

Oracle® Banking Corporate Lending Development Workbench – Screen Customizer



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Preface

This topic contains the following sub-topics:

- [Purpose](#)
- [Acronyms and Abbreviations](#)
- [Audience](#)
- [Critical Patches](#)
- [Conventions](#)
- [Diversity and Inclusion](#)
- [Documentation Accessibility](#)
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Purpose

This manual is designed to help acquaint you with the Screen Customizer functionality available in Oracle FLEXCUBE Development Workbench. This manual guides the developers on how to use this feature.

Acronyms and Abbreviations

Table 1 Acronyms and Abbreviations

Acronyms	Abbreviations
FCUBS	Oracle FLEXCUBE Universal Banking Solution
OBCL	Oracle Banking Corporate Lending
ODT	Oracle Development Tool

Audience

This document is intended for Oracle FLEXCUBE Universal Banking Application developers/users that use Development Workbench to develop various Oracle FLEXCUBE Universal Banking components. To use this manual, the user needs a conceptual and working knowledge of the below:

Table 2 Proficiency Details

Proficiency	Resources
Oracle FLEXCUBE Universal Banking Technical Architecture	Training programs from Oracle Financial Software Services.
Working knowledge of Web based applications	Self Acquired
Working knowledge of Oracle Database	Oracle Documentations

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](#).

Conventions

The following text conventions are used in this document:

Table 3 Conventions

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.

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.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <https://www.oracle.com/corporate/accessibility/>.

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.

Related Resources

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

- Development Workbench - Screen Development I
- Development Workbench - Screen Development II

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

Screen Customizer

This topic describes Screen Customizer functionality available in Oracle Flexcube Development Workbench.

The Oracle Flexcube Development Workbench Screen Customizer allows users to do UI changes on a screen. If only the screen layout of the function id has to be modified, the developer can use the **Screen Customizer** feature rather than the **Function Generation** feature.

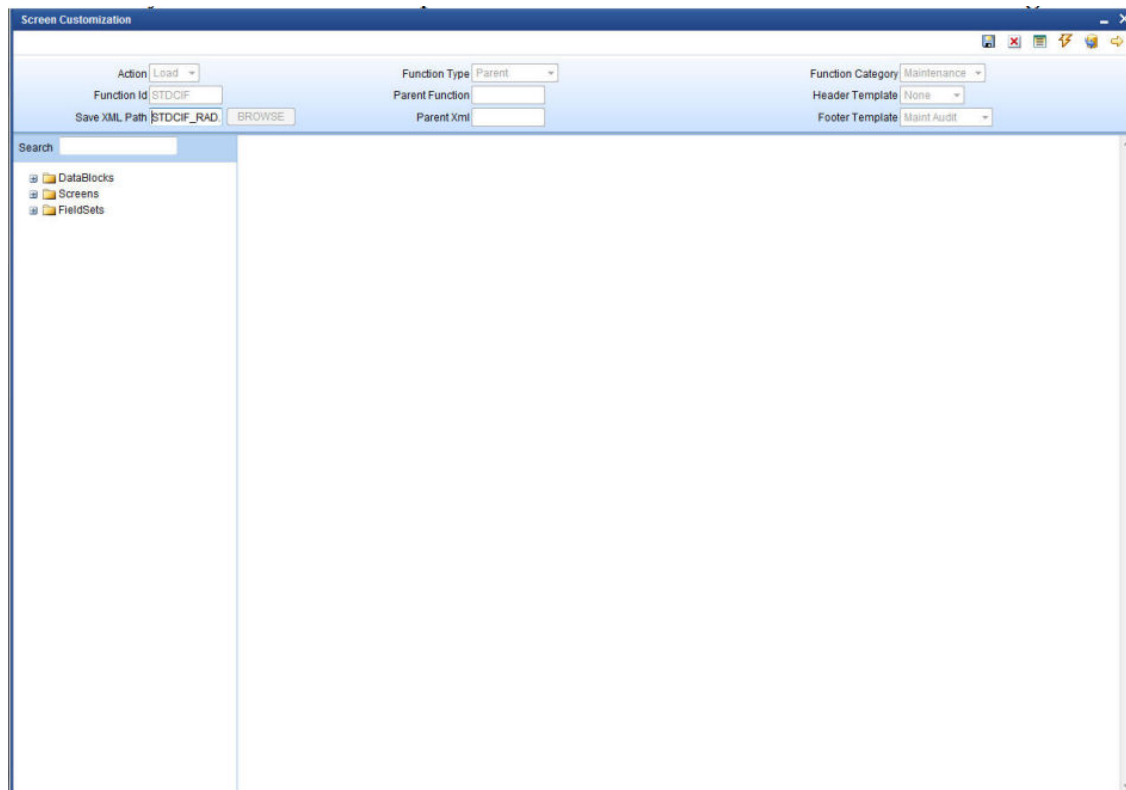
Only the screen layout changes and UI field properties will be allowed to change in the Screen Customizer.

Note

Only Load action is possible in Screen Customizer.

Only three nodes will be present in Screen Customizer as shown in the figure:

Figure 1-1 Screen Customization



This topic contains the following sub-topics:

- [DataBlocks](#)
This topic describes about data blocks in Screen Customizer.
- [Screens](#)
This topic describes about screens in Screen Customizer.
- [FieldSets](#)
This topic describes about FieldSets in Screen Customizer.

1.1 DataBlocks

This topic describes about data blocks in Screen Customizer.

Data Block properties would not be allowed to change in Screen Customizer. New Data Blocks and Block Fields also cannot be added. Deletion/Renaming of blocks and fields are also not allowed in Screen Customizer.

Figure 1-2 Data Block Field in Screen Customizer

The screenshot displays the 'Screen Customization' window. At the top, there are tabs for 'Action' (Load), 'Function Type' (Parent), and 'Function Category' (Maintenance). Below these are fields for 'Function Id' (STDCIF), 'Parent Function', and 'Parent Xml'. A 'Save XML Path' field (STDCIF_RAD) and a 'BROWSE' button are also present. The main area is titled 'Block Field Properties' and contains a search bar and a tree view on the left. The tree view shows a hierarchy of DataBlocks, including BLK_CUSTOMER, BLK_CUSTPERSONAL, BLK_CUSTCORP, BLK_CUSTCORPOR, BLK_CUSTDOC_CHKLIST, BLK_DOCTYPE_REMARKS, BLK_CUSTGRP, BLK_CUSTSHOLD, BLK_CUSTDOMESTIC, BLK_CUSTPROF, BLK_ISSUERDET, BLK_ISSUERLMTS, BLK_CLSCCYREST, BLK_BIC, BLK_LINKEDAC, BLK_JOINTVENTURE, BLK_CUST_LIAB, BLK_LIAB_SCORE, BLK_LIAB_RATING, BLK_LIAB_LINKAGE, BLK_LIAB_UDF, FLDNAM, FLDVAL, DATATYP, VALTYP, BLK_CUSTSEGMENT, Screens, and FieldSets. The 'Block Field Properties' section for 'FLDNAM' includes fields for Field Name, Field Label (LBL_FLDNAM), DataSource (STVWS_CUST_LIAB_UDF), Column Name (FIELD_NAME), Data Type (Varchar2), Display Type (Text), Item Type (Database Item), Parent Field, Related Block, Related Field, LOV Name, Off Line LOV Name, Fieldset Name (FST_LIAB_UDF), XSD Tag (FLDNAM), XSD Annotation, Field Size (105), Maximum Length, Minimum Value, Maximum Value, Maximum Decimals, Text Area Rows, Text Area Columns, Default Value, Preview Value, and Mask Id. On the right, there are checkboxes for Required, Visible, Read Only, Calendar Text, Pop-up Edit Required, Uppercase Only, LOV Validation Required, Input by LOV Only, Not Required in Xsd, and Report Parameter. At the bottom, there are tabs for 'Custom Attributes', 'Events', and 'Related Field'. The 'Custom Attributes' tab is active, showing a table with columns: Attribute Name, Attribute Value, Active, and Position.

The user will be allowed to change the below properties at the data block field level.

- Display Type
- Field Size
- Preview Value
- Pop-up Edit Required
- Visible
- Upper Case only
- Read Only

1.2 Screens

This topic describes about screens in Screen Customizer.

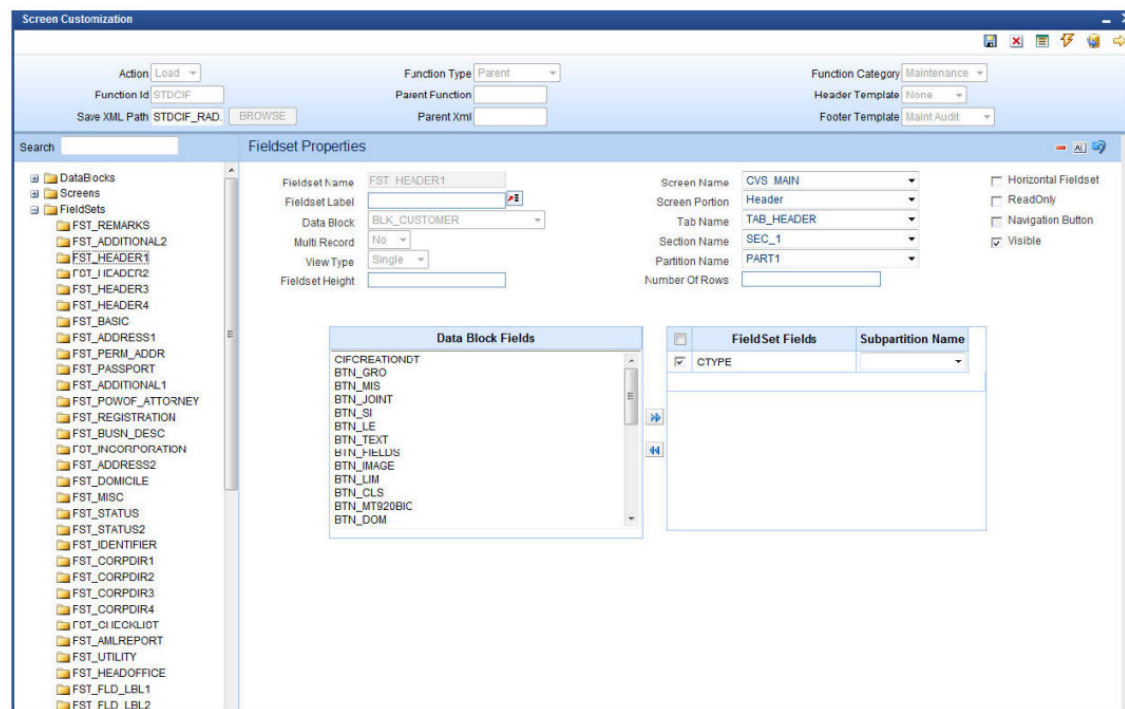
All the actions can be performed at the screen level. Developers can add, modify, delete, and rename the screens, tabs, and sections. Note that deletion and renaming will be allowed only if the element is created in the working release.

1.3 FieldSets

This topic describes about FieldSets in Screen Customizer.

In fieldset, the developer can change screen properties, display type from Vertical to Horizontal, read-only property, and so on. Data Block to which fieldset is attached cannot be changed. Fieldset fields can be rearranged as per requirement.

Figure 1-3 Field sets in Screen Customizer



2

Generated Units

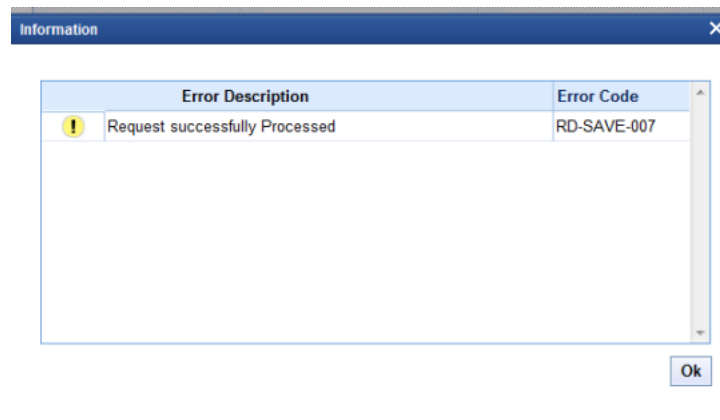
This topic describes the UI related generated units in the Screen Customizer.

Development Workbench will generate only UI related units in Screen Customizer:

1. Radxml
2. Screen XML (i.e. Lang XML)
3. System JS (JavaScript File)

Deploy language XML and system JavaScript file in Flexcube application server to reflect the changes done to the function id in Screen Customizer.

Figure 2-1 Information



3

Examples

This topic provides different examples for customizing the screens.

Example 1

Requirement: Hide a Field in the screen

Below screenshots shows how Screen Customizer can be used for this purpose.

Figure 3-1 A preview with 'Whereabouts Unknown' checkbox set as visible

The screenshot shows the 'Screen Customization' window for a 'Customer' form. The window is divided into several sections: 'Personal', 'Corporate', 'Additional', 'Director', 'Auxiliary', and 'Check List'. The 'Whereabouts Unknown' checkbox is highlighted with a red box. Other visible fields include 'Full Name', 'Short Name', 'Branch Code', 'Customer Category', 'Customer No', 'Domicile Address', 'Status', 'Identifier', 'Name', 'Value', 'Relationship Manager', 'RM ID', 'RM Name', 'Combined Statement Plan', 'Frequency', 'Statement Day', 'Auto Generated Statement Plan', 'Eligible for AR-AP Tracking', 'CRM Customer', 'Mailers Required', 'CLS Participant', 'Issuer Customer', 'Treasury Customer', 'Joint Customer', 'MT920', 'Relationship Pricing', 'ELCM Customer', 'ELCM Customer Number', 'CIF Status', 'Since', 'SWIFT Code', 'Credit Rating', 'Group Code', 'Charge Group', 'Clearing Group', 'Tax Group', 'Exposure', 'Exposure Category', 'Customer Classification', 'External Reference Number', 'Location', 'FX Netting Customer', 'Media', and 'SSN'. The bottom of the window shows a navigation bar with various tabs like 'Group', 'MIS', 'Joint', 'Standing Instructions', 'Linked Entities', 'Text', 'Fields', 'Image', 'Limits', 'CLS Restrictions', 'MT920', 'Domestic', 'Professional', 'Issuer', 'Cards', 'Linked Account', 'KYC Details', 'Joint Venture', 'Account Details', 'NSF Black list status', 'Documents', and 'Change Log'. The bottom right corner has an 'Exit' button.

If **Transaction Category** field is not required, uncheck the **Visible** flag.

Figure 3-2 Block Field Properties_Uncheck Visible

The screenshot shows the 'Screen Customization' window with the 'Block Field Properties' tab selected. The field being configured is 'WHRUNKN'. The 'Visible' checkbox is unchecked, which is the state described in the caption. Other properties like 'Field Name', 'Field Label', 'DataSource', and 'Display Type' are also visible.

Attribute Name	Attribute Value	Active	Position
OFF	N	Yes	1
ON	Y	Yes	2

Figure 3-3 A preview with the Transaction Category field hidden

The screenshot shows a transaction preview window with multiple tabs. The 'Transaction Category' field is hidden. The window displays transaction information, transaction value, and various fields for input and display. The 'UH And Fund' tab is currently selected.

Settlement Details	Receipt Details	Project Allocation Details	Allocation Details	View Balance
Input By	DateTime	Mod No	Authorization Status Unauthorized	Record Status Open
Authorized By	DateTime			

Example 2

Requirement: Adding a new Tab to the screen and move fields from one tab to another.

As shown in the screenshot below, the Main Tab contains the Unique Identifier Fieldset, which needs to be moved to a new tab.

Figure 3-4 Fields in UH and Fund Tab

The screenshot displays the Oracle Flexcube Transaction Information form. The form is divided into two main sections: Transaction Information and Transaction Value. The Transaction Information section includes fields for Unit Holder ID, Fund ID, Order Received Date, Order Received Time Zone, Transaction Date, Payment Mode, Payment Mode Description, Transaction Number, Transaction Currency, Reference Number, Order Received Time (HH24:MI), Transaction Type, Description, Transaction Category, and Description. The Transaction Value section includes fields for Transaction Mode, Units Applied, Amount Applied, and Percent Applied. Below these sections, there are tabs for UH And Fund, Transaction, Other, Intermediary, Load Override, KYC And Document, Add Info, Fee Payment, Certificate, Limit Order, and Details. The UH And Fund tab is currently selected, showing fields for CIF Number, Unit Holder Name, ISIN No, Fund Name, Fund Base Currency, and Price Currency. The Details tab is also visible, showing fields for Settlement Details, Receipt Details, Project Allocation Details, Allocation Details, and View Balance. The form includes buttons for Enrich Transaction and Reset Transaction, and a footer with fields for Input By, Authorized By, Date/Time, Mod No, Authorization Status, and Record Status.

In Screen Customizer, the developer can add a new tab and modify the properties of the field set, such as attaching it to the newly created tab.

Figure 3-5 New Tab Created_Details

The screenshot shows the Oracle Flexcube Development Workbench for Universal Banking. The main window displays the Transaction Information form, which is the same as in Figure 3-4. However, a new tab labeled 'Details' has been added to the bottom of the form, next to the 'Limit Order' tab. The 'Details' tab is currently selected, showing fields for ISIN No and Fund Name. The left sidebar shows the Function Generation tree, with the 'Details' tab highlighted under the 'TAB_NEW' section. The top of the window shows the Oracle Flexcube logo and the text 'Development Workbench for Universal Banking'. The bottom of the window shows the 'Admin' section with 'Sign Out' and 'Sign In' buttons.