

Oracle® Banking Enterprise Limits and Collateral Management

Development of Launch Forms and Others Screens



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Preface

- [Purpose](#)
- [Audience](#)
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- [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 Purpose

This guide is designed to help acquaint you with the Oracle Banking Enterprise Limits and Collateral Management (ELCM) application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

User can further obtain information specific to a particular field by placing the cursor on the relevant field and pressing <F1> on the keyboard.

1.2 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

1.3 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.

1.4 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](#).

1.5 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.

1.6 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.

Table 1-2 (Cont.) Basic Actions

Action	Description
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 .
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.

1.7 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

1.8 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.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1.9 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.

1.10 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

Table 1-3 (Cont.) Acronyms and Abbreviations

Acronyms	Abbreviations
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
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

1.11 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.

Table 1-4 (Cont.) Symbols and Icons

Icons	Function
	Click this icon to delete an existing row.
	List view
	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

1.12 Prerequisite

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

2

Introduction

This topic provides Introduction to this document.

This documents contains the following topics:

3

Launch Forms

This topic describes about the Launch Forms

Launch Forms are nothing but normal screens; which are called from another function id for view data purposes. Launch Forms are used for querying (viewing) the data only; no other processing can be done on launch forms, unlike call forms. Usually, any screen which is used across multiple screens for view purposes is treated as Launch Forms.

Example: Contract Events Screen

Contract Events screen is used across many contract screens for viewing the events that has got fired for the particular contract. So a single screen can be designed for the same and re used across all contract screens

Launch Forms can be launched independently and query operation can be done on the screen independently.

4

Screen Development

This topic describes about the Lunch Forms Screen Development

Technically Launch Forms are the same as normal maintenance or transaction screens. There is no difference in the development of a launch form from a maintenance or transaction screen.

Launch forms can be designed as of type

1. Maintenance
2. Transaction



Note:

A maintenance launch form can be used if it is invoked from maintenance screens and similarly for transaction launch forms.

Naming Convention

Launch Form is nothing but a normal function Id. So it has to follow the same naming convention as any other detail screen. Third letter has to be 'D' and it should have 8 characters.

Example: CSDEVENT, CSDACCNT are valid names for a Launch Form screen

Menu details has to be provided for the Launch form screen as it is a an independent screen . Entries has to be present in smtb_function_description unlike Call Forms

Figure 4-1 Data Source

The screenshot shows the 'Function Generation' window with the 'Data Source Details' tab selected. The 'Data Source' is set to 'CSTBS_CONTRACT'. The 'Master' checkbox is checked, and the 'Relation Type' is set to 'One To One'. The 'Multi Record' checkbox is unchecked. The 'PK Cols' field contains 'CONTRACT_REF_NO', and the 'PK Types' field contains 'VARCHAR2'. The 'Upload Table' field is empty. The 'Parent' field is set to 'CSTBS_CONTRACT', and the 'Relation' is set to 'One To One'. The 'Where Clause' and 'Default Order By' fields are empty. The 'Type' is set to 'Normal', and the 'Mandatory' checkbox is unchecked. The 'Function Category' is set to 'Transaction', and the 'Header Template' and 'Footer Template' are both set to 'None'.

Refer documents on screen development, development of maintenance and transaction screens for designing a Launch Form screens

Screen Arguments

Screen Arguments has to be maintained for the main screen of the launch form. Launch Forms are used only for querying data. Hence ACTION_CODE has to be passed as a screen argument with argument value as EXECUTEQUERY and the Primary Key values for querying in launch Form screen should be passed as the other parameters.

Figure 4-2 Screen arguments

The screenshot shows the 'Function Generation' tool interface. On the left is a tree view with folders like Preferences, DataSource, ListOfValues, DataBlocks, Screens, CYS_EVENTS, FieldSets, Actions, CallForms, LaunchForms, and Summary. The 'Screens' folder is expanded, showing 'CYS_EVENTS'. The 'Screen Details' pane on the right shows the following information:

- Screen Name: CYS_EVENTS
- Screen Title: LBL_MAIN
- Screen Size: Large
- Exit Button Type: Default Cancel
- Checkboxes: ☒ Main Screen, ☒ Visible

Below this information is a table for screen arguments:

Argument Name	Source Block	Source Field	Argument Value	Target Block	Target Field	Active
CONTREF				BLK_EVENT	REFNO	Yes
ACTION_CODE			EXECUTEQUERY			Yes

Generated units

All the units for a normal maintenance or transaction screen will be generated for a Launch Form screen as well.

Note the following while deploying units for Launch Forms

- Entry has to be made manually in CSTB_CALL_FORM_NODES for the launch form. The script won't be generated by the Tool while designing the Launch Form. Hence it has to be inserted manually providing the screen arguments as maintained for Launch Form main screen. Screen arguments has to be inserted in the SCREEN_ARGS column of CSTB_CALL_FORM_NODES separated by a tilde (~)

5

Generated units

This topic describes about the generated units.

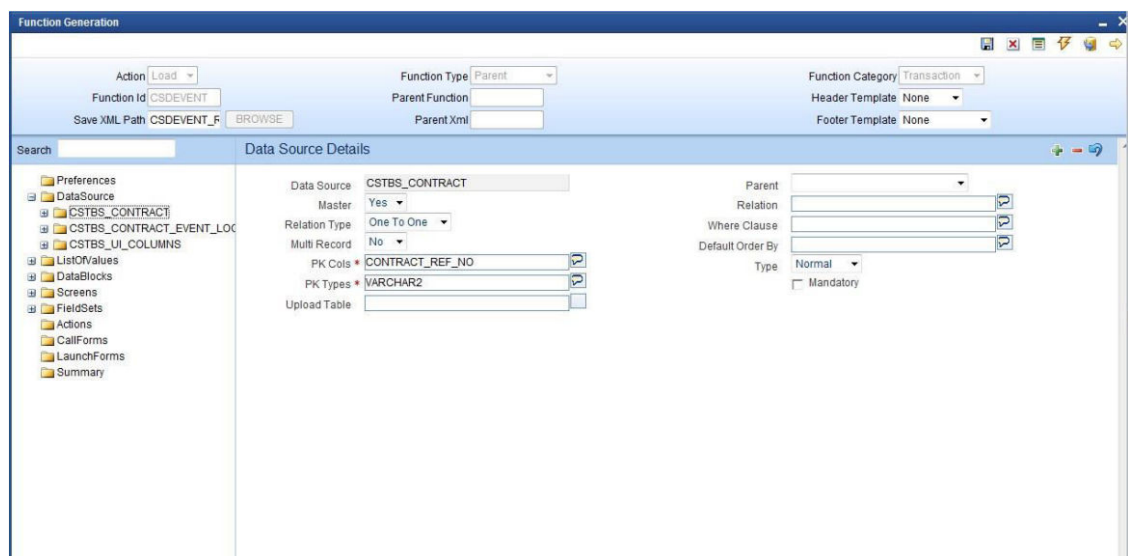
All the units for a normal maintenance or transaction screen will be generated for a Launch Form screen as well.

6

Attaching Launch Form to the Main Function Id

This topic describes about the Attaching Launch Form to the Main Function Id
Launch Forms has to be attached to the main function Id in Launch Form Node

Figure 6-1 Launch Forms



Screen Arguments has to be passed from the main function Id to the Launch Form screen.

Launch forms can be launched by clicking on button placed in the main screen. Button events have to be maintained such that Launch Form will be launched on clicking it.

Refer Launch Form section on Oracle FLEXCUBE Enterprise Limits and Collateral Management ODT Screen Development for detailed explanation

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Extensible development

This topic describes about the Extensible development

Developer can add his code in hook packages and release specific JavaScript file. This is similar to any other Maintenance or Transaction screen.

Any enhancements or change in query logic for the screen can be code in `fn_post_query` of the Hook package of the particular release

8

Others Screens

This topic describes about the Others screens.

If the developer does not want to use the business logic provided by the ODT-generated code, he can create the function Id with the function type as **OTHERS**.

In the generated package, the code will handle only parsing the Ts list to composite PL/SQL type and vice versa. No other processing logic would be provided by the code. The developer has to write the whole business logic in hook packages. This can be useful when the developer wishes to reduce unnecessary code in the main package. For

example: Batch function Ids

Function IDs for processing a batch can be designed as an OTHERS screen. No conventional actions (NEW, SAVE, MODIFY etc) are required for a batch processing screen; only batch processing will need to be done. This can be handled better by designing the screen as OTHERS and writing the batch processing logic in the Hook packages.

9

Screen Development

This topic describes about the Other Screen Development.

Screen development for an Others screen is similar to a normal maintenance function id.

Naming Convention

Others screen should adhere to the same naming convention as a normal maintenance function id. The name of the function id should be 8 characters and the third letter should be 'D'.

Function Type

Function Type has to be selected as OTHERS. Normally user-defined actions would be used in an OTHERS screen. These actions are invoked with the click of the buttons placed on the screen.

10

Extensible development

This topic describes about the Extensible development.

TheDeveloper can add his code in hook packages and release specific JavaScript files. This is similar to any other Maintenance or Transaction screen.

Coding in JavaScript

Custom action codes defined by the developer are defined in the JavaScript file. It is usually defined by the click of a button. The action code is defined and the request xml is built and passed to the server.

These codes are written in release specific JavaScript file

Example: Figure below shows a snippet from STDCSNET_CLUSTER.js



Note:

The `fn_batch()` which is invoked on clicking of the Process button.

Here action code is set as '**NET_BATCH**' and request xml built and passed to the server and response processed based on response xml.

Coding in Packages

The developer can write the business logic in `fn_main` which will be present in the release-specific hook package. Skip Handlers can be used to skip the code in any previous release stages if required. Processing logic has to be written for the user-defined action codes in the release-specific hook package

The above figure shows the handling for the user defined action code **NET_BATCH** in `fn_main` of `stpks_stdcsnet_cluster.sql`.