

Payments Installer
EAR Building
Oracle Banking Payments
Release 14.3.0.0.0
[Jan] [2021]



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1. Building Application for Setup

1.1 EAR Build Process

1. The process of building EAR files includes the following steps:

- Obtain the Fcubs.properties file by generating the GUI Installer which is saved in the required path.
- Run the PMEArRun bat file for windows and PMEArRun.sh file for linux.

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

Maintain the Fcubs.properties file path which is created through GUI Installer unlike EAR may fail if the fcubs property file path is not provided.

3. Maintain the Environment Property File by inputting all the fields

```
1 #Fri Sep 22 16:54:43 IST 2017
2 EXTERNAL_JSUIXML_REQUIRED=Y
3 FCUBS_PROPERTIES_PATH=D:/PM125SOURCES/PM125OSDC/fcubs.properties
4 JAVA_HOME=C:/Program Files/Java/jdk1.8.0_144
5 DECENTRALIZED=N
6 WEBLOGIC_HOME=C:/Oracle/Middleware/Oracle_Home/wlserver
7 PATCHSET_INSTALLATION=N
8 HOST_ENTITY_ID1=UKV2DnZMjNqtnOcBavtOZanIz13s66mDaAL9CF3Rt8I=
9 DECENTRALIZED_FCUBS_PROPERTIES_PATH=
10 CONNECTING_STRING_SMS=OBPMR2
11 GW_PROPERTIES_PATH=D:/PM125SOURCES/PM125OSDC/ws/GW_WS_Prop.properties
12 CONNECTING_STRING_ENTITY_ID1=OBPMR2
13 APPLICATION_TYPE=FCUBS
14 SOURCE_PATH=D:/PM125SOURCES/Oracle_Banking_Payments_12.5.0.0.0
15 PASSWORD_SMS=A3EX8ydc9Shjv3CX7d8EEw==
16 SYMMETRIC_KEY=oraclefinancialsolutions
17 EAR_DESTINATION_PATH=D:/PM125SOURCES/Oracle_Banking_Payments_12.5.0.0.0
18 PASSWORD_ENTITY_ID1=A3EX8ydc9Shjv3CX7d8EEw==
19 PORT_ENTITY_ID1=1522
20 ENTITY_NOS=1
21 EXTERNAL_JSUIXML_PATH=/scratch/work_area/DEV/PM125OS/JSUIXML
22 SERVICE_NAME_ENTITY_ID1=Cdtmrj5Y9OuKg8yYMcZSw==
23 PORT_SMS=1522
24 SCHEMA_NAME_ENTITY_ID1=UmeX9XrNxi6Bn60T1Z5nbQ==
25 EAR_NAME=OBP125OSDC
26 COMPILE_IN_ALL_ENTITIES=N
27 APPSERVER_HOME=C:/Oracle/Middleware/Oracle_Home/wlserver
28 SERVICE_NAME_SMS=Cdtmrj5Y9OuKg8yYMcZSw==
29 HOST_SMS=UKV2DnZMjNqtnOcBavtOZanIz13s66mDaAL9CF3Rt8I=
30 SCHEMA_NAME_SMS=UmeX9XrNxi6Bn60T1Z5nbQ==
31 CONTEXT_NAME=FCJNeoWeb
32 ORACLE_HOME=D:/12Client/app/client/siramakr/product/12.1.0/client_1
33 ConfigPath=D:/PM125SOURCES/Oracle_Banking_Payments_12.5.0.0.0/INSTALLER/SOFT/config/Application
```

FCUBS_PROPERTIES_PATH Mention the property file path with file name where it is been placed.

Maintain the following Application Type according to the product type.

Product Type	Application Type	EAR Name
PAYMENTS	FCUBS	Any Distinct Name
GW-Integrated	INTEGRATED	Any Distinct Name
GW-Individual	INDIVIDUAL	Not Required
GW-MDB,EJB,HTTP	GATEWAY	Any Distinct Name
Scheduler	SCHDLR	Any Distinct Name

1.2 Standalone Setup

1. Goto **INSTALLER\SOFT** path and execute the **PMEarRun.bat** file in Windows (PMEarRun.sh in Linux) for Payments EAR build.

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

If EXT_JSUIXML is checked then JS_UIXML folder will be created parallel to INFRA folder, which should be manually copied to Deployment Path mentioned in env.properties.

2. For STAND ALONE SCHEDULER, execute SchedulerEarRun.bat in windows (SchedulerEarRun.sh in linux).

1.3 Co-deployed Set-up - Combining Payments with FCUBS

1. Go to **INSTALLER\SOFT** path and execute the PMUBSMergeRun.bat file in windows (PMUBSMergeRun.sh in linux) to consolidate the sources for Codeployed Setup of Payments with FCUBS. This batch file will be present in the OBPM patchset.

The batch file will prompt for entering the destination path of the FCUBS patchset version into which OBPM patchset source needs to be merged.

The below files will be copied from OBPM patchset source path to FCUBS patchset path as part of the batch/sh file execution. Before copying the files, it will perform a delete of old files in below paths if any.

- a. Copies below folders from **Payments** OSDC.zip to the **FCUBS** OSDC.zip.
 - INFRA\PM*
 - INFRA\PS*
- b. Copies the **PM** folder from **Payments** OSDC.zip to the **FCUBS** OSDC.zip.

- c. Copies all below files from folder **INSTALLER\SOFT\config\Application** from **Payments OSDC.zip** to the folder **INSTALLER\SOFT\config\Application** in **FCUBS OSDC.zip**.
 - AntLibrary_PM.xml
 - FCJ_applicationPM.xml
 - FCJ_applicationPMFasterPay.xml
 - FCJ_applicationPMGateway.xml
 - FCJ_applicationPMRest.xml
 - MANIFEST_PM.properties
 - PM.properties
 - d. Deletes old entry and adds the new value for FCPMTS to the file FCHome.ini located in FCUBS OSDC.zip from FCHome.ini located in Payments OSDC.zip with the value of proper patchset no for eg as below
FCPMTS: 14.4.0.0.1
2. Generate the fcubs.properties file with Payments and FCUBS details.
 3. In env.properties, **Application Type** is **FCUBS**.
 4. Go to **INSTALLER\SOFT** path and execute the **ROFCEarRun.bat** bat file in windows (ROFCEarRun.sh in linux) for FCUBS + Payments EAR build.
 5. For CodeDeployed, Gateway EAR creation execute ROFCGatewayEarRun.bat (ROFCGatewayEarRun.sh in Linux).
 6. For STAND ALONE SCHEDULER, execute SchedulerEarRun.bat in Windows (SchedulerEarRun.sh in Linux) for ROFC, execute TRSchedulerEarRun.bat in windows (TRSchedulerEarRun.sh in Linux) for OBTR, and execute TFSchedulerEarRun.bat in windows (TFSchedulerEarRun.sh in Linux) for OBTF.
 7. For EJB, MDB and HTTP gateways, run the respective bat files i.e. GWEJBEarRun.bat (GWEJBEarRun.sh), GWMDBEarRun.bat (GWMDBEarRun.sh) and GWHTTPEarRun.bat (GWHTTPEarRun.sh).



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