# Installer Prerequisite Document
# Oracle FLEXCUBE
# Release 12.4.0.0.0
## [May] [2017]

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**FINANCIAL SERVICES**

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# 1.    Installer Prerequisite Setup

The overview of this document is to share you the knowledge on how installer is designed.

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

1. **GUI Installer –**

   Located under \INSTALLER\GUI

   GUI Installer is 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 Building

**Source Structure:**

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

1. ROFC without OFCL:

The ROFC_OSDC.zip can be used without any modifications.

2.  ROFC with OFCL:

The OFCL folder from OFCL_OSDC.zip should be copied parallel to

INFRA folder of ROFC_OSDC.zip.

3. OFCL without ELCM:

The OFCL_OSDC.zip can be used without any modifications.

4. OFCL with ELCM:

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

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

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- 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 OFCL folder from OFCL_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.pdf**)

   Two property files are generated

   - "fcubs.properties", i.e. required for application EAR building.

   - "env.properties", i.e. common property required for environment setup.

2. **Maintaining environment property file: (Refer next section)**

   Modification of the generated "env.properties", if required, is to be done in this step.

3. **Database Setup: (Refer: FCUBS_DB_Setup.pdf)**

   Database setup involves DDL Load, Object Compilation and Static Data Compilation. This is done using the silent installer.

4. **Basic Setup:** (**Refer: FCUBS_DB_Setup.pdf**)

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

5. **Application EAR build:** (**Refer**: **FCUBS_EAR_Building.pdf**)

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

## Environment Property file configuration:

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```
#Mon Oct 17 15:24:09 IST 2016
ConfigPath=D:/FCUBS_12.4.0.0.0/INSTALLER/SOFT/config/Application
JAVA_HOME=C:/Program Files/Java/jdk1.8.0_121
APPSERVER_HOME=C:/WL_Oracle1/wlserver
ORACLE_HOME=C:/app/prarasto/product/11.2.0/client_3
WEBLOGIC_HOME=C:/WL_Oracle1/wlserver
varedited=N
PATCHSET_INSTALLATION=N
SOURCE_PATH=D:/FCUBS_12.4.0.0.0
DESTINATION_PATH=D:/FCUBS_12.4.0.0.0
FCUBS_PROPERTIES_PATH=D:/FCUBS_12.4.0.0.0/INSTALLER/SOURCE/fcubs.properties
DECENTRALIZED=N
DECENTRALIZED_FCUBS_PROPERTIES_PATH=
GW_PROPERTIES_PATH=
APPLICATION_TYPE=ELCM
EAR_NAME=FCUBSAPP
CONTEXT_NAME=FCJNeoWeb
EXTERNAL_JSUIXML_REQUIRED=Y
EXTERNAL_JSUIXML_PATH=/scratch/work_area/DEV/FC124OSDC/EXT_JS_UIXML
#fcubs.properties
FCHome=D:/FCUBS_12.4.0.0.0
APPSERVER_HOME=C:/WL_Oracle1/wlserver
USER_NAME=OSDC124
PASSWORD=VBt6yN9gGpen/fP/peXYsw==
SCHEMA=FC124OSDC
```

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

**ConfigPath**

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

**JAVA_HOME**    Absolute path to the home folder of JDK 1.8 is to be provided.

**ORACLE_HOME** Absolute path to the home folder of Oracle Database Client is to be provided.

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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_PATH** and **DESTINATION_PATH**

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

**FCUBS_PROPERTIES_PATH**

Absolute path where the fcubs.properties file, is to be provided.

**GW_PROPERTIES_PATH**

Absolute path to the Gateway Properties file is to be provided.

**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 absolute path for FCHome(folder containing FCHome.ini file). This will be the source path for DB setup/EAR building.

**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**: Paths have to be maintained with '/' separator as it is maintained only for WINDOWS. '\' slash is considered as an escape character so '/' slash is given in windows.

On launch of GUI Installer, the property file which is created in **\INSTALLER\GUI\logs**, needs to be manually copied to **\INSTALLER\SOFT\logs** path for EAR creation and Back-end build, whichis done by the Silent Installer.

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