

Oracle® Banking Enterprise Limits and Collateral Management

Development of Report Forms



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ORACLE®

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Preface

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

- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Basic Actions](#)
- [Related Documents](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)

The list of the acronyms and abbreviations used in this guide are as follows:

- [Symbols and Icons](#)
The lists of symbols, buttons and shortcut key that are used in the application to perform various tasks are covered in this topic.
- [Prerequisite](#)

1.1 Audience

This guide is intended for the following User/User Roles:

Table 1-1 Audience

Role	Function
Back office data entry clerk	Input functions for funds
Back office managers/officers	Authorization functions
Product Managers	Product definition and authorization
End of day operators	Processing during end of day / beginning of day

1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

1.3 Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches](#), [Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

1.4 Diversity and Inclusion

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.

1.5 Basic Actions

Table 1-2 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 1-2 (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.

1.6 Related Documents

For more information refer to the Oracle Banking manuals on:

- Development of Launch Forms and Others Screens
- Enterprise Collaterals User Guide
- Enterprise Limits and Collaterals Common User Guide

1.7 Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	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.

1.8 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.

1.9 Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

Table 1-3 Acronyms and Abbreviations

Acronyms	Abbreviations
CIF	Customer Information File
CASA	Current Account and Savings Account
DDA	System that holds the CASA account and balances
ELCM	Enterprise Limits and Collateral Management
ECA	External Credit Approval

Table 1-3 (Cont.) Acronyms and Abbreviations

Acronyms	Abbreviations
FCUBS	Oracle FLEXCUBE Universal Banking Solution
GW	Gateway
HTTP	Hyper Text Transfer Protocol
ID	Identification Number
Mark EOTI	Mark End of Transaction Input
Mark TI	Mark Transaction Input
OFSA	Oracle Financial Services Analytical Applications
ORMD	Oracle Revenue and Billing Management
PK	Primary Key
RDBMS	Relational Data Base Management System
SMS	Security Services
UI	User Interface
VD	Value Date
XML	Extensible Mark-up Language
XSD	XML Schema Definition
XSLT	Extensible Stylesheet Language Transformations

1.10 Symbols and Icons

The lists of symbols, buttons and shortcut key that are used in the application to perform various tasks are covered in this topic.

Table 1-4 Symbols and Icons

Icons	Function
	Perform search
	Minimize
	Navigate to the next record
	Navigate to the previous record
	Toggle OFF
	Toggle ON
	Delete
	Click this icon to add a new row.
	Click this icon to delete an existing row.
	List view

Table 1-4 (Cont.) Symbols and Icons

Icons	Function
	Maximize
	Navigate to the first record
	Navigate to the last record
	Advance search
	Search record
	Save the record
	Reset the record
	Clear the record

Table 1-5 Symbols and Icons - Audit Details

Icons	Function
	A user
	Branch details
	Date and Time

1.11 Prerequisite

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

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Introduction

3

Overview of FLEXCUBE Reports

This topic describes about the Overview of FLEXCUBE Reports.

Reports in FLEXCUBE UBS are used to fetch the data from Oracle FLEXCUBE Universal Banking database Schema based on the report Query criteria and render on screen or print.

FLEXCUBE UBS uses two software as reporting platforms.

- Oracle Business Intelligence Publisher (BIP)
- Oracle Business Intelligence Enterprise Edition (OBIEE)

This document describes the process of designing a Report Form for a BIP Report using Development Workbench. The process of designing RTF and XDO files are not explained in this manual.



Note:

This document assumes a given report RTF file and data template XML is already available.

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Designing Report Form

This topic describes the systematic instruction to Designing Report Form

Login to FLEXCUBE Development workbench

1. From browser, select '**Function Generation**'
2. Select '**New**' from '**Action**', and set the function type as '**Report**' from the drop down list in '**Function Category**'. Type in the name of the screen; make sure that the third letter of the name is '**R**'
3. Add data sources by right clicking on '**DataSource**'. In a report screen, the only table that should be added is '**CSTB_UI_COLUMNS**'. Add columns from the table as required. The number of columns to be added depends on the number of report parameters required in the report screen. Add as many fields as required in the report screen.
4. Right click on data blocks and add block fields.

There are some generic report parameters which needed to be added in any report screen. They are:

- PM_MINOR
- PM_BRANCH_CODE
- PM_BRANCH_DATE
- PM_BRANCH_DESC
- PM_CURRENT_USER
- PM_LCY
- PM_LANGUAGE
- PM_MODULE

Note:

While adding columns to the data source CSTB_UI_COLUMNS, take these generic parameters also into consideration.

Figure 4-1 Report Screen design

The screenshot shows the 'Function Generation' window. At the top, there are fields for 'Action' (New), 'Function Id' (STRCU000), 'Save XML Path' (D:\RADTOOL), 'Function Type' (Parent), 'Parent Function', 'Parent XML', 'Function Category' (Report), 'Header Template' (None), and 'Footer Template' (None). Below this is a 'Search' bar and a 'Preferences' section. The 'Preferences' section has a tree view on the left with folders like 'Preferences', 'DataSource', 'ListOfValues', 'DataBlocks', 'Screens', 'FieldSets', 'Actions', 'CallForms', 'LaunchForms', and 'Summary'. The main area contains several checkboxes: 'Head Office Function', 'Logging Required', 'Auto Authorization', 'Tank Modifications', 'Field Log Required', 'Multi Branch Access', and 'Excel Export Required'. To the right, there are fields for 'Module' (ST), 'Module Description' (Static Maintenance), 'Branch Program Id', 'Process Code', 'SVN Repository URL', 'Transaction Block Name' (Choose Block), and 'Transaction Field Name' (Choose Field). At the bottom, there is a table with columns 'Function Id', 'Module', and 'Module Description'. The table contains one row with 'STRCU000', 'ST', and 'Static Maintenance'.

The 'Report Parameter' checkbox has to be checked in case of report parameters. Also, 'Visible' has to be unchecked in all generic parameters. Also, default values are to be given to some of these fields

For example,

PM_BRANCH_CODE specify the Default value as GLOBAL.CURRENT_BRANCH,
 PM_BRANCH_DATE specify the Default value as GLOBAL.APPLICATION_DATE,
 PM_CURRENT_USER specify the Default value as GLOBAL.USER_ID.

Development Workbench would automatically add the Report Options for all Report screens. Following are the report options

- Report Format
 - Report Output (Print, Spool, View)
 - Print At (Client/Server)
 - Printer ID
5. To add new field set, right click on field set.
 6. Give field set properties:
 7. Save and generate the files:
 8. Deploy the files

Figure 4-2 Adding Data Sources

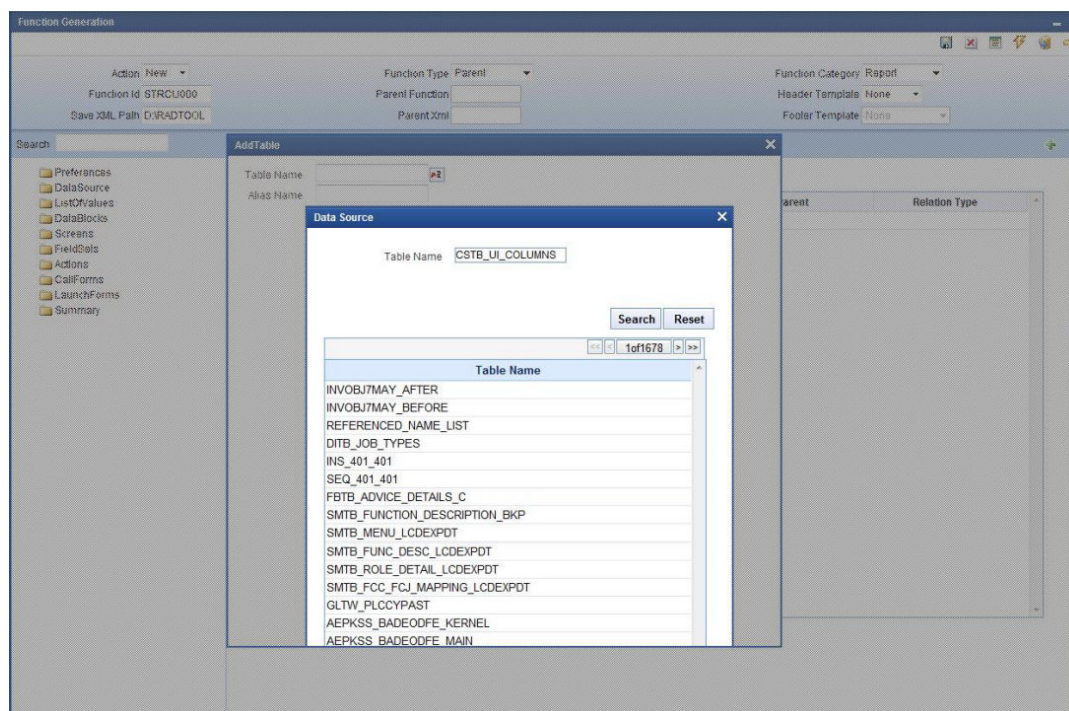
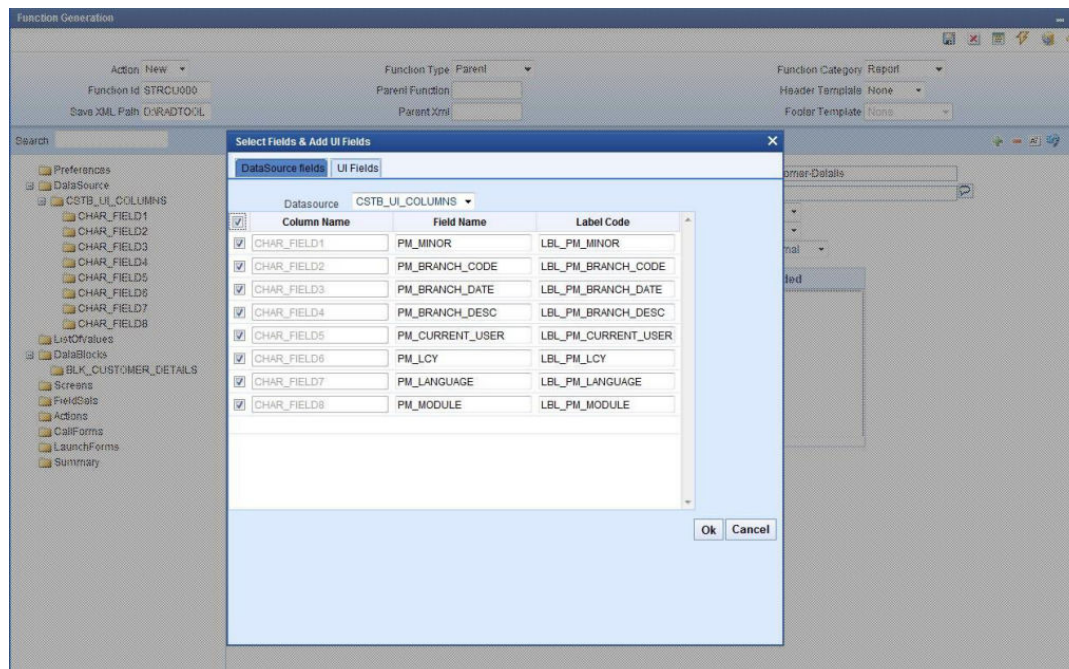


Figure 4-3 Adding Data Block Fields



The report screen can be deployed by clicking on the **'Deploy'** button.

5

RTF and XDO Files

This topic describes about the RTF and XDO Files

The rtf file contains the specification for the layout of the report screen.

The xdo file contains the queries which will pick up the relevant values from the back end. The columns to be loaded also should be added in this file.

Both RTF and xdo files needs to be deployed in the BIP server for launching Reports from FLEXCUBE

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Coding in Hook Package

Coding in Hook Package

- Code for deriving the bind values in xdo query has to be written in Hook package and the same has to be called on loading the xdo .Usually the function **Afterpform** is written in Hook package for this purpose.
- Any functions used in the xdo query is usually written in the Hook package.