

Installer Prerequisite Document
Oracle FLEXCUBE Universal Banking
Release 14.0.0.0.0
[February] [2018]



Table of Contents

1. INSTALLER PREREQUISITE SETUP	1-1
---------------------------------------	-----

1. Installer Prerequisite Setup

The Overview of this document is to share you the knowledge on how Installer is designed.

Note: Install 12C Client, Maintain JAVA Latest Version.

Two installer modes has to be used during setup of environment:

1. GUI Installer –

Located under \INSTALLER\SOURCE

GUI Installer will be required for below activities:

- Property File Creation
- Basic Setup
- Environment Property file configuration

2. Silent Installer –

Located under \INSTALLER\SOFT

Silent Installer will be required for below activities:

- Database Setup
- EAR Build

Source Structure:

The Installation can be done in different ways and Source Structure should be maintained as below:

1. ROFC without OBCL:

The ROFC_OSDC.zip can be used without any modifications.

2. ROFC with OBCL:

The OBCL folder from OBCL_OSDC.zip should be copied parallel to INFRA folder of ROFC_OSDC.zip.

In addition, copy the following class folders from \INFRA of OBCL OSDC.zip file to ROFC_OSDC extracted sources \INFRA folder

In addition, copy the following class folders from \ADAPTERS\FCEXternal of OBCL OSDC.zip file to ROFC_OSDC extracted sources \ADAPTERS\FCEXternal folder

- PIApps
- PICommon
- PIDto
- PIEJB
- PIEntities
- PIKernel
- PIKernelDao

- PIUtility
- COCommon
- CODto
- COEJB
- COEntities
- COKernel
- COKernelDao
- COUtility

3. ROFC with ELCM:

ELCM and POJO folders from ELCM_OSDC.zip should be copied parallel to INFRA folder of ROFC_OSDC.zip

In addition, copy the following class folders from \INFRA of ELCM OSDC.zip file to ROFC_OSDC extracted sources \INFRA folder

- ELCMCommon
- ELCMDto
- ELCMEJB
- ELCMEntities
- ELCMGateway
- ELCMKernel
- ELCMKernelJpa
- ELCMUtility
- ELCMWeb

4. ROFC without ELCM:

The ROFC_OSDC.zip can be used without any modifications.

5. OBCL without ELCM:

The OBCL_OSDC.zip can be used without any modifications.

6. OBCL with ELCM:

ELCM and POJO folders from ELCM_OSDC.zip should be copied parallel to INFRA folder of OBCL_OSDC.zip

In addition, copy the following class folders from \INFRA of ELCM OSDC.zip file to ROFC_OSDC extracted sources \INFRA folder

- ELCMCommon
- ELCMDto
- ELCMEJB
- ELCMEntities
- ELCMGateway

- ELCMKernel
- ELCMKernelJpa
- ELCMUtility
- ELCMWeb

5. ELCM: The ELCM_OSDC.zip can be used without any modifications.
6. PM: The PM_OSDC.zip can be used without any modifications.
7. CO-DEPLOY: The OBCL folder from OBCL_OSDC.zip and PM folder from PM_OSDC.zip should be copied parallel to INFRA folder of ROFC_OSDC.zip

Environment Setup Steps:

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

1. Property File Creation: (Refer: Installer_Property_File_Creation.doc)

Two property files will get generated

- "fcubs.properties" required for application (EAR).
- "env.properties" common property required for environment setup.

2. Populating environment property file: (Refer next section)

Database properties are to be populated from the "env.properties" generated during property file creation. Rest of the properties are to be manually updated.

3. Database Setup: (Refer: Installer_DB_Setup.doc)

Database setup involves DDL Load, Object Compilation and Static Data Compilation.

4. Basic Setup: (Refer: Installer_DB_Setup.doc)

Post INC Load, basic setup has to be done. Basic Setup is done using GUI Installer.

5. Application EAR build: (Refer: Installer_EAR_Building Document)

FCUBS Application and Gateway EAR build can be done using the silent installer

Environment Property file configuration:

```
#Mon Oct 17 15:24:09 IST 2016
ConfigPath=D:\\12.2Payments\\OFCPMTS_ITRound2\\FCUBS_12.3.0.0.0_Payments\\INSTALLER\\SOFT\\config\\Application
JAVA_HOME=C:\\Program Files\\Java\\jdk1.8.0_111
APPSERVER_HOME=C:\\Oracle\\Middleware\\Oracle_Home\\wlserver
ORACLE_HOME=D:\\app\\sindhu\\product\\11.2.0\\client_2
WEBLOGIC_HOME=C:\\Oracle\\Middleware\\Oracle_Home\\wlserver
varedited=N
SOURCE_PATH=D:\\12.2Payments\\OFCPMTS_ITRound2\\FCUBS_12.3.0.0.0_Payments
DESTINATION_PATH=D:\\12.2Payments\\OFCPMTS_ITRound2\\FCUBS_12.3.0.0.0_Payments
FCUBS_PROPERTIES_PATH=INFRA\\FCJNeoWeb\\war\\WEB-INF\\classes
GW_PROPERTIES_PATH=D:\\12.2Payments\\OFCPMTS_ITRound2\\FCUBS_12.3.0.0.0_Payments\\INSTALLER\\SOFT\\logs\\GW_WS_Prop.properties
APPLICATION_TYPE=FCUBS
EAR_NAME=FCUBSApp
CONTEXT_NAME=FCJNeoWeb
#fcubs.properties
FCHome=D:\\Checkouts\\
APPSERVER_HOME=C:\\Oracle\\Middleware\\Oracle_Home\\wlserver
USER_NAME=FC122CORE
PASSWORD=k6QCot2LJGQPKgha71AQjQ==
SCHEMA=FC122CORE
```

NOTE: A single property file will be used for both DB Compilation and EAR build. Hence all the properties will be located in a single property file. Some properties may not be applicable during the certain setup and those should not be modified (should be left with default values).

Config Path

Absolute path to the folder containing the config files are to be provided. This is located under \\INSTALLER\\SOFT\\config\\Application

JDK Path

Provide Home folder path of JDK1.8

Oracle Home

Provide home folder path of Oracle Client or Database

Varedited

This property should not be changed. This is an internal property required by installer to identify if any changes are required in env.properties

Source and Destination Path

Specify the destination directory. Here destination path should be same as the source file path

FCUBS_PROPERTIES_PATH

Path where the fcubs property file is located .

GW_PROPERTIES_PATH

Provide the Gateways Properties Path.

APPLICATION_TYPE

Application Type is maintained as per the Application Name selected in the GUI Installer.

EAR_NAME

Specify a name for the Application to be created.

CONTEXT_NAME

Specify a name for the Application Context

FCHome

Provide the FCHome Path. This will be the source path for DB setup/EAR build.

USER_NAME

Give the Schema Name

PASSWORD

Here Password should be Encrypted. As Schema details provided by the GUI Installer, the env.properties file generates with the encrypted password.

Schema

Give the Instance Name.

NOTE : Path is maintained with '\\' as it is maintained only for WINDOWS. '\' slash will consider as a escape character so '\\' slash is given in windows.

On launch of GUI Installer for creating the property file , the env properties file gets generated which is present in **INSTALLER\SOURCE\logs** path need to be manually copied to **INSTALLER\SOFT\logs** path. This method is followed for EAR creation and Back-end build as it is done by the Silent Installer.

If OBCL needs to install as Co-deployed along with ROFC then OBCL folder from OBCL OSDC zip should be placed parallel to ROFC folder in the ROFC OSDC zip.

If ELCM needs to install as Co-deployed along with ROFC then ELCM folder from ELCM OSDC zip should be placed parallel to ROFC folder in the ROFC OSDC zip. INFRA inside ELCM should be moved and merged with CORE INFRA.

If PAYMENTS needs to install as Co-deployed along with ROFC then PAYMENTS folder from PAYMENTS OSDC zip should be placed parallel to ROFC folder in the ROFC OSDC zip.

INFRA inside PAYMENTS should be moved and merged with CORE INFRA.



Installer Prerequisite Document
[February] [2018]
Version 14.0.0.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
<https://www.oracle.com/industries/financial-services/index.html>

Copyright © [2007], [2018], Oracle and/or its affiliates. All rights reserved.

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

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. 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 failsafe, 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.

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.

This software or hardware and documentation may provide access to or information on 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. 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.