

Open Development Tool Installation  
Oracle FLEXCUBE Universal Banking

Release 14.7.5.0.0

Part No. G14514-01

[September] [2024]



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# 1. Open Development Tool Installation

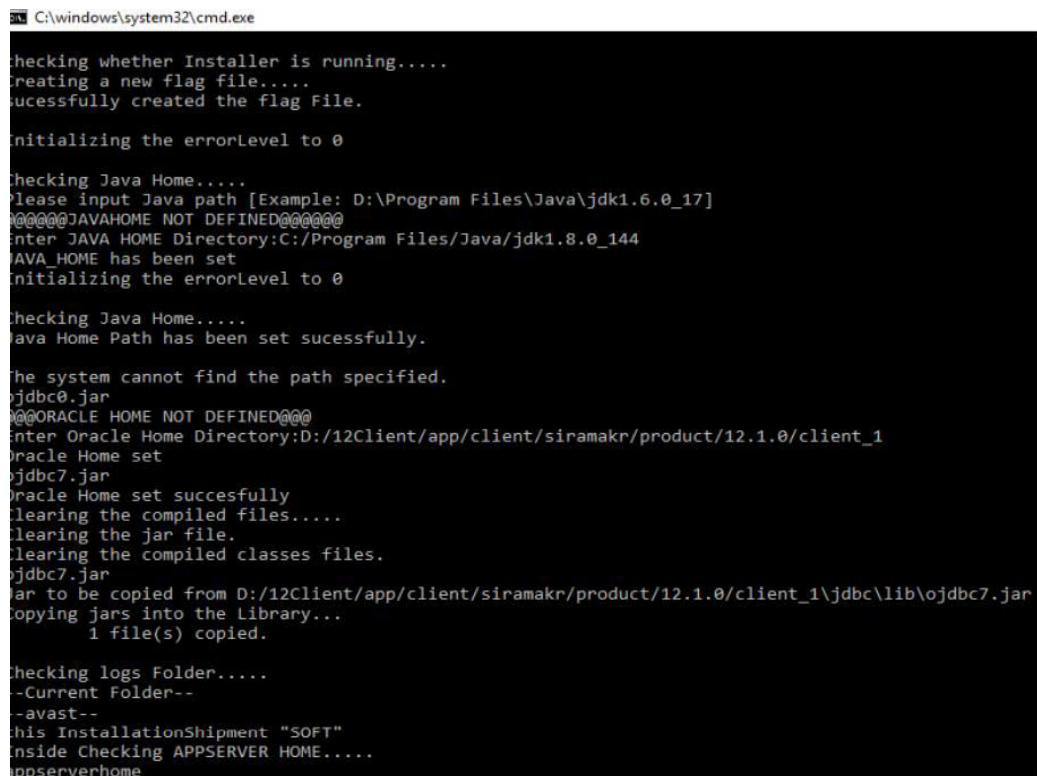
## 1.1 Introduction

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

## 1.2 Creating Property File for Open Development Tool

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

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



```
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 succesfully
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.....
ppserverhome
```

Need to provide the following details:

### **JAVA HOME PATH**

Provide the JAVA 8 home path.

### **ORACLE HOME PATH**

Provide the Oracle Client Path.

### **APPSERVER PATH**

Provide the Application Server Path.

2. After providing these details, INSTALLER-GUI is generated. After that follow the below details.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer** **ORACLE INSTALLER**

Welcome To Oracle Universal Banking Installer

**Prerequisites**

- Oracle Database should be Installed.
- JDK should be Installed.

Please specify the JDK and Oracle Home path.

JDK Path: C:/Program Files/Java/jdk1.8.0\_181 **Browse**

Oracle Home Path: C:/app/sapula/virtual/product/12.2.0/dbhome\_1 **Browse**

Configuration Mode: **Normal**

Please select any one of the below options:

☒ Property File creation

☐ Utilities

**Exit** **Log** **Back** **Next**

3. Enter the following details

**JDK Path:**

Maintain Home folder path of JDK11.

**Oracle Home**

Maintain home folder path of Oracle Client or Database.

Select one of the radio buttons

1. Property File creation

2. Utilities

4. Based on the selection, Next screen will be shown .Click Property File creation for the current case. Click 'Next'. The following screen is displayed.

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  Load Existing Branch Property File

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.
6. Click 'Next'. The following screen is displayed.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

## Oracle Banking Installer

Welcome To Oracle FLEXCUBE

ODT Property file creation

Operating System  Linux SYMMETRIC K...  oraclefinancials  
 Application Server  Weblogic Logger Path  /ODT/logs  
 DataBase Server  Oracle PROVIDER\_URL  t3://10.10.10.10:0101  
 ODT JNDI  jdbc/ODT12\_2 War File Name  RAD

Source Path  C:/Users/Documents/FCUBS\_14.5.0.0.0   
 Ear Destination Path  C:/Users/Documents/FCUBS\_14.5.0.0.0/EAR\_DEST

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

☐ DB Compilation Required

7. Specify the following details

**Operating System**

Specify the operating system in which you are installing Oracle FLEXCUBE.

**Application Server**

Specify the application server on which you are installing Oracle FLEXCUBE.

**ODT JNDI**

Specify the JNDI for the ODT.

**SYMMETRIC KEY**

Specify the symmetric key as "oraclefinancials".

**Logger Path**

Specify the path where the logs have to be written.

**PROVIDER\_URL**

Specify the provider URL.

**War File Name**

Specify the war file Name

**Source Directory**

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.

**Destination Directory**

Specify the destination directory. You can use the directory icon to browse to the source directory location.

8. Specify the following ODT schema details.

**User Name**

Specify the user name to access the schema.

**Password**

Specify the schema password for the above user name.

**Service Name**

Specify service name of database.

**TNS Connect Descriptor**

Specify a valid connect string that contains the details for database connectivity.

**IP Address**

Specify the IP address of the system where the database schema is installed.

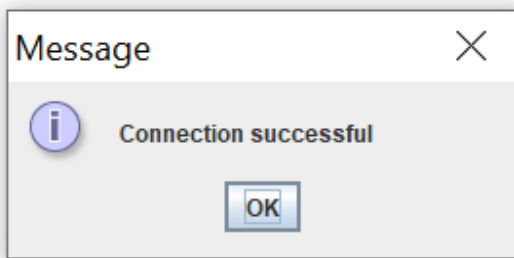
**Port**

Specify the port number

**DB Compilation Required**

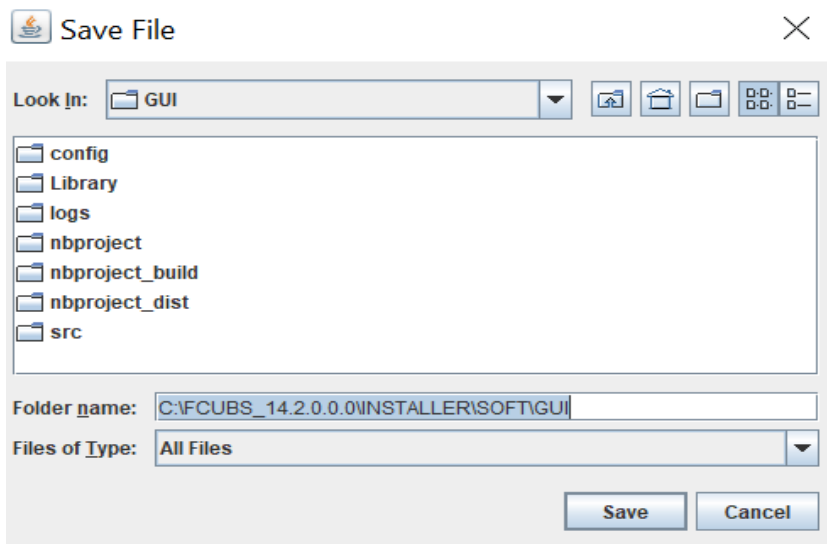
Check this box to indicate execute ODT scripts in provided ODT schema. ODT schema details will be appended to env.properties file

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

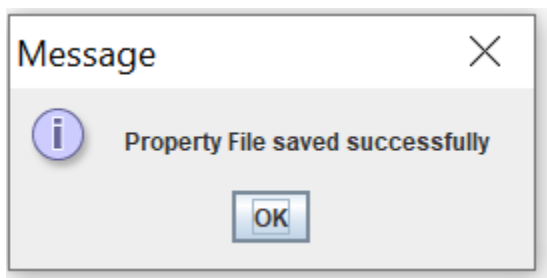


10. The above message is displayed if the connection is established successfully.

11. Click save button to save the env.properties file



12. Browse to the folder to save file and click on save button. The following image will display.



13. 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.

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## 2. Setting up Database for Open Development Tool

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

### **Environment Setup Steps:**

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

1. Property File Creation:

Follow CREATING PROPERTY FILE FOR OPEN DEVELOPMENT TOOL steps to create property file

2. Copy environment property file: The env.properties file which got generated in \\INSTALLER\\SOFT\\GUI\\logs path need to be manually copied to \\INSTALLER\\SOFT\\logs path.

### **Backend Setup using Silent Installer**

Backend Setup has to 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'.



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### **3. 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.



Open Development Tool Installation  
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