

# Oracle® Banking Enterprise Limits and Collateral Management

## Open Development Tool Installation



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# 1

## Preface

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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
<b>Approve</b>	Used to approve the initiated report. This button is displayed, once the user click <b>Authorize</b> .
<b>Audit</b>	Used to view the maker details, checker details, and report status.
<b>Authorize</b>	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.
<b>Close</b>	Used to close a record. This action is available only when a record is created.
<b>Confirm</b>	Used to confirm the performed action.
<b>Cancel</b>	Used to cancel the performed action.
<b>Compare</b>	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 <b>Authorize</b> .
<b>Collapse All</b>	Used to hide the details in the sections. This button is displayed, once the user click <b>Compare</b> .
<b>Expand All</b>	Used to expand and view all the details in the sections. This button is displayed, once the user click <b>Compare</b> .
<b>New</b>	Used to add a new record. When the user click <b>New</b> , the system displays a new record enabling to specify the required data.

Table 1-2 (Cont.) Basic Actions

Action	Description
<b>OK</b>	Used to confirm the details in the screen.
<b>Save</b>	Used to save the details entered or selected in the screen.
<b>View</b>	Used to view the report details in a particular modification stage. This button is displayed in the widget, once the user click <b>Authorize</b> .
<b>View Difference only</b>	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 <b>Compare</b> .
<b>Unlock</b>	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
<b>boldface</b>	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 an introduction to the creation of a .war file using the Open Development Tool and setting up a database for ODT installation.

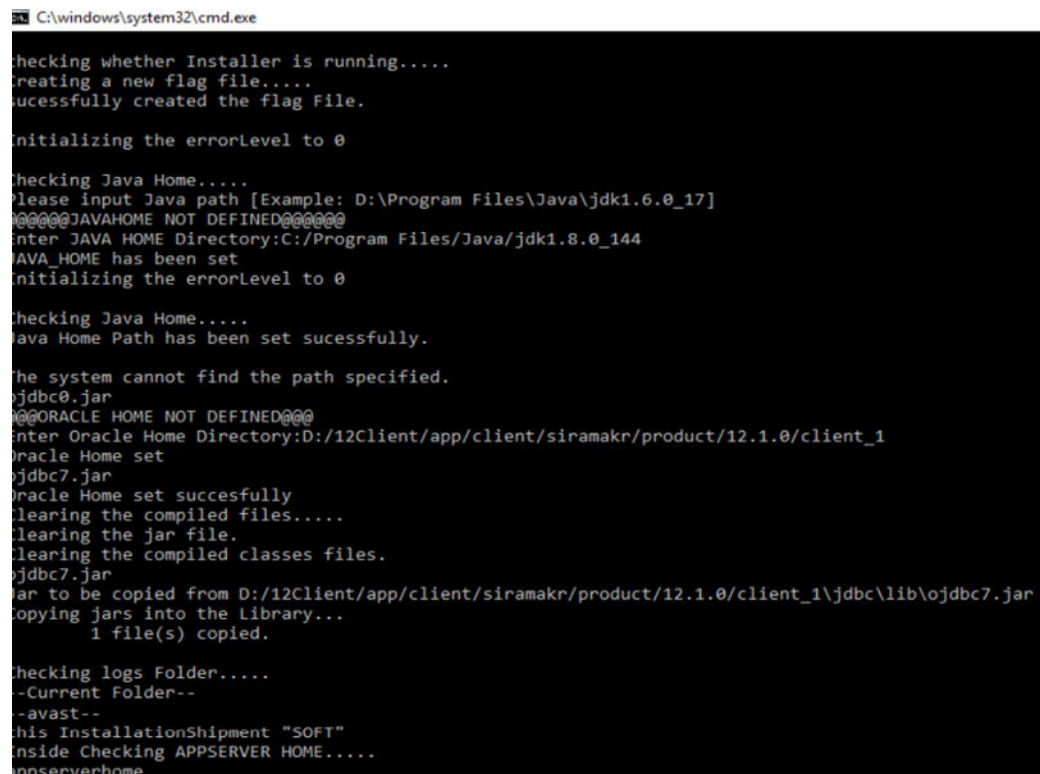
- [Create Property File for Open Development Tool](#)  
This topic provides systematic instructions to create a property file for the Open Development Tool.

## 2.1 Create Property File for Open Development Tool

This topic provides systematic instructions to create a property file for the Open Development Tool.

1. Run **FCUBSInstaller.bat** batch file in windows or **FCUBSInstaller.sh** in Linux to launch Oracle FLEXCUBE Universal Banking Solution Installer

**Figure 2-1 Command prompt**



```
C:\windows\system32\cmd.exe
checking whether Installer is running.....
creating a new flag file.....
sucessfully created the flag File.

initializing the errorLevel to 0

checking Java Home.....
Please input Java path [Example: D:\Program Files\Java\jdk1.6.0_17]
#####JAVAHOME NOT DEFINED#####
Enter JAVA HOME Directory:C:/Program Files/Java/jdk1.8.0_144
JAVA_HOME has been set
initializing the errorLevel to 0

checking Java Home.....
Java Home Path has been set sucessfully.

The system cannot find the path specified.
ojdbc0.jar
#####ORACLE HOME NOT DEFINED###
Enter Oracle Home Directory:D:/12Client/app/client/siramakr/product/12.1.0/client_1
Oracle Home set
ojdbc7.jar
Oracle Home set sucesfully
clearing the compiled files.....
clearing the jar file.
clearing the compiled classes files.
ojdbc7.jar
Jar to be copied from D:/12Client/app/client/siramakr/product/12.1.0/client_1\jdbc\lib\ojdbc7.jar
copying jars into the Library...
1 file(s) copied.

Checking logs Folder.....
--Current Folder--
--avast--
This InstallationShipment "SOFT"
inside Checking APPSERVER HOME.....
appserverhome
```

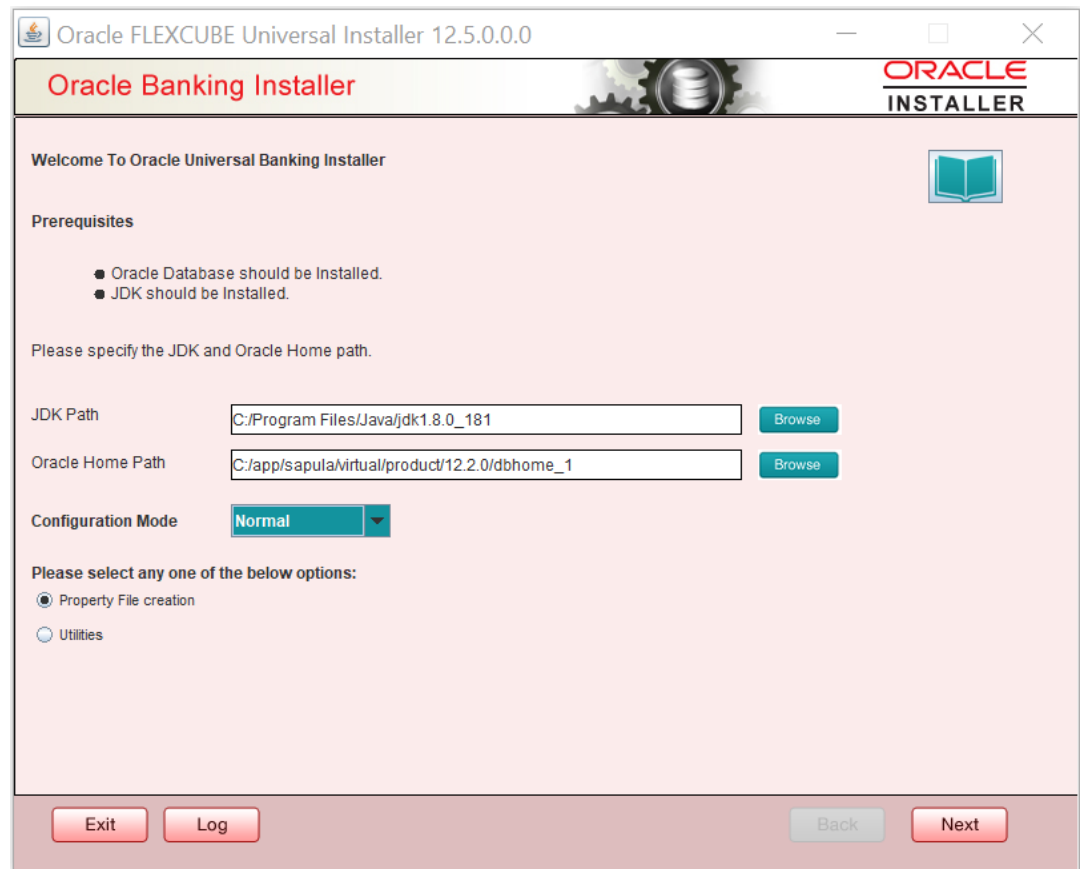
**Table 2-1 Command prompt screen - Field Description**

Field	Description
JAVA HOME PATH	Provide the JAVA 8 home path.
ORACLE HOME PATH	Provide the Oracle Client Path.
APPSERVER PATH	Provide the Application Server Path.

- After providing these details, INSTALLER-GUI is generated.

**Welcome to Oracle FLEXCUBE** screen displays.

**Figure 2-2 Welcome to Oracle FLEXCUBE**



- On the **Welcome to Oracle FLEXCUBE**, specify the following.  
For more information on fields, refer to the field description table.

**Table 2-2 Welcome to Oracle FLEXCUBE**

Field	Description
JDK Path	Maintain Home folder path of JDK1.8.

**Table 2-2 (Cont.) Welcome to Oracle FLEXCUBE**

Field	Description
<b>Oracle Home</b>	Maintain home folder path of Oracle Client or Database. Select one of the radio buttons <a href="#">a.</a> Property File creation <a href="#">b.</a> Utilities

4. Based on the selection, Next screen will be shown. Click Property File creation for the current case. Click **Next**.

**Select one of the components** screen is displayed.

**Figure 2-3 Select one of the components**

5. Click on the **Open Development Tool** component for installation and then click on the **Next** button.

**Open Development Tool** screen is displayed.

**Figure 2-4 Open Development Tool**

6. Specify the following details:

**Table 2-3 Open Development Tool- Property file details**

Field	Description
<b>Operating System</b>	Specify the operating system in which you are installing Oracle FLEXCUBE.
<b>Application Server</b>	Specify the application server on which you are installing Oracle FLEXCUBE.
<b>ODT JNDI</b>	Specify the JNDI for the ODT.
<b>SYMMETRIC KEY</b>	Specify the symmetric key as "oraclefinancials".
<b>Logger Path</b>	Specify the path where the logs have to be written.
<b>Provider_URL</b>	Specify the provider URL.
<b>WAR File Name</b>	Specify the war file Name.
<b>Source Directory</b>	Specify the source directory location. The source directory should have the 'rad_ddl.sql' and other corresponding packages. You can use the directory icon to browse to the source directory location.
<b>Destination Directory</b>	Specify the destination directory. You can use the directory icon to browse to the source directory location.

7. Specify the following ODT schema details.

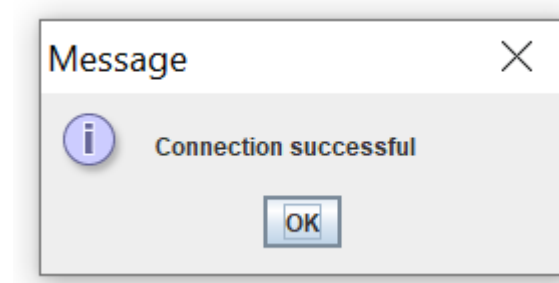
For more information on fields, refer to the field description table.

**Table 2-4 ODT Schema Screen - Field Description**

Field	Description
<b>User Name</b>	Specify the user name to access the schema.
<b>Password</b>	Specify the schema password for the above user name.
<b>Service Name</b>	Specify service name of database.
<b>TNS Connect Descriptor</b>	Specify a valid connect string that contains the details for database connectivity.
<b>IP Address</b>	Specify the IP address of the system where the database schema is installed.
<b>Port</b>	Specify the port number.
<b>DB Complication Required</b>	Check this box to indicate execute ODT scripts in provided ODT schema. ODT schema details will be appended to env.properties file.

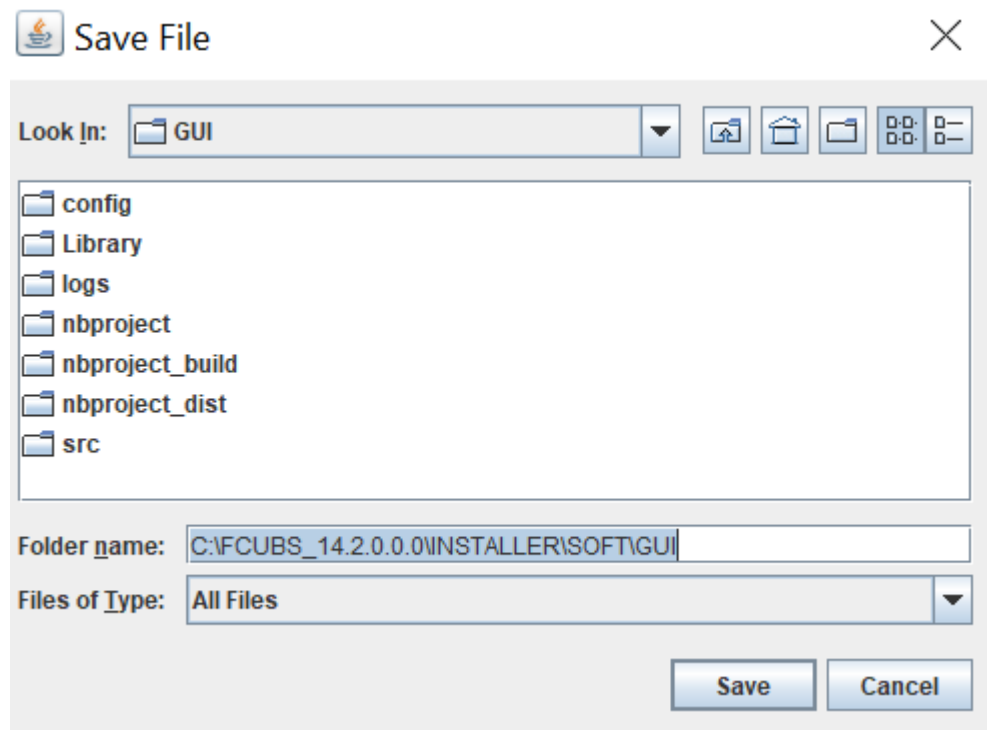
8. Once you have specified the details, click '**Test Connection**' button to test the database schema connection.

**Figure 2-5 Message**



9. The above message is displayed if the connection is established successfully.
10. Click **save** button to save the env.properties file.

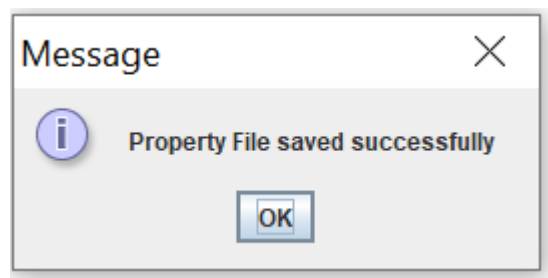
Figure 2-6 Save File



11. Browse to the folder to save file and click on save button.

**Message** is displayed.

Figure 2-7 Message



12. The property file named `odt.properties` will be available in the custom location .Path will be written as `ODT_PROPERTIES_PATH` IN `env.properties` file .Please copy this file to `SOFT/Logs` folder and proceed for war building.

# 3

## Setting up Database for Open Development Tool

This topic provides systematic instructions to set up a database for Open Development Tool (ODT).

Environment Setup Steps: Below are the sequences of steps to be followed during Environment Setup:

1. Property File Creation:

(Refer: Installer\_Property\_File\_Creation.doc) "env.properties" common property required for environment setup. The schema details and Symmetric key are captured in **fcubs.properties** that will be used during DB installation.

2. Populate environment property file.

The **env.properties** file that got generated in \INSTALLER\SOURCE\logs path need to be manually copied to \INSTALLER\SOFT\logs path.

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