Installer EAR Building
Oracle FLEXCUBE Universal Banking
Release 12.4.0.0.0
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FINANCIAL SERVICES

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1. Building Application for Setup

The process of building EAR files includes the following steps:

- Obtain the fcubs.properties (Refer FCUBS_Property_File_Creation.pdf) file generated by the GUI Installer which is saved in the required path.
- Run the EAR bat (Windows) or .EAR sh (Linux) file.

To build the application for setup using the Silent Installer, follow the steps given below:

1. Maintain the Environment Property File (env.properties in INSTALLER\SOFT\logs) by copying the generated env.properties from INSTALLER\SOFT\GUI\logs to INSTALLER\SOFT\logs, and/or by inputting all the fields as in the below screenshot.

2. Maintain the fcubs.properties file path in INSTALLER\SOFT\logs\env.properties.

```
#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
```

Sample environment configuration for building FCUBSAPP ear.

For External JS and UIXML

EXTERNAL_JSUIXML_PATH=Y

- EXTERNAL_JSUIXML_PATH :- Provide path from application server, application will refer to this path for loading JS and UIXML.
- As a part of setup activity- Manually copy the JS and UIXML into the above path.

JS and UIXML will be present in the EXEC\MAIN folder

```
#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=D:/FCUBS_12.4.0.0.0/INSTALLER/SOURCE/GW_EJB_Prop.properties
APPLICATION_TYPE=GATEWAY
EAR_NAME=GWEJB
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
```

Sample environment configuration for building GATEWAY ear

FCUBS_PROPERTIES_PATH - Mention the property file path including file name.

Maintain the following Application Type accordingly for building respective EARs:

Product Type	Application Type	EAR Name	BAT/sh file to be run	Property file to be used
ROFC	FCUBS	Any Distinct Name	ROFCEarRun.bat or ROFCEarRun.sh	fcubs.properties
GW-Integrated	INTEGRATED	Any Distinct Name	ROFCGatewayEarRun.bat or ROFCGatewayEarRun.sh	GW_WS_Prop.properties
GW-Individual	INDIVIDUAL	Not Required	ROFCGatewayEarRun.bat or ROFCGatewayEarRun.sh	GW_WS_Prop.pproperties

Product Type	Application Type	EAR Name	BAT/sh file to be run	Property file to be used
GW-MDB	GATEWAY	Any Distinct Name	GWMDBEarRun.bat GWMDBEarRun.sh	GW_MDB_Prop.properties
GW-HTTP	GATEWAY	Any Distinct Name	GWHTTPEarRun.bat GWHTTPEarRun.sh	GW_HTTP_Prop.properties
GW- EJB	GATEWAY	Any Distinct Name	GWEJBEarRun.bat or GWEJBEarRun	GW_ EJB_ Prop.properties
Scheduler	SCHDLR	Any Distinct Name	SchedulerEarRun.bat or SchedulerEarRun.sh	Scheduler.properties
OFCL Standalone- Without ELCM	FCUBS	Any Distinct Name	CLEarRun.bat or CLEarRun.sh	fcubs.properties
OFCL- With ELCM	ELCM	Any Distinct Name	CLEarRun.bat or CLEarRun.sh	fcubs.properties
ELCM Standalone	ELCM	Any Distinct Name	ELCMEarRun.bat or ELCMEarRun.sh	fcubs.properties
GW- Integrated (for OFCL Stanalone)	INTEGRATED	Any Distinct Name	OFCLGatewayEarRun.bat or OFCLGatewayEarRun.sh	GW_WS_Prop.properties

This table shows the BAT/sh scripts that need to be run individually for each EAR creation, once the env.properties is set with the appropriate application type.

Note:- Before running the GW BAT script, mention the specific properties file path in env.properties

For example: For making a **GWEJB EAR**,

mention the **application type as GATEWAY** inside the env.properties, and provide the **GW_PROPERTIES_PATH** of **GW_EJB_Prop.properties**. The path should include the file name as below:

D:/FCUBS_12.4.0.0.0/INSTALLER/SOURCE/GW_EJB_Prop.properties

*Note:- To Rebuild the gateway ear, Delete the respective build folders from EXEC before proceeding to run the bat file.

3. Goto **\INSTALLER\SOFT** path and execute the **<Product Type>EarRun** bat file for EAR build.

   For Example : <Product Type>EarRun.bat :- ROFCEarRun.bat (ROFCEarRun.sh for running in linux machine) for ROFC and so on.

   EAR file will be generated in the mentioned destination path. Similarly for all the EAR Build follow the same steps.

4. For Gateway EAR, execute <Product Name>GatewayEarRun.bat (<Product Name>GatewayEarRun.sh)

5. For EJB, MDB and HTTP gateways change the gateway properties path **GW_PROPERTIES_PATH** inside the env.properties**.** Run the respective bat files i.e. GWEJBEarRun.bat (GWEJBEarRun.sh), GWMDBEarRun.bat (GWMDBEarRun.sh) and GWHTTPEarRun.bat (GWHTTPEarRun.sh).

6. For ODT, execute ODTWarRun.bat in windows (ODTWarRun.shin linux) after Building odt.properties.

7. For STAND ALONE SCHEDULER, change the FCUBS_PROPERTIES_PATH to scheduler.properties file path in env.properties file and execute SchedulerEarRun.bat in windows (SchedulerEarRun.sh in linux).

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