Oracle® Banking Treasury Management

Gateway and LOV Enhancer

Release 14.8.0.0.0

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Oracle Banking Treasury Management Gateway and LOV Enhancer, Release 14.8.0.0.0

Contents

Preface

This document describes the steps to develop the notification XML and notification trigger using Oracle FLEXCUBE Development Workbench.

Purpose

This document describes helps developer to familiarize with ORACLE FLEXCUBE Development Workbench.

Audience

This guide is intended for the central administrator of the Bank who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application.

Documentation Accessibility

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Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Basic Actions

Table 1 Basic Actions

Action	Description
Approve	Used to approve the initiated report. This button is displayed, once the user click **Authorize**.
Audit	Used to view the maker details, checker details, and report status.
Authorize	Used to authorize the report created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a report, created by a maker.
Close	Used to close a record. This action is available only when a record is created.
Confirm	Used to confirm the performed action.
Cancel	Used to cancel the performed action.
Compare	Used to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click **Authorize**.
Collapse All	Used to hide the details in the sections. This button is displayed, once the user click **Compare**.
Expand All	Used to expand and view all the details in the sections. This button is displayed, once the user click **Compare**.
New	Used to add a new record. When the user click **New**, the system displays a new record enabling to specify the required data.
OK	Used to confirm the details in the screen.
Save	Used to save the details entered or selected in the screen.
View	Used to view the report details in a particular modification stage. This button is displayed in the widget, once the user click **Authorize**.

Table 1 (Cont.) Basic Actions

Action	Description
View Difference only	Used to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click **Compare**.
Unlock	Used to update the details of an existing record. System displays an existing record in editable mode.

Related Resources

For more information on any related features, refer to the following documents

- End user license agreement.
- Oracle Banking Treasury Management User Manuals.

Conventions

The following text conventions are used in this document:

Table 2 Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Symbols and Icons

The following symbols and icons are used in the screens.

Table 3 Symbols and Icons - Common

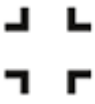
Symbol/Icon	Function
	Minimize

Table 3 (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	Maximize
	Close
	Perform Search
	Open a list
	Add a new record
	Navigate to the first record
	Navigate to the last record
	Navigate to the previous record
	Navigate to the next record

Table 3 (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	Grid view
	List view
	Refresh
	Click this icon to add a new row.
	Click this icon to delete an existing row.
	Click to view the created record.
	Click to modify the fields.
	Click to unlock, delete, authorize or view the created record.

Table 4 Symbols and Icons - Audit Details

Symbol/Icon	Function
	A user
	Date and time
	Unauthorized or Closed status
	Authorized or Open status

Table 5 Symbols and Icons - Widget

Symbol/Icon	Function
	Open status
	Unauthorized status
	Closed status
	Authorized status

Prerequisite

Specify the **User ID** and **Password**, and login to **Home** screen.

1

Development Workbench of Gateway and LOV Enhancer

1.1 Overview of Gateway Screen Development

This topic provides an overview of gateway screen development for Oracle FLEXCUBE Universal Banking.

Oracle FLEXCUBE Universal Banking ODT provides the developer with a user-friendly console for designing and developing screens for Oracle FLEXCUBE Universal Banking.

ODT assists developers in designing screens with the capability of generating front-end scripting files, PL/SQL Packages, Static data scripts, XSDs, Excel templates, and HTML files. This generated code performs validations and does some processing which is common across screens in Oracle FLEXCUBE Universal Banking, only the Business logic specific to the screen has to be added by the developer in the back end and front end units.

Release Name: FC 12.1

Release Type: KERNEL, CLUSTER, CUSTOM

ODT will generate all files, and developers are supposed to add the business logic in designated units depending on the Release Type.

Radxml

ODT saves all the activities carried out by the developer in an XML file hereby referred to as **radxml**. The persistence of the screens is achieved through radxml. All the units required for the working of a screen can be generated from its **radxml**.

If some changes are required on the screen in a future release, the same radxml can be loaded, and changes can be done on this radxml. ODT can segregate the changes done on different releases and saves the radxml accordingly.

Radxml will adhere to following naming convention.

Function ID name + _RAD.xml

For example: STDCULND_RAD.xml

Design Steps

The sequence of steps to be followed while developing a screen in ODT:

1. Identifying the data sources and their relations.
2. Logically grouping the data sources into Data Blocks.
3. Designing Screen Layout.
4. Logically grouping the Block Fields into Fieldsets.
5. Attaching Call forms and launch forms if any.

6. Defining Actions.

While Development, save radxml at constant intervals. Click on the **save** icon. Radxml is saved in the user directory maintained.

- Design Process
  This topic explains the systematic instructions about design process.

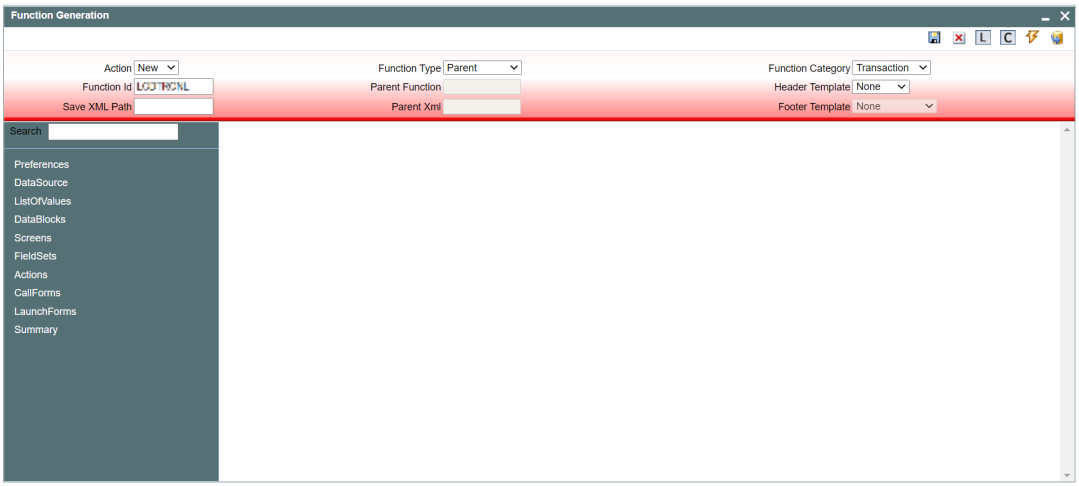
1.1.1 Design Process

This topic explains the systematic instructions about design process.

1. On the **Development Workbench** Home screen, click on **Function Generation**.

   The **Function Generation** screen is displayed.

Figure 1-1 Function Generation



2. On the **Function Generation** screen, specify the fields.

Table 1-1 Function Generation

Field	Description
Action	New and Load options are provided for this field. For a new screen development, select the action as **New**. If an existing screen Radxml has to be loaded for customization, select the **Load** option. If the action is **Load** then the corresponding Radxml has to be loaded using **Browser** option in Save Xml Path; all the header information gets populated.
Function Id	If the Action is selected as **New**, the function Id name needs to be specified. Function Id is the unique name with which a screen is identified. Function Id name should follow the FLEXCUBE standard naming convention. • Function Id name to have a maximum length of 8 characters. • For detail screens the third character should be **D**. • For report screens the third character should be **R**. • For call form function id's the third character should be **C**. • First 2 characters specifies the module name for which the particular function id is used(recommended).

Table 1-1 (Cont.) Function Generation

Field	Description
Save XML Path	The label description of the field will change depending on the action. If the action is **Load**, ODT attaches a **Browse** button to it so that the user can browse the Radxml and load it.

1.2 Overview of LOV Enhancer

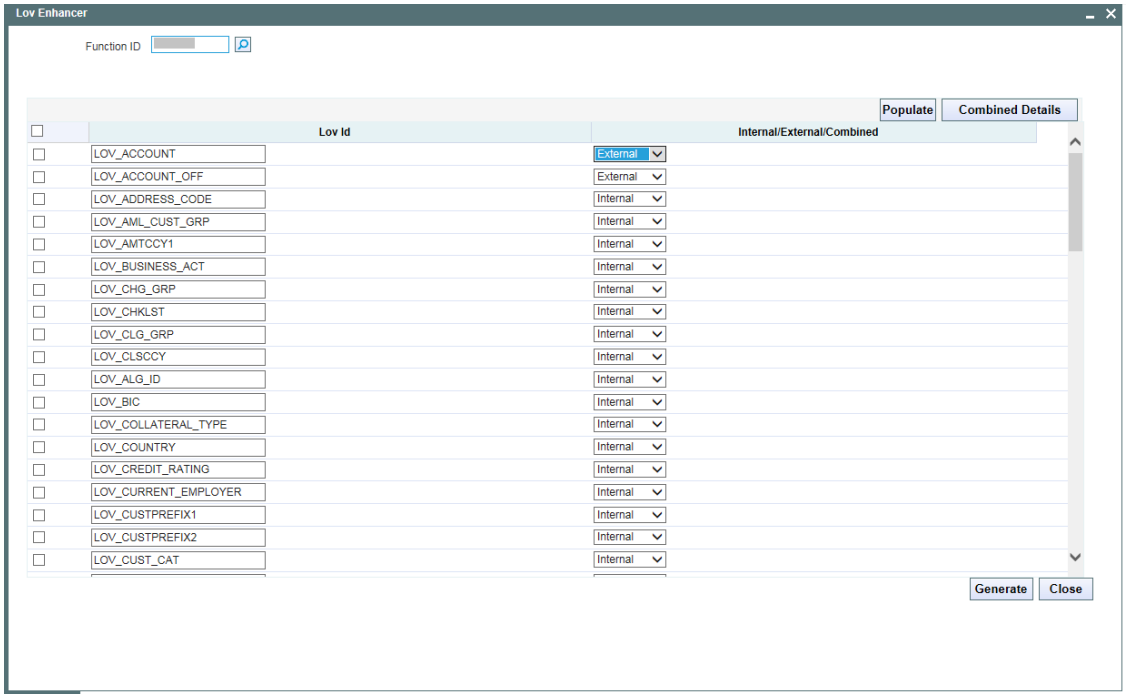
This topic provides an overview of LOV Enhancer.

Lov Enhancer is used to map Lov's of Screens to External or Combined Lov's.

External LOV

Lov of a screen is mapped to External Lov. All the data populated and data fetched in the lov will be from the external system. The user has to select the lov as External on the screen.

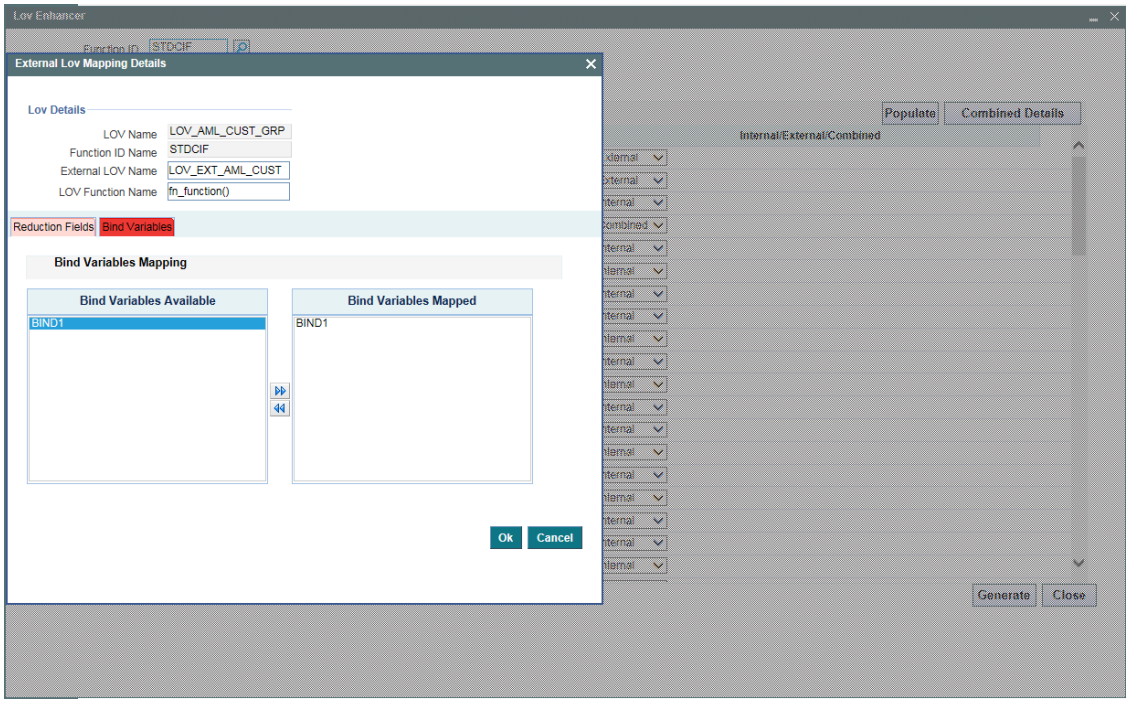
Figure 1-2 Lov Enhancer



Combined LOV

User can use a combination of Lov's from external and internal, where we will provide details of external Lov's bind variable and reduction field details.

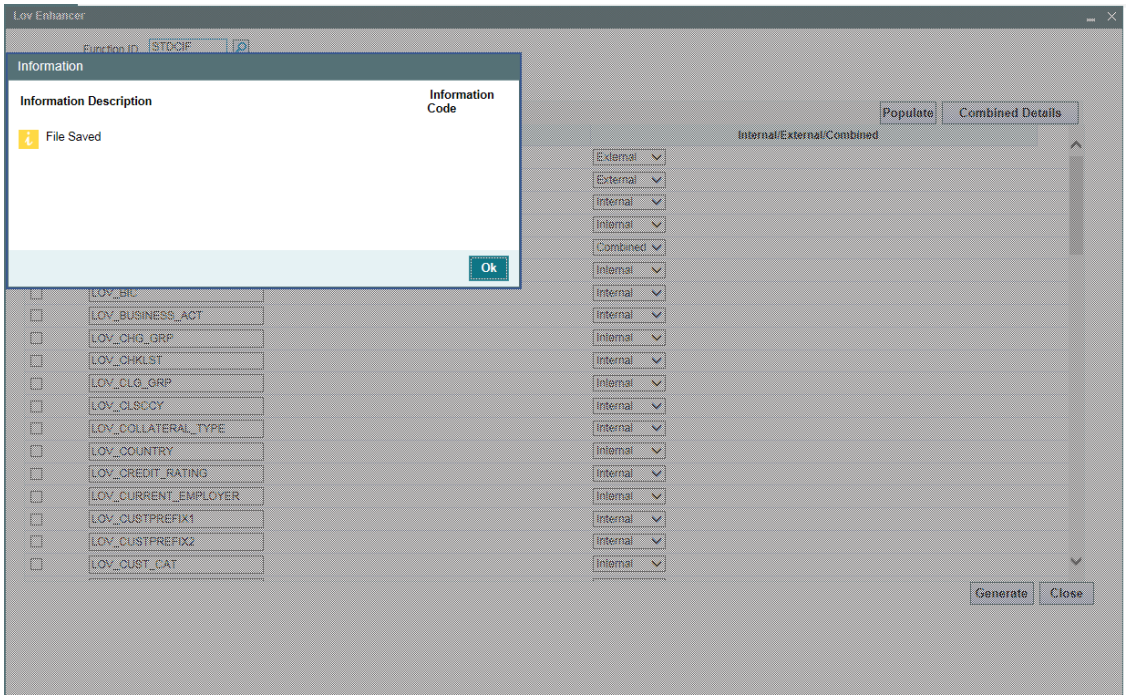
Figure 1-3 External Lov Mapping Details



Here user will provide details for external LOV. When generated after the modifications, INC will be generated with the below kind of data.

```
UPDATE CSTB_LOV_INFO SET LOV_TYPE = 'E' WHERE FUNCTION_ID='STDCIF' AND LOV_ID
IN ('LOV_ACCOUNT','LOV_ACCOUNT_OFF')
/
UPDATE CSTB_LOV_INFO SET LOV_TYPE = 'C' WHERE FUNCTION_ID='STDCIF' AND LOV_ID
IN ('LOV_AML_CUST_GRP')
/
DELETE CSTB_CMB_LOV_INFO A WHERE A.FUNCTION_ID IN ('STDCIF');
INSERT INTO CSTB_CMB_LOV_INFO (FUNCTION_ID, LOV_ID, EXTERNAL_LOV_ID,
LOV_FUNCTION, REDUCTION_LIST, BIND_LIST) VALUES
('STDCIF','LOV_AML_CUST_GRP','LOV_EXT_AML_CUST','fn_function()','','1~')
/
COMMIT;
```

Figure 1-4 Information



Glossary

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