

# Oracle® Banking Corporate Lending Installer ODT EAR Building



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ORACLE®

Oracle Banking Corporate Lending Installer ODT EAR Building, Release 14.7.6.0.0

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## 1 Open Development Tool Installation

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# Preface

This topic contains the following sub-topics:

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

## Purpose

This guide explains about the creation of .war file using ODT (Open Development Tool) and setting up database for ODT installation.

## Audience

This manual is intended for the following User/User Roles:

**Table 1 Audience**

Role	Function
<b>Administrator</b>	Who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application.
<b>Implementation team</b>	Implementation of Oracle Banking Corporate Lending Solution
<b>Pre-sales team</b>	Install Oracle Banking Corporate Lending for demo purpose
<b>Bank personnel</b>	Who installs Oracle Banking Corporate Lending

The user of this manual is expected to have basic understanding of Oracle Banking Application installation.

## 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:

- Oracle Banking Corporate Lending User Guides.
- Oracle Banking Corporate Lending Installation Guides.

## Conventions

The following text conventions are used in this document:

**Table 2 Conventions**

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.

## 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 3 Acronyms and Abbreviations**

Abbreviation	Description
FCUBS	Oracle FLEXCUBE Universal banking Solutions
ELCM	Oracle Banking Enterprise Limits and Collateral Management
EAR	Enterprise Archive file
EJB	Enterprise Java Bean
GW	Gateway
HTTP	Hypertext Transfer Protocol
JS	Java Script
ODT	Open Development Tool
OBCL	Oracle Banking Corporate Lending
OBTF	Oracle Banking Trade Finance
OBTR	Oracle Banking Treasury Management
ROFC	Rest of FLEXCUBE

# 1

## Open Development Tool Installation

This topic contains the following sub-topics:

- [Create Property File for Open Development Tool](#)  
This topic provides systematic instruction to create property file for open development tool.
- [Set up Database for Open Development Tool](#)  
This topic describes about setting up database for open development tool.
- [Build WAR for Open Development Tool](#)  
This topic provides about building WAR for open development tool.

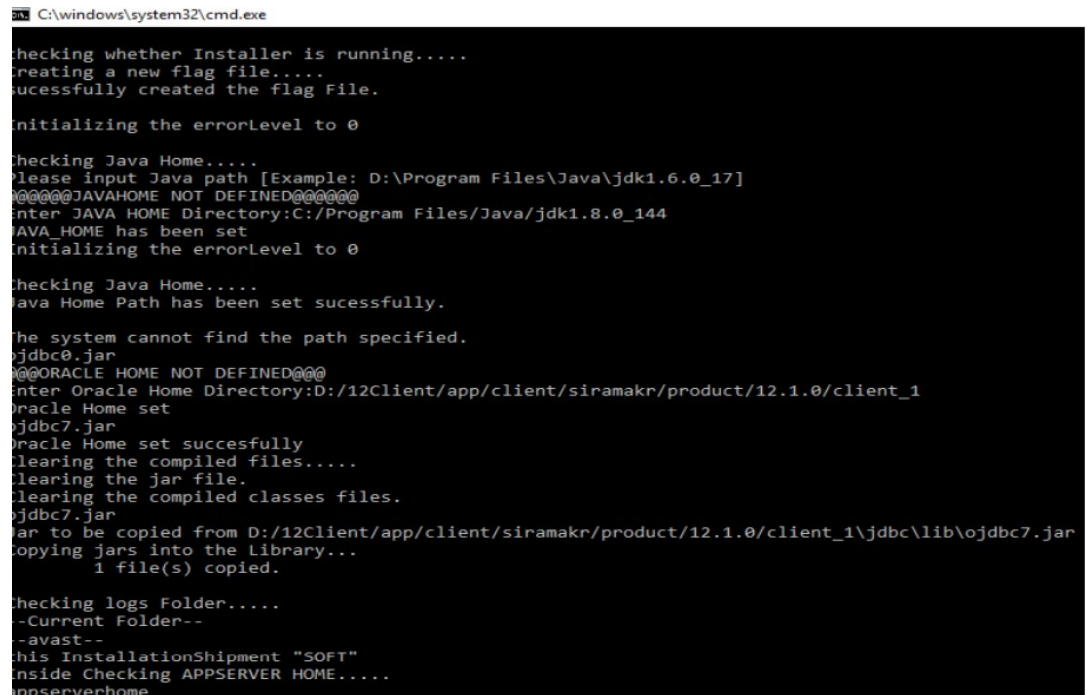
### 1.1 Create Property File for Open Development Tool

This topic provides systematic instruction to create property file for open development tool.

To create property file for ODT, follow the steps below:

1. Run **FCUBSInstaller.bat** batch file in Windows or **FCUBSInstaller.sh** in Linux to launch Oracle Banking Installer.

**Figure 1-1 FCUBSInstaller.bat**



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

2. On the **Welcome to Oracle Banking Installer** screen, specify the following details.  
The

**Figure 1-2 Welcome to Oracle Banking Installer**

**Table 1-1 Oracle Banking Installer - Field Description**

Field	Description
<b>Java Home Path</b>	Specify the JAVA 8 home path.
<b>Oracle Home Path</b>	Specify the Oracle Client Path.
<b>App Server Path</b>	Specify the Application Server Path.

3. Select one of the following options:

- **Property File creation**
- **Utilities**

Select **Property File creation** for the current case.

4. Click **Next**.

Based on the selection, the **Select one of the Components** screen displays.



**Figure 1-3 Select one of the Components**

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer**

**Select one of the Components**

Load Existing Property File

☒ INFRA ☐ Scheduler ☐ Gateway ☐ Switch Interface Installation

**Select Oracle Product Processors**

☐ Oracle FLEXCUBE Universal Banking

☐ Oracle FLEXCUBE Enterprise Limits and Collateral Management (CO-DEPLOY)

☐ Oracle Banking Payments

☐ Oracle Banking Corporate Lending ☒ **Open Development Tool**

☐ Oracle Banking Treasury ☐ Oracle FLEXCUBE Universal Banking for JAPAN

☐ Oracle Banking Trade Finance

**Select Plugins to be Installed**

☐ Branch

Host Address  10.10.10.10  1010 ☐ Origination ☐ Scheduler  Standalone

☐ Reports  10.10.10.10  1010 ☐ OFTW ☐ SIANET Adapter

☐ DMS  10.10.10.10  1010 ☐ Insulation ☐ ELCM Adapter required

5. Select **Open Development Tool** component for installation and click **Next**.  
The **ODT Property file creation** screen displays.

**Figure 1-4 ODT Property file creation**

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer**

Welcome To Oracle FLEXCUBE

ODT Property file creation

Operating System: Linux

Application Server: Weblogic

DataBase Server: Oracle

ODT JNDI:

SYMMETRIC KEY:

Logger Path:

PROVIDER\_URL:

War File Name:

Source Path:

Ear Destination Path:

Name	Value
Username	installer
Password	*****
Service Name	testdb
IP Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb.world

☐ DB Compilation Required

For more information, refer to the fields description table.

**Table 1-2 ODT Property file creation - Field description**

Field	Description
<b>Operating System</b>	Specify the operating system.
<b>Application Server</b>	Specify the application server.
<b>ODT JNDI</b>	Specify the JNDI for the ODT.
<b>SYMMETRIC KEY</b>	Specify the symmetric key as <b>oraclefinancials</b> .
<b>Logger Path</b>	Specify the path where the logs have to be written.
<b>PROVIDER_URL</b>	Specify the <b>provider URL</b> .
<b>War File Name</b>	Specify the <b>war file Name</b>
<b>Source Directory</b>	Specify the source directory location. The source directory should have the <b>rad_ddl.sql</b> and other corresponding packages. Click the <b>Browse</b> button to browse to the source directory location.
<b>Ear Destination Directory</b>	Specify the Ear destination directory. Click the <b>Browse</b> button to browse to the destination location.
<b>User Name</b>	Specify the user name to access the schema.
<b>Password</b>	Specify the schema password for the above user name.

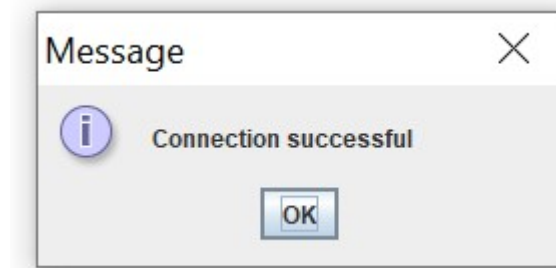
**Table 1-2 (Cont.) ODT Property file creation - Field description**

Field	Description
<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 Compilation Required</b>	Select this checkbox to indicate execute ODT scripts in provided ODT schema. ODT schema details will be appended to the <b>env.properties</b> file.

- Once the above details are specified, click **Test Connection** to test the database schema connection.

The **Message** screen displays

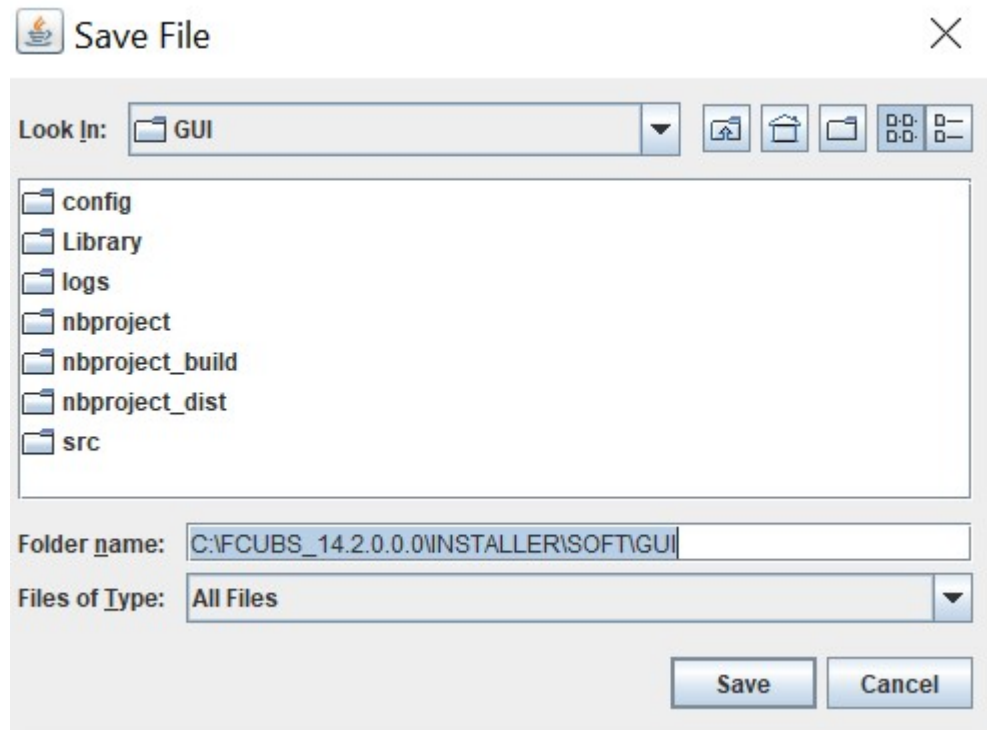
**Figure 1-5 Message**



- Click on **save** to save the **env.properties** file

The **Save File** screen displays.

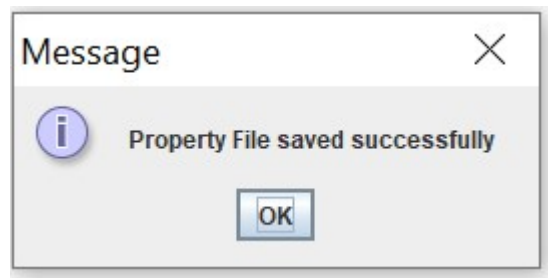
**Figure 1-6 Save File**



8. Browse to the folder to save file and click **save**.

The **Message** screen displays

**Figure 1-7 Message**



9. 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.
10. Copy this file to SOFT/Logs folder and proceed for war building.

## 1.2 Set up Database for Open Development Tool

This topic describes about setting up database for open development tool.

To set up database for Open Development Tool (ODT), follow the steps given below:

### Environment Setup

Follow the below steps during Environment Setup:

1. **For property file creation:** Follow CREATING PROPERTY FILE FOR OPEN DEVELOPMENT TOOL steps to create property file.
2. **Copy environment property file:** Generate the env.properties file in \INSTALLER\SOFT\GUI\logs path and you can copy the file and paste to \INSTALLER\SOFT\logs path.

#### Backend Setup using Silent Installer

Backend Setup must be done using Silent Installer. DDL Compilation, Object Compilation and Static Data load will be taken care as part of Backend Setup.

Run **ODTDBCompileRun.bat** in Windows (**ODTDBCompileRun.sh** in Linux).

DDL Compilation, Object Compilation and Static Data load will be done. Check for the Invalid Count and make sure that the Invalid count is 0.

## 1.3 Build WAR for Open Development Tool

This topic provides about building WAR for open development tool.

- Run **ODTWarRun.bat** in Windows (**ODTWarRun.sh** in Linux).
- Check the war file is generated in EAR destination folder path provided in **env.properties** file.