Payments Installer EAR Building
Oracle Banking Payments
Release 14.5.0.0.0
[May] [2021]

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FINANCIAL SERVICES

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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 otherwise EAR may fail if the fcubs property file path is not provided.

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

```
1   #Wed Apr 29 12:28:32 IST 2020
2   GW_PROPERTIES_PATH=C:/psapply/Oracle_Banking_Payments_14.3.0.3.1/INSTALLER/SOFT/logs/GW_WS_Prop.properties
3   HOST_SMS=hvdsUCBN369j+62W608XU0uIYyLdb9HJKRObth+i4Hw=
4   SYMMETRIC_KEY=oraclefinancials
5   ENTITY_ID1=ENTITY_ID1
6   PORT_SMS=1522
7   CONTEXT_NAME=FCJNeoWeb
8   PASSWORD_SMS=xVhtlqElYIv9agj2GmONtQ==
9   SOURCE_PATH=C:/psapply/Oracle_Banking_Payments_14.3.0.3.1
10  SCHEMA_NAME_ENTITY_ID1=Mg3OkrgDSzBwnUQAVqRDmw==
11  EXTERNAL_PROPERTY_PATH_REQUIRED=N
12  WEBLOGIC_HOME=C:/Oracle/Middleware/Oracle_Home/wlserver
13  SCHEMA_NAME_SMS=Mg3OkrgDSzBwnUQAVqRDmw==
14  COMPILE_IN_ALL_ENTITIES=N
15  PASSWORD_ENTITY_ID1=xVhtlqElYIv9agj2GmONtQ==
16  APPLICATION_TYPE=FCUBS
17  EXTERNAL_PROPERTY_PATH=
18  DECENTRALIZED=N
19  EAR_NAME=FCUBSApp
20  EXTERNAL_JSUIXML_PATH=/scratch/work_are/dev
21  EAR_DESTINATION_PATH=C:/psapply/Oracle_Banking_Payments_14.3.0.3.1
22  ENTITY_NOS=1
23  DECENTRALIZED_FCUBS_PROPERTIES_PATH=
24  CONNECTING_STRING_ENTITY_ID1=PLATOPDB
25  HOST_ENTITY_ID1=hvdsUCBN369j+62W608XU0uIYyLdb9HJKRObth+i4Hw=
26  ConfigPath=C:/psapply/Oracle_Banking_Payments_14.3.0.3.1/INSTALLER/SOFT/config/Application
27  SERVICE_NAME_ENTITY_ID1=xJJUa6U1jt98D/sRb8CvgA==
28  PATCHSET_INSTALLATION=Y
29  FCUBS_PROPERTIES_PATH=C:/psapply/Oracle_Banking_Payments_14.3.0.3.1/INSTALLER/SOFT/GUI/fcubs.properties
30  SINGLE_FIX_SOURCE=N
31  ORACLE_HOME=C:/app/client/product/18.0.0/client_1
32  APPSERVER_HOME=C:/Oracle/Middleware/Oracle_Home/wlserver
33  CONNECTING_STRING_SMS=PLATOPDB
34  JAVA_HOME=C:/Program Files/Java/jdk1.8.0_202
35  PORT_ENTITY_ID1=1522
36  EXTERNAL_JSUIXML_REQUIRED=N
37  SERVICE_NAME_SMS=xJJUa6U1jt98D/sRb8CvgA==
```

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

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4. 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 <u>Standalone Setup</u>

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 <u>Co-deployed Set-up - Combining Payments with FCUBS</u>

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.

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- 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 Codeployed, 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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