

Oracle® Banking Corporate Lending Development Workbench – Getting Started



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Preface

This topic contains the following sub-topics:

- [Purpose](#)
- [Acronyms and Abbreviations](#)
- [Audience](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Documentation Accessibility](#)
- [Related Resources](#)
- [Screenshot Disclaimer](#)

Purpose

This manual is designed to help acquaint you with the installation of Oracle Banking Corporate Lending. This guide helps developers to familiarize themselves with the ORACLE FLEXCUBE Development Workbench for Universal Banking.

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](#)

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:

- Open Development Tool Installation
- Development Workbench – Administration

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

Explanation of Some Basic Icons and Jargons

This topic explains some basic Icons and Jargons.

Table 1-1 Icons and Jargons

Icons	Function
	The new button is used to add a new User, Environment, Release, etc.
	The save button is used to save the work done by the user.
	The close button clears all the data on the screen and all buttons will be reset to the initial position.
	Enter query button to retrieve existing data from the screen. The primary key field will be get enabled.
	Execute query button. This gets enabled on clicking the Enter query button. After clicking this button all the required data gets retrieved and displays on the screen.
	Unlock button used to modify the existing record. On click of this, all fields except primary key fields get enabled.
	List Of Values
	To add New labels or modify existing labels in the FLEXCUBE schema.
	Generate Files.
	Deploy Files.
	Release Files.

Radxml: Workbench saves all the activities carried out by the developer in an XML file referred to as **Radxml**.

Rad/RadTool/ODT: These terms also refer to FLEXCUBE Development Workbench for Universal Banking.

2

Client Browser

This topic provides information on client browsers.

- **Recommended Browsers:**
 - **Microsoft Edge**
 - **Mozilla Firefox**
 - **Google Chrome**
 - **Apple Safari**
- **Recommended Screen Resolution:** 1280*1024 pixels

This topic contains the following sub-topic:

- [Set up Internet Explorer](#)
This topic provides systematic instructions to set up Internet Explorer to enable writing to Client Machines.

2.1 Set up Internet Explorer

This topic provides systematic instructions to set up Internet Explorer to enable writing to Client Machines.

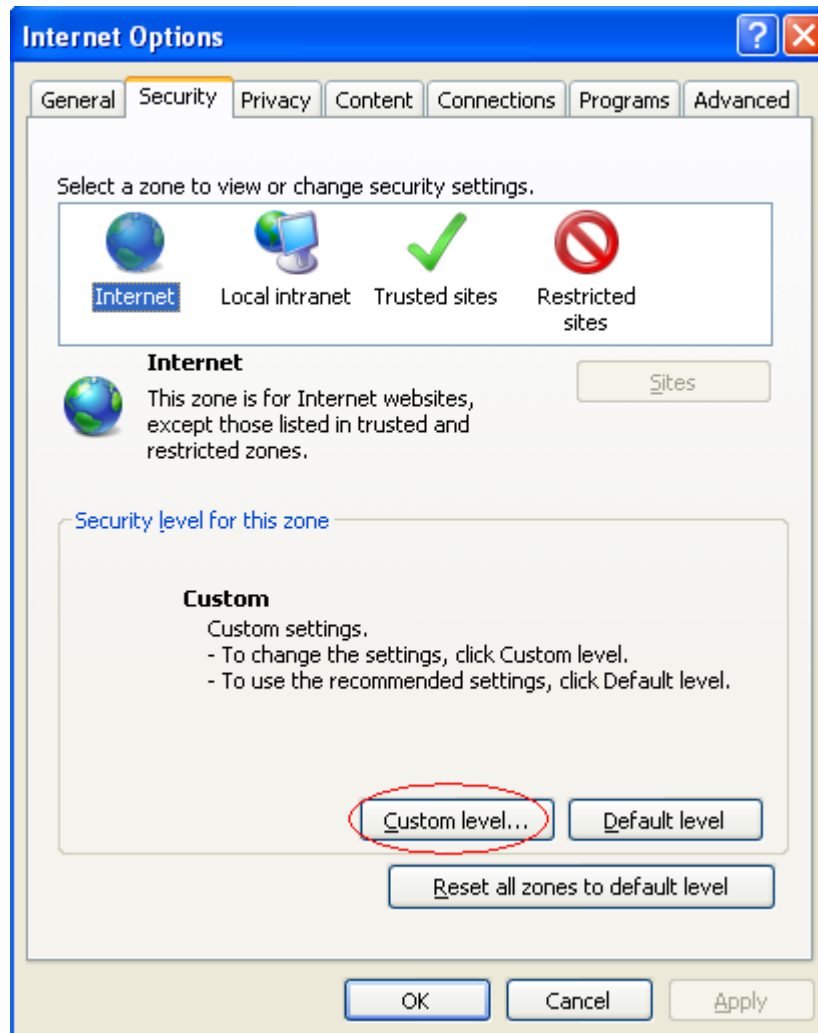
ActiveX Scripting has to be enabled to read and write files in the Client Machine. Therefore, certain settings are required in the browser to generate the files in the client machine (instead of downloading as Zip from server); Client Mode is supported only in Internet Explorer.

MSXML 6.0: Microsoft Core XML Services (MSXML 6.0) need to be installed in the system and can download from [MSXML 6.0](#)

1. Open **Internet Explorer** and click on the **Tools** icon at the top right corner.
2. Click on the **Internet options** from the drop-down options.

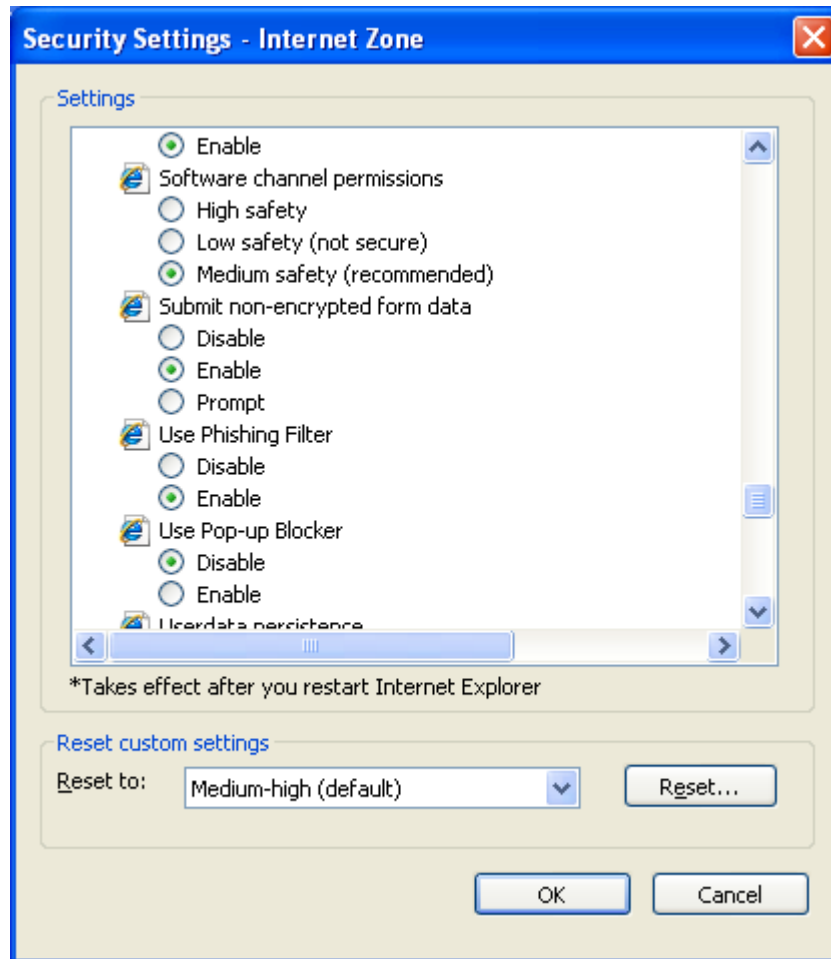
The **Internet options** window displays.

Figure 2-1 Internet options - Security tab



3. Click on the **Security** tab and then select the **Internet** option from **Select a zone to view or change security settings**.
4. Click on the **Custom level** button from the **Security level for this zone**.
The **Security Settings- Internet Zone** screen displays.

Figure 2-2 Security Settings- Internet Zone



5. Enable following options:
 - **Allow previously unused ActiveX controls to run without prompt**
 - **Allow scriptlets**
 - **Automatic prompting for ActiveX controls**
 - **Binary and script behaviors**
 - **Only allow approved domains to use ActiveX control without prompt**
 - **Run ActiveX controls and plug-ins**
 - **Script ActiveX controls marked safe for scripting**

Mark all option mentioned above as **Enable**, except **Use Pop-up Blocker**.

6. Click on the **OK** to save the changes.
7. Go to the **Internet options** window again and then select the **Local Intranet** option from **Select a zone to view or change security settings**.

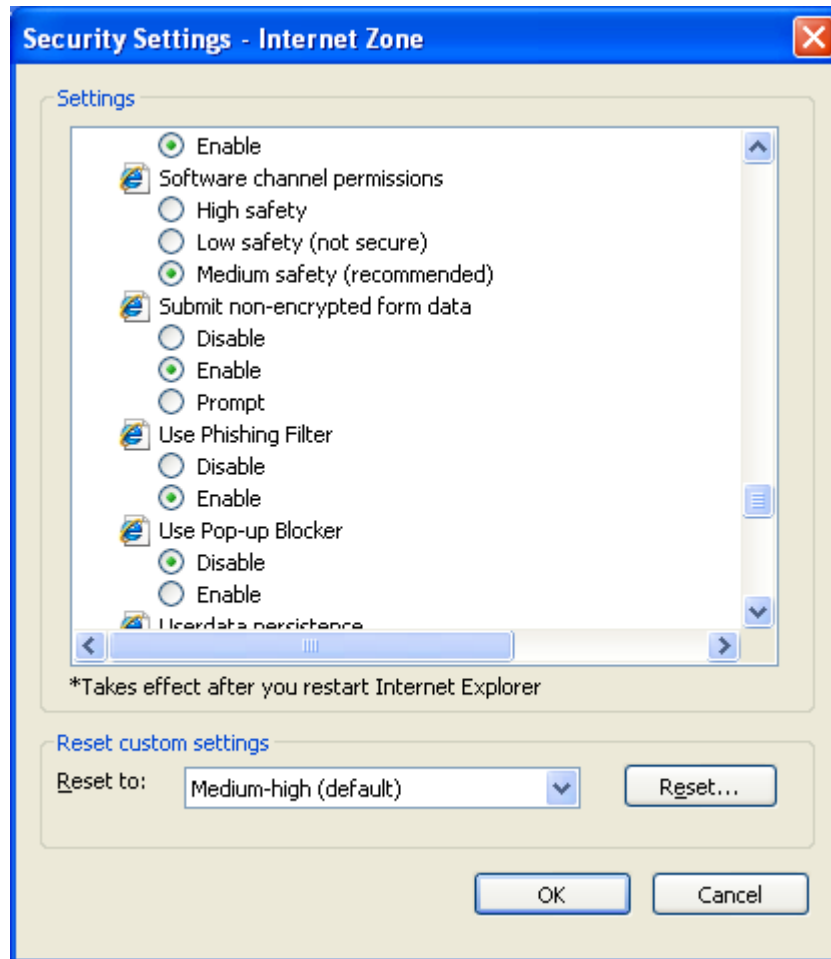
The **Internet options** window displays.

Figure 2-3 Internet options



8. Click on the **Custom level** button from the **Security level for this zone**.
The **Security Settings- Local Intranet Zone** screen displays.

Figure 2-4 Security Settings- Internet Zone

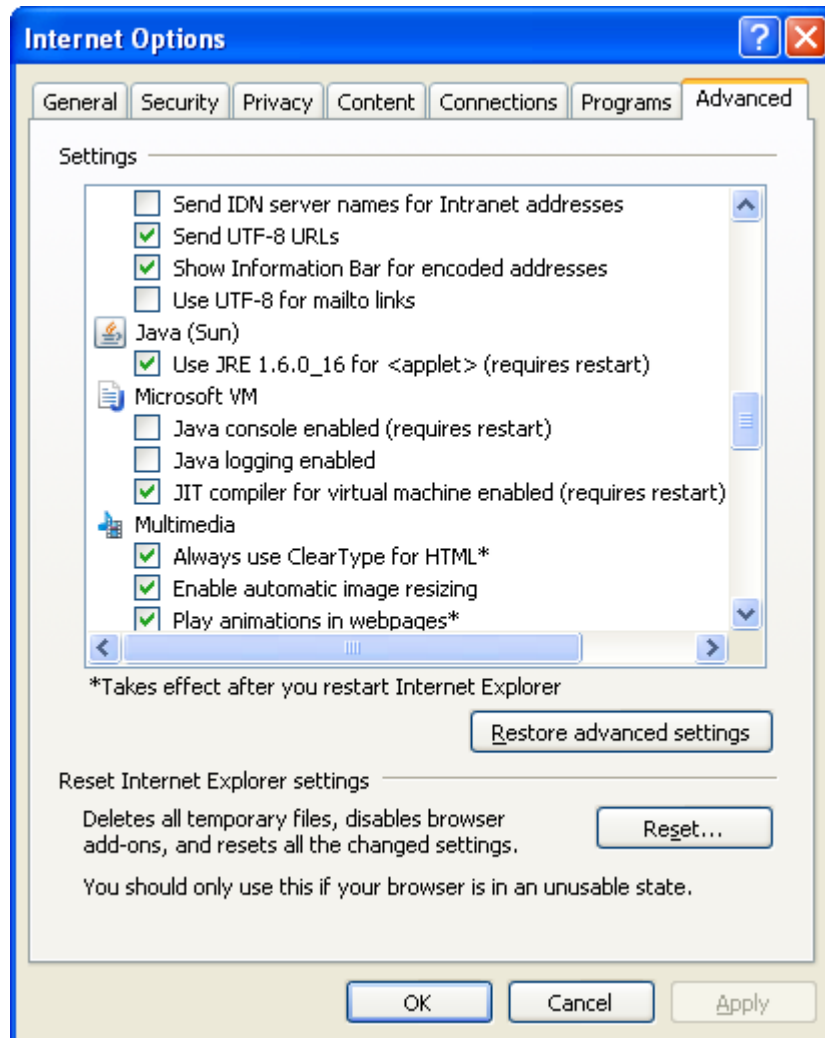


9. Enable following options:
 - **Allow previously unused ActiveX controls to run without prompt**
 - **Allow scriptlets**
 - **Automatic prompting for ActiveX controls**
 - **Binary and script behaviors**
 - **Only allow approved domains to use ActiveX control without prompt**
 - **Run ActiveX controls and plug-ins**
 - **Script ActiveX controls marked safe for scripting**

Mark all option mentioned above as **Enable**, except **Use Pop-up Blocker**.

10. Click on the **OK** to save the changes.
11. After all these settings, go to the **Advanced** tab and check the checkbox **Use JRE (Version) for <applet>(requires restart)**.

Figure 2-5 Internet Options - Advanced tab



12. Click on the **OK** to save the changes.

3

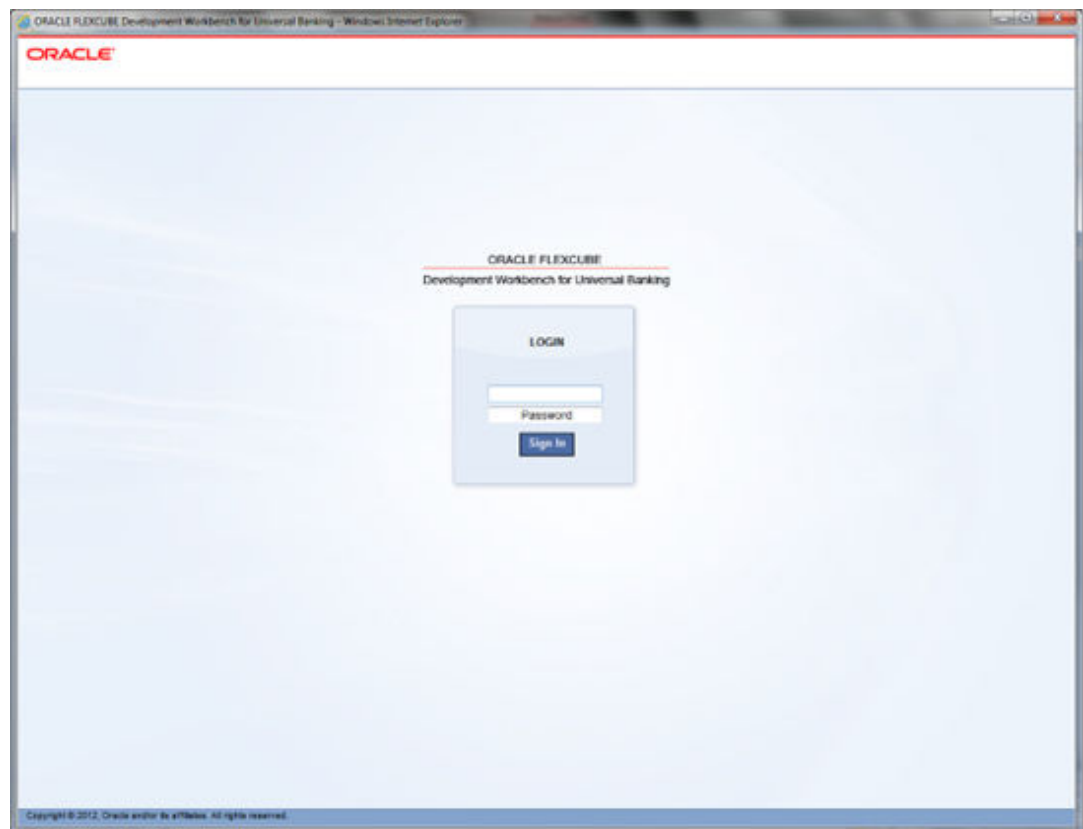
Login to Workbench

This topic provides systematic instructions to log in to Workbench.

Developers will be provided with login credentials for Workbench that has to use for accessing the Tool. After installation, an initial login credentials will be **RADTOOL/RADTOOL**. By using these credentials, the developer has to create release, environment, and users. Refer Development Workbench – Administration for further details.

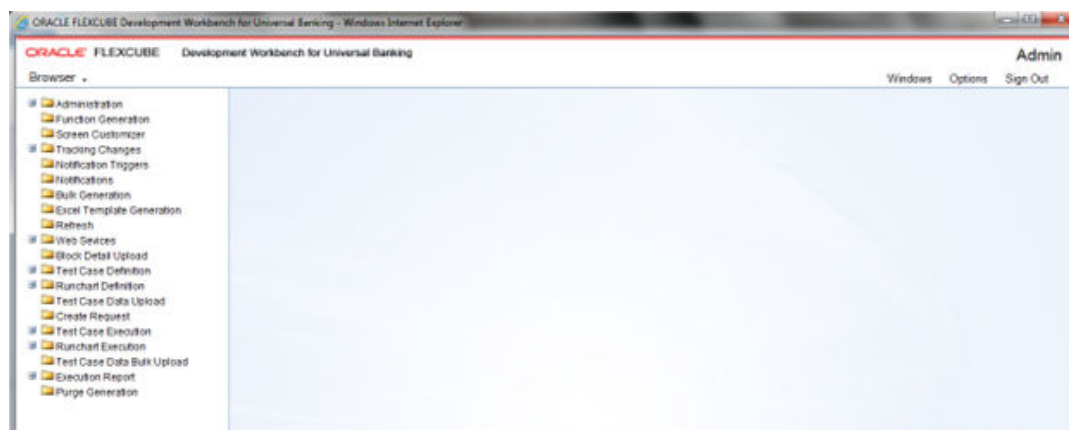
- Login to the **ORACLE FLEXCUBE Development Workbench for Universal Banking** with initially provided credentials.

Figure 3-1 Development Workbench for Universal Banking - Login Page



On successful login, the Workbench landing page is displayed. Based on the role, the browser will display the available options to the user in a tree view.

Figure 3-2 Development Workbench for Universal Banking - Landing Page



For more information, refer to the browser menu and description table.

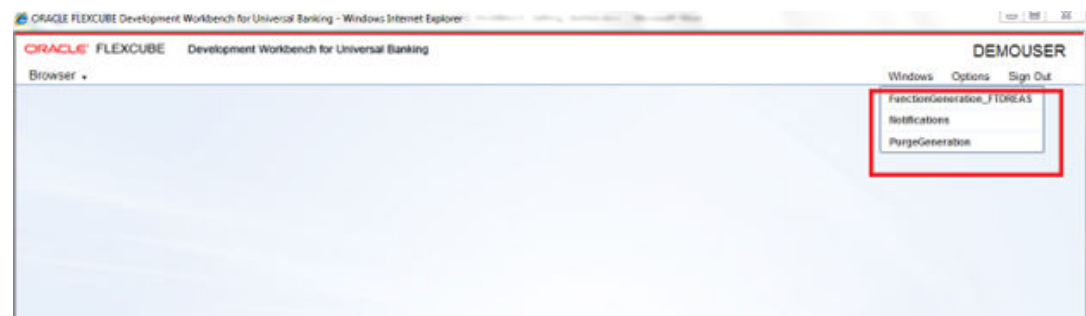
Table 3-1 Browser Menu

Browser Menu	Description
Administration	This is used to add releases, environments, and users.
Function Generation	This is used to design the FLEXCUBE screens.
Screen Customizer	This is used to design the FLEXCUBE screens. The main difference between Function Generation and Screen Customizer is that Screen Customizer allows user to just modify the screen layout. No additions and deletions are allowed.
Tracking Changes	This module helps in tracking the changes done in a particular release. A change report can be generated OR the changes can be viewed.
Notification Triggers	This will be used to create notification triggers.
Notification	This will be used to create notification XML.
Bulk Generation	This option is used to generate all output files for a set of Radxml at one time.
Excel Template Generation	This option will be used to generate an excel template out of Radxml which can be used to upload data into FLEXCUBE.
Refresh	This option will be used to upgrade Radxml from a lower version to a higher version and to update child Radxml with parent changes.
Web Services	Artifacts required for the creation of a Web service can be generated using this feature.
Block Detail Upload	This option will be used to upload block detailed information into schema from a set of Radxml at one time.
Test Case Definition	This option will be used to define new test cases and modify existing test cases.
Run Chart Definition	This option will be used to define run charts for test cases.
Test Case Data Upload	This option will be used to upload test case data for the defined test cases. Data has to be uploaded in the standard excel formats.
Create Request	This option will be used to create request XML (compatible with the FLEXCUBE) for a test case data set.
Test Case Execution	This option is used to execute test cases on the FLEXCUBE environment

Table 3-1 (Cont.) Browser Menu

Browser Menu	Description
Run Chart Execution	This option will be used to execute run chart on the FLEXCUBE environment.
Test Case Data Bulk Upload	This option will be used to upload multiple test case data at one time.
Execution Report	This option generates a report for the executed test cases and run charts.

User can select the required window to show on top of the tool.

Figure 3-3 Development Workbench - Other options**Table 3-2 Development Workbench- Other options**

Field	Description
Windows	It will display all opened windows in the drop-down menu. The user can select the required window to show on top of the tool.
Options	Click on the Options to access multiple options as follow: • User Preferences • Change Password • Launch FLEXCUBE UBS • Accessibility Help • About
Sign Out	Click on the Sign Out button to log out from the FLEXCUBE Development Workbench. All opened windows will get closed automatically and it will redirect the user to the login page.

4

FCUBS Launch

This topic provides information on launching the FLEXCUBE link directly from Workbench.

The user has to maintain the correct FLEXCUBE URL while adding to the environment. Refer to the *Development Workbench – Administration* ODT document for the details on environment creation.

Figure 4-1 Environment Master

The screenshot displays the 'Environment Master' dialog box, which is used for configuring the environment. The dialog is divided into several sections:

- Environment Details:**
 - Environment Code: FCUBS_12.0.2_DEV12
 - Release Code: FCUBS_12.0.2
 - Language Code: ENG
 - Description: 12.0.2 DEV
- JNDI name:**
 - JNDI Name: jdbcDEV1202
- Database Details:**
 - Database Instance: FCUBSDEV
 - Database Port: 1521
 - Database IP Address: 10.184.132.131
 - Database Host Name: 10.184.132.131
 - Database Name: DEV1202
 - Database Password: *****
- Application Details:**
 - Application URL: https://10.184.132.129:7 (highlighted with a red box)
 - Application IP Address: 10.184.132.129
 - Application Name: FCUBS 12.0.2
 - Application OS: Unix
 - Application Transfer Type: File Manager
 - JS Directory Path: /scratch/app/wf1032/us
 - UI XML Directory Path: /scratch/app/wf1032/us
 - Server User Name: tpani
 - Server Password: *****
 - Server Filemanager URL: https://10.184.132.129:7
 - File Manager User Name:
 - File Manager Password:

At the bottom of the dialog, there are fields for 'Modification Number' (5), 'Maker Id' (RADTOOL), and 'Maker Date Stamp' (2013-09-04 11:31:52). A 'Test Environment' button is also present. A 'Close' button is located at the bottom right.

5

Set up User Preferences

This topic provides systematic instructions to set up User Preferences.

1. On Workbench page, click on the **Options** at top right corner.
2. Select **User Preferences** option from the drop-down menu.

The **Preferences** screen displays

Figure 5-1 Preferences

Preferences

Release Code: FCUBS_12.0.2

Environment Code: FCUBS_12.0.2_ENV1

Language: ENG

Save Mode: Zip

Work Directory:

Excel format: XLS

☐ XML Indentation

Release Details

Release Code: FCUBS_12.0.2

Release Type: KERNEL

Environment Details

Environment Description: Environment For Mallika Gollapa

Schema: FC1202DEV@FCUBSUPP

Language: English

OK Cancel

3. Specify the following details:

By default, the user will be mapped to a Release code and its corresponding environment details. The preferences details can be modified if the developer wants to change the working release or environment.

Table 5-1 Preferences - Field Descriptions

Field	Description
Language Code	The default language of the environment can be changed if required
Save Mode	The default save mode of the user would be displayed here and can be changed if required.
Work Directory	If the Save Mode is modified, the Work Directory can be modified.
Excel Format	Excel Format can be changed from the value defined at the User Definition screen.
XML Indentation	Check the XML Indentation option for the generated XML files indentation.

4. After changing the required fields, click on the **OK** to save the changes.

The recent changes in release, environment, or work directory will affect only the current session. Default release details will be assigned again on the sign-out and re-login to the Workbench. If the developer wishes to change default settings for the user, the same above changes can be done by modifying the default options in the Administration section.

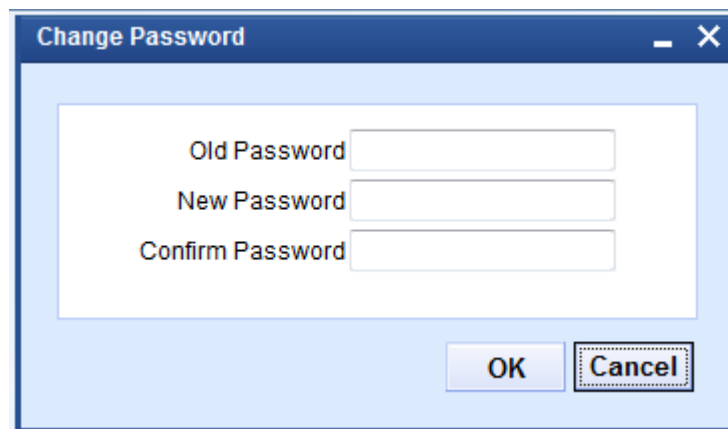
6

Change Password

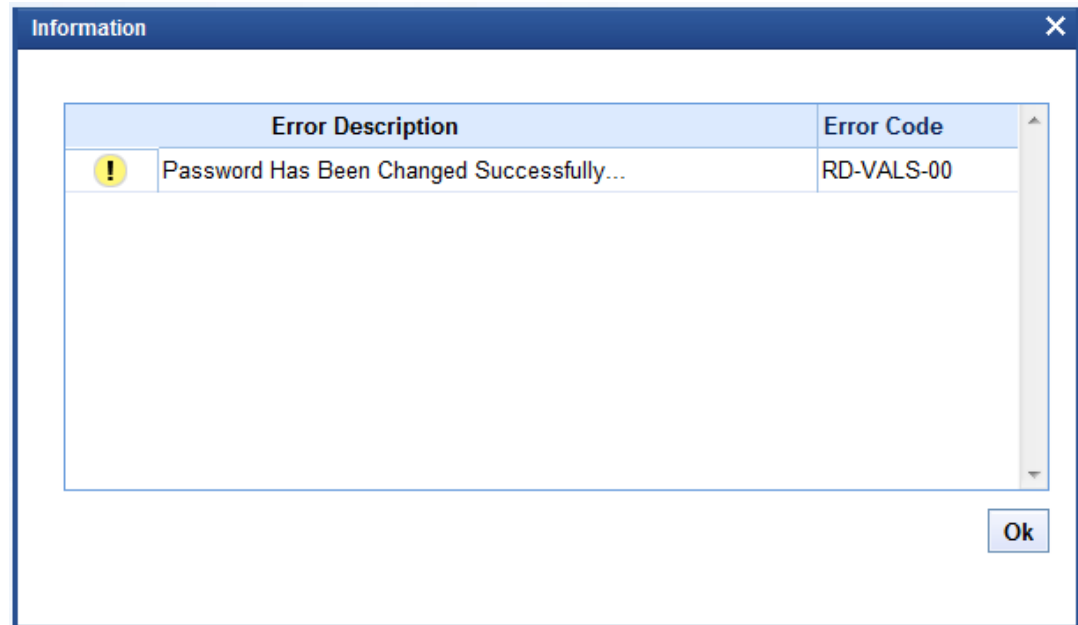
This topic provides systematic instructions to change the User Password.

1. On the Workbench page, click on the **Options** at top right corner.
2. Select **Change Password** option from the drop-down menu.
The **Change Password** pop-up window displays.
3. Enter the **Old Password**, **New Password** and **Confirm Password** fields.

Figure 6-1 Change Password

A screenshot of a 'Change Password' dialog box. The dialog has a blue title bar with the text 'Change Password' and standard window controls (minimize, maximize, close). The main area is white and contains three text input fields labeled 'Old Password', 'New Password', and 'Confirm Password'. At the bottom right, there are two buttons: 'OK' and 'Cancel'. The 'Cancel' button is highlighted with a dashed border.

4. Click on **OK** to change the password.
On successful change, the **Information** screen displays with a message.

Figure 6-2 Information

7

Sign Out

On click of sign out button, user will logout from Development Workbench. All opened windows will get closed automatically. It will redirect to login page.

8

About Development Workbench

On click of this, Development Workbench displays version information in the **Copyright** popup window.

Figure 8-1 Copyright

