then the target database is defined in table System_Parameter_Country.

To activate the “Change target database” functionality the following system parameter has to be defined in table System_Parameter:

- `blnQmAllowChangeTargetDatabase` – To activate the functionality “Change target db” this system parameter should be set to “True”.

If the use of the “Change target database” functionality should be restricted to users with a certain security level this is defined by the following system parameter:

- `intQmAllowChangeTargetDbSecL` – Security level 1-10 can be defined.

Parameter	Description
PACKAGE_ID	The query package the target database variant belongs to.
COUNTRY_ID	The country id. If value is * then it's expected to apply for all countries.
TARGET_DB_NAME	Describing the name of the target database variant and is displayed for the user.
CONNECT_STRING	The address (TNS) to the 1st target database.
CONNECT_STRING_2DB	The address (TNS) to the 2nd target database.
CONNECT_STRING_3DB	The address (TNS) to the 3rd target database.
CONNECT_STRING_4DB	The address (TNS) to the 4th target database.
SEC_LEVEL	The security level which is used to control user access.
AVAILABLE	If value is set to N then this target database will not be available for the user to select.

5. Area: SELECTION

In the Selection area tables with selection codes are administered. The tables can contain codes like product type, payment type etc. “Select Area” contains codes with “geographical” orientation and can be used on Country level with two additional sub levels; City and Zone.

In the selection area the following tables are included:

Table	Description
CODE_DESC	Contains global/general selection codes.
COUNTRY_DATA	Contains selection codes on country level.
COUNTRY_CITY	Contains selection codes on city level.
COUNTRY_ZONE	Contains selection codes on zone level.
COUNTRY_CURRENCY	Contains currency code and exchange rate.

5.1. CODE_DESC

Selection parameters defined with CODE as DEFAULT_TYPE will be displayed in a combo box in the UI.

Parameter	Description
PACKAGE_ID	The query package the code belongs to.
CODE_TYPE	Should be unique for these codes. Use e.g. the same column name that is used in the database from where this information origin. Not displayed for the user.
CODE_TYPE_TEXT	The common name for a group of selection codes, e.g. “Product Type”. Displayed for the user.
CODE_ID	The id of the selection code. The group of selection codes named “Product Type” (=CODE_TYPE_TEXT) includes several selection codes (CODE_ID), e.g. Orange, Purple, Red etc. These are displayed for the user.
CODE_ID_TEXT	Short text that, if necessary, explains the meaning of a CODE_ID. Displayed for the user.

5.2. COUNTRY_DATA

These selection codes contain information on country level, e.g. flag picture and date format.

Parameter	Description
PACKAGE_ID	The query package the code belongs to.
CTY_CODE	Code identifying the country.

CTY_NAME	The name of the country.
DATE_FORMAT_CODE	Normally not used. Defines the format of the date. Value is set to = 1.
CURR_FORMAT_CODE	Normally not used. Defines the format of the currency. Value is set to = 1.
COS_ORACLELINK	Only used if there exist database links in the target database. If not used then the value should be = x. This is obsolete and may be removed in coming versions.
PIC_ID	Usually a flag. Enter the CTY_CODE (in lower case letters) representing the country. If there is no picture available for the country the value should be = XX.

5.3. COUNTRY_CITY

City is a sub level to Country, and contains cities (or offices / business units) for each country.

Parameter	Description
PACKAGE_ID	The query package the code belongs to.
COUNTRY_ID	Code identifying the country.
CITY_ID	Id of a City, Office or Business Unit in a country.
CITY_DESCR	Description of the CityId.
PIC_ID	Picture icon name. Value is set to = city.

5.4. COUNTRY_ZONE

ZONE is a sub level to COUNTRY and contains zones (e.g. area or other units) for each city.

Parameter	Description
PACKAGE_ID	The query package the code belongs to.
COUNTRY_ID	Code identifying the country.
ZONE_ID	ID of a ZONE or other unit in a country.
ZONE_DESCR	Description of the ZONE_ID.
PIC_ID	Picture icon name. Value is set to = zone.

5.5. COUNTRY_CURRENCY

Parameter	Description
PACKAGE_ID	The query package the code belongs to.
CTY_CODE	The country code, e.g. SE
CURR_CODE	The currency code, e.g. SEK
ECU_FACTOR	Euro converter amount
CURR_DIVIDER	Value to be used when getting the normalized amount for a country, e.g. Sweden saves every amount in 'Ören' and this value needs to be divided with 100 to get it in 'Kronor'.

6. Area: TRANSLATION

In the Translation area translation to local language is administered. Translation to local language can be applied on selection codes, query name, report description, query category and query column description. Language controls the display of translation to local language. This means that if there is a translation of selection codes defined for SP (Spain), only users with Language SP will have the selection codes displayed in Spanish when working in GADD.

In the Translation area the following tables are included:

Table	Description
CODE_DESC_TRANSLATE	Contains selection codes that have been translated to local language.
QUERY_OBJECT_TRANSLATE	Contains query names and report descriptions that have been translated to local language.
QUERY_COLUMN_DESC_TRANSLATE	Contains descriptions of column names translated to local language.
TREE_NODES_TRANSLATE	Contains query category names that have been translated to local language.

6.1. CODE_DESC_TRANSLATE

This table contains selection codes that have been translated to local language. This information appears in the “Select Code” window. This table is empty if translations are not used.

The columns in this table are identical to the columns in table CODE_DESC except for column LANGUAGE_ID.

Parameter	Description
PACKAGE_ID	The query package the code translation belongs to.
LANGUAGE_ID	The language that should be used for translation. Users with matching LANGUAGE_ID will get translated selection codes when working in GADD.
CODE_TYPE	Should be unique for these codes. Use e.g. the same column name that is used in the database from where this information origin. Not displayed for the user.
CODE_TYPE_TEXT	The common name for a group of selection codes, e.g. “Product Type”, translated to local language. Displayed for the user.
CODE_ID	The id of the selection code translated to local language. The group of selection codes named “Product Type” (=CODE_TYPE_TEXT) includes several selection codes (=CODE_ID), e.g. Orange, Purple, Red etc. which are displayed for the user.
CODE_ID_TEXT	Short text that, if necessary, explains the meaning of a CODE_ID translated to local language. This is also displayed for the user.

6.2. QUERY_OBJECT_TRANSLATE

Contains query names and report descriptions that have been translated to local language. This information appears in the GADD applications Query window (query name) and in the Execute Query window (query name and report description). This table is empty if translations are not used.

Parameter	Description
Parameter	Description
PACKAGE_ID	The query package the translation belongs to.
LANGUAGE_ID	The language that should be used for the translation. Users with matching LANGUAGE_ID will get translated query name and report description when working in GADD.
QUERY_ID	The id of the query that should have query

	name and report description translated.
QUERY_NAME	The name of the query that should have query name and report description translated.
QUERY_COMMENT	The report description for the defined query translated to local language.

6.3. TREE_NODES_TRANSLATE

Contains query category names that have been translated to local language. The columns in this table are identical to the columns in table Query Category except for column LANGUAGE_ID.

Parameter	Description
PACKAGE_ID	The query package the translation belongs to.
LANGUAGE_ID	The language that should be used for translation. Users with matching LANGUAGE_ID will get translated query category name when working in GADD.
TREE_NODE_CODE	The id of the query category that should be translated.
TREE_NODE_NAME	The name of the query category translated to local language.

6.4. QUERY_COLUMN_DESC_TRANSLATE

This table contains descriptions of column names translated to a local language. The columns in this table are identical to the columns in table QUERY_COLUMN_DESC except for column LANGUAGE_ID.

Parameter	Description
PACKAGE_ID	The query package the query column translation belongs to.
LANGUAGE_ID	The language that should be used for translation. Users with matching LANGUAGE_ID will get translated query column names when working in GADD.
COLUMN_NAME	The name of the column that should be translated.
COLUMN_NAME_SHORT	
COLUMN_DESCRIPTION	The description of the column translated to local language.