Oracle® Banking Treasury Management

Installer EAR Building Guide

Release 14.7.0.0.0

ORACLE®

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Preface

This manual explains the EAR building process for Oracle Banking Treasury Management.

This preface has the following topics:

- Audience
- Acronyms and Abbreviations
- Related Resources

Audience

This guide is primarily intended for Developers for Oracle Banking Treasury Management and third party or vendor software's. Some information may be relevant to IT decision makers and users of the application are also included. Readers are assumed to possess basic operating system, network, and system administration skills with awareness of vendor/third-party software's and knowledge of Oracle Banking Treasury Management.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 1   Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
DV	Derivatives
ETD	Exchange Traded Derivatives
FX	Foreign Exchange
MM	Money Market
OBTR	Oracle Banking Treasury Management
ODT	Open Development Tool
OT	Over the Counter Options
SE	Securities
SR	Securities Repo

Related Resources

For more information, see these Oracle Banking Treasury Management resources:

- *Oracle Banking Treasury Management Release Notes*
- *Oracle Banking Treasury Management Installer Index*
- *Oracle Banking Treasury Management Installer Prerequisite*

1
Building Application for Setup

The process of building EAR for various application types files includes the following steps:

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

   a. Obtain the fcubs.properties file generated by the GUI Installer, which is saved in the required path.

      For more information, refer to Treasury Management Installer Property File Creation document

   b. fcubs.properties file will be used for building the ear. This will be created as part of the initial property file creation.

   c. env.properties file parameters get updated during every property file creation (like OBTR, Gateway, Scheduler, etc.). After Property file creation, proceed with respective EAR build and then proceed with other components property file creations and build.

   d. Run the respective **EAR.bat** (Windows) or respective **EAR.sh** (Linux) file.

   e. The command window closes after the EAR is generated.

   f. The EAR will be generated in the EAR destination path provided during property file creation.

   g. JS and UIXML will also be generated in the EAR destination path if external JS/UIXML is selected during property file creation.

   h. The external path for JS/UIXML and EAR destination path can be referred to in the env.properties file.

   i. Manually copy the JS/UIXML generated in the EAR destination .path, to external JS/UIXML path.

2. Maintain the following Application Type accordingly for building respective EAR's.

Table 1-1   EAR Creation

Product Type	Application Type	EAR Name	BAT/sh file to be run	Property file to be used
TR	OBTR	Any Distinct Name	TREarRun.bat or TRCEarRun.sh	fcubs.properties
GW-Integrated	INTEGRATED	Any Distinct Name	TRGatewayEarRun.b at or TRGatewayEarRun.s h	GW_WS_Prop.pr op erties
GW-Individual	INDIVIDUAL	Not Required	TRGatewayEarRun.b at or TRGatewayEarRun.s h	GW_WS_Prop.pp ro perties

Table 1-1   (Cont.) EAR Creation

Product Type	Application Type	EAR Name	BAT/sh file to be run	Property file to be used
GW-REST	INDIVIDUAL	Any Distinct Name	TRGatewayRestE ar Run.bat or TRGatewayRestE ar Run.sh	GW_RESTEJB_P ro p.properties and GW_RESTEJB_P ro p.properties
GW-MDB	GATEWAY	Any Distinct Name	GWMDBEarRun. bat GWMDBEarRun.s h	GW_MDB_Prop.p ro perties
GW-HTTP	GATEWAY	Any Distinct Name	GWHTTPEarRun. bat GWHTTPEarRun. sh	GW_HTTP_Prop. pr operties
GW- EJB	GATEWAY	Any Distinct Name	GWEJBEarRun.b at or GWEJBEarRun	GW_ EJB_ Prop.properties
Scheduler	SCHDLR	Any Distinct Name	TRSchedulerEarR un.bat or TRSchedulerEarR un.sh	Scheduler.propert ies
ODT	ODT	Any Distinct Name	ODTWarRun.bat or ODTWarRun.sh	ODT.properties

3. The env.properties will have the appropriate application type set.

4. Go to `\INSTALLER\SOFT` path and execute the **<product T ype>EarRun** bat file for EAR build.

   For Example, **<product type>EarRun.bat**:- **TREarRun.bat** (**TREarRun.sh** for running in Linux machine) for TR and so on.

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

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

   b. 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**).

6. For ODT, execute **ODTWarRun.bat** in Windows (**ODTWarRun.sh** in Linux) after building odt.properties.

7. For STAND ALONE SCHEDULER, execute **TRSchedulerEarRun.bat** in Windows (**TRSchedulerEarRun.sh** in Linux).

8. After this, deploy the EAR in the application console.

> **Note:**
>
> Please ensure the necessary resources are created in the application server as mentioned in the Resources to be Created document