

Oracle® Banking Treasury Management

Development Workbench – Getting Started



Release 14.8.1.0.0
G45895-01
October 2025

ORACLE®

Copyright © 2020, 2025, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

Preface

Purpose	i
Audience	i
Documentation Accessibility	i
Critical Patches	ii
Diversity and Inclusion	ii
Related Resources	ii
Conventions	ii
Screenshot Disclaimer	ii
Acronyms and Abbreviations	ii
Basic Actions	iii
Symbols and Icons	iii
Prerequisite	vii

1 Introduction

1.1	Explanation of Some Basic Icons and Jargons	1
1.2	Client Browser	2
1.2.1	Setting up Internet Explorer	3
1.3	Login to Workbench	7
1.4	FCUBS Launch	9
1.5	Setting up User Preferences	10
1.6	Change Password	12

Index

Preface

This topic contains the following sub-topics:

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Related Resources](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)
- [Basic Actions](#)
- [Symbols and Icons](#)
- [Prerequisite](#)

Purpose

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

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

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.

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](#).

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.

Related Resources

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

- Open Development Tool Installation
- Development Workbench - Administration

Conventions

The following text conventions are used in this document:

Table 1 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.
<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.

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.

Acronyms and Abbreviations

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

Table 2 Acronyms and Abbreviations

Abbreviation	Description
JRE	Java Runtime Environment
XML	Extensible Markup Language

Basic Actions

Table 3 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 .
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.

Symbols and Icons

The following symbols and icons are used in the screens.

Table 4 Symbols and Icons - Common










Symbol/Icon	Function
	Minimize
	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

Table 4 (Cont.) Symbols and Icons - Common








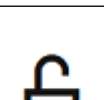
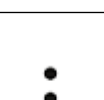
Symbol/Icon	Function
	Navigate to the next record
	Grid view
	List view
	Refresh
	Click this icon to add a new row.
	Click this icon to delete an existing row.
	Click to view the created record.
	Click to modify the fields.
	Click to unlock, delete, authorize or view the created record.

Table 5 Symbols and Icons - Audit Details









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

Table 6 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

Introduction

This topic provides an introduction overview of the development workbench.

This document contains information about the following topics:

- [Explanation of Some Basic Icons and Jargons](#)
This topic explains some basic Icons and Jargons.
- [Client Browser](#)
This topic provides information on client browsers.
- [Login to Workbench](#)
This topic provides systematic instructions to log in to Workbench.
- [FCUBS Launch](#)
This topic provides information on launching the FLEXCUBE link directly from Workbench.
- [Setting up User Preferences](#)
This topic provides systematic instructions to set up User Preferences.
- [Change Password](#)
This topic provides systematic instructions to change the User Password.

1.1 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

Table 1-1 (Cont.) Icons and Jargons

Icons	Function
	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.

1.2 Client Browser

This topic provides information on client browsers.

- **Recommended Browsers:**

- **Microsoft Internet Explorer 8.0:** The version of **Microsoft Internet Explorer 8.0** should not be a Beta version, Partner Build, or a Release Candidate. It should be the Final build of Microsoft Internet Explorer 8 or later. The minimum version of Microsoft Internet Explorer 8 should be **8.0.6001.18702**. This can be verified by visiting the **About Internet Explorer** dialog in the **Help** menu as shown below.

Figure 1-1 About Internet Explorer

- **Mozilla Firefox**
- **Google Chrome**
- **Recommended Screen Resolution:** 1280*1024 pixels
- [Setting up Internet Explorer](#)
This topic provides systematic instructions for setting up Internet Explorer to enable writing to Client Machines.

1.2.1 Setting up Internet Explorer

This topic provides systematic instructions for setting 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.

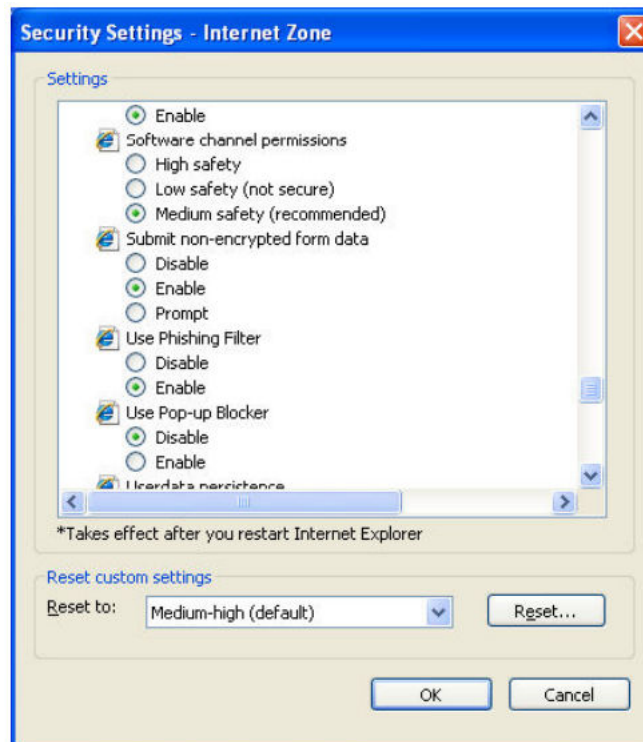
Internet options window displayed.

Figure 1-2 Internet options



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

Security Settings- Internet Zone screen displayed.

Figure 1-3 Security Settings- Internet Zone**Figure 1-4 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 **OK** to save the changes.
7. Navigate to the **Internet options** window again and then select the **Local Intranet** option from **Select a zone to view or change security settings**.
8. Click **Ok** from the **Security level for this zone**.

Security Settings- Local Intranet Zone screen displayed.

Figure 1-5 Security Settings- Local Intranet Zone

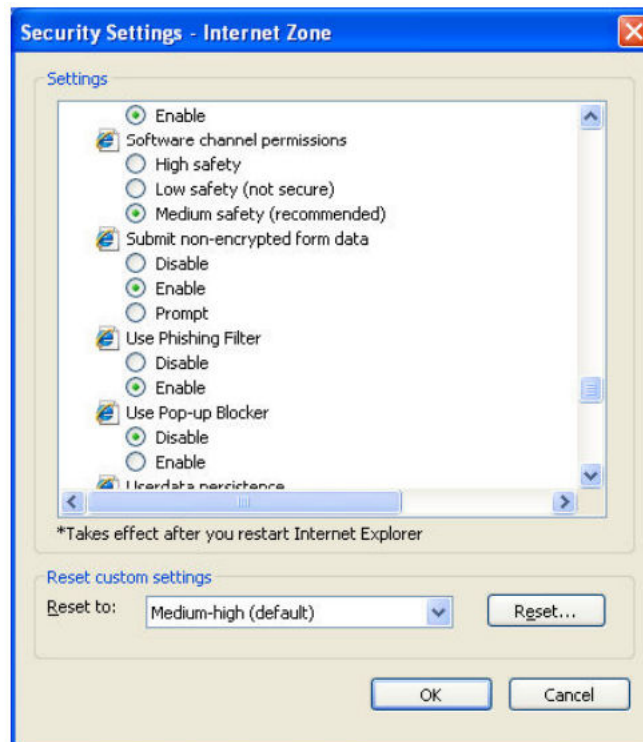


Figure 1-6 Security Settings- Local Intranet Zone

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

Figure 1-7 Internet options- Advanced tab

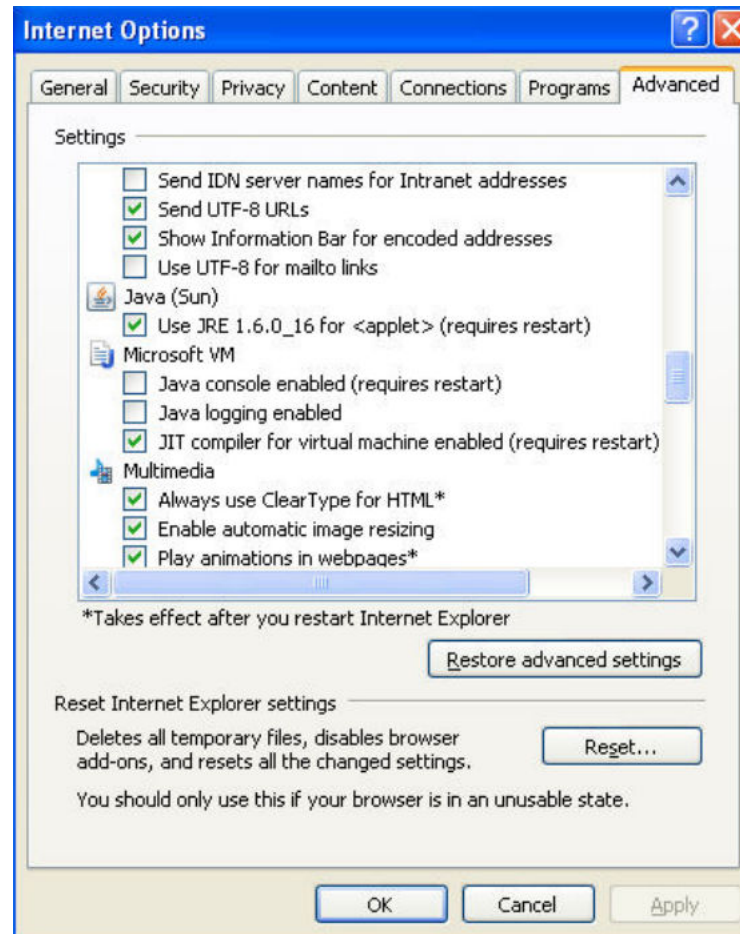


Figure 1-8 Internet options- Advanced tab

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

1.3 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.

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 1-9 Development Workbench for Universal Banking- Browser

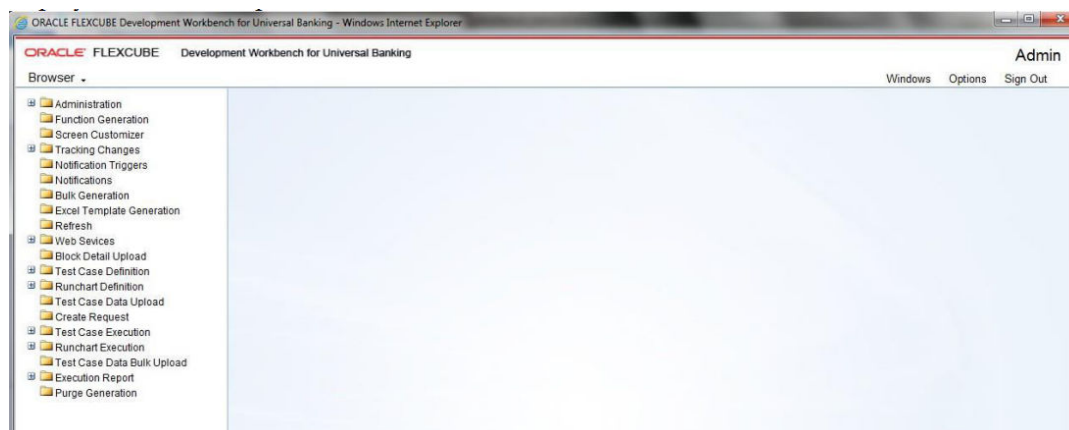


Table 1-2 Browser Menu

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
Run Chart Execution	This option will be used to execute run chart on the FLEXCUBE environment.

Table 1-2 (Cont.) Browser Menu

Browser Menu	Description
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.

Table 1-3 ORACLE FLEXCUBE 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.
Sign Out	Click 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.
Options	Click the Options to access multiple options as follow: <ul style="list-style-type: none">• User Preferences• Change Password• Launch FLEXCUBE UBS• Accessibility Help• About

1.4 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 [Development Workbench – Administration](#) for the details on environment creation.

Figure 1-10 Environment Master

Environment Master

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 * jdbc/DEV1202

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

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/wl1032/us

UI XML Directory Path /scratch/app/wl1032/us

Server User Name tpani

Server Password *****

Server Filemanager URL https://10.184.132.129:7

File Manager User Name

File Manager Password

Test Environment

Modification Number 5 Maker Id RADTOOL Maker Date Stamp 2013-09-04 11:31:52

Close

1.5 Setting up User Preferences

This topic provides systematic instructions to set up User Preferences.

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

Preferences screen displayed.

Figure 1-11 Preferences

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 1-4 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 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.

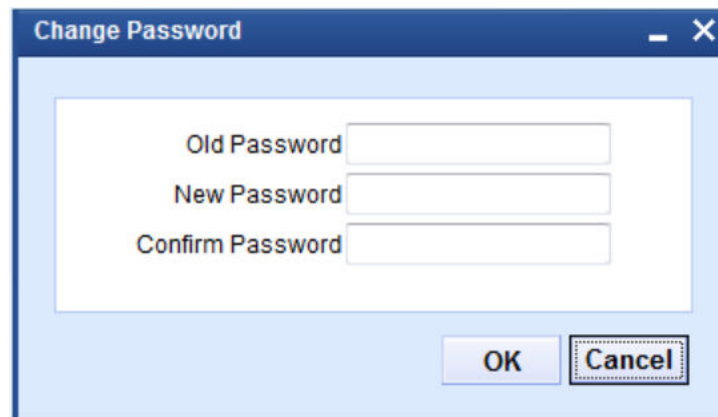
1.6 Change Password

This topic provides systematic instructions to change the User Password.

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

Change Password window displayed.

Figure 1-12 Change Password

A dialog box titled "Change Password" with a blue header bar containing a minus sign and a close button (X). 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".

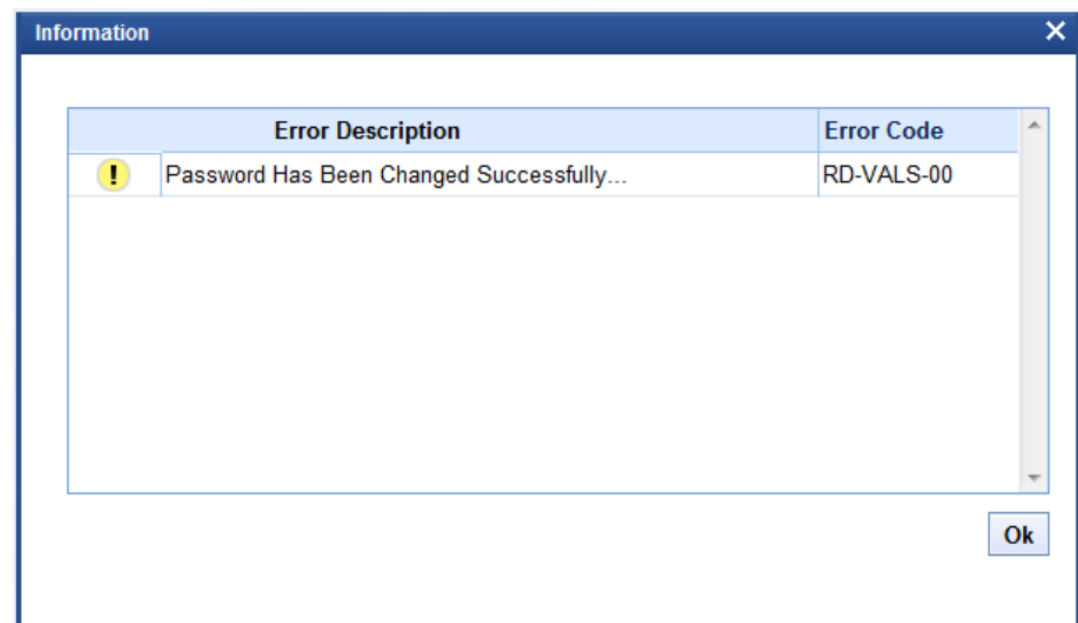
Field	Value
Old Password	
New Password	
Confirm Password	

3. Enter the **Old Password**, **New Password** and **Confirm Password** fields.

4. Click on **OK** to change the password.

On successful change, the **Information** screen displays with a message.

Figure 1-13 Information

A dialog box titled "Information" with a blue header bar containing a close button (X). The main area is white and contains a table with two columns: "Error Description" and "Error Code". The table has one row with a yellow warning icon, the text "Password Has Been Changed Successfully...", and the code "RD-VALS-00". At the bottom right, there is an "Ok" button.

Error Description	Error Code
! Password Has Been Changed Successfully...	RD-VALS-00

Glossary

Index