

Oracle® Banking Treasury Management

Installer EAR Building Guide



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Preface

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Purpose

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

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.

Documentation Accessibility

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Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

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*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
DV	Derivatives
EAR	Enterprise archive
ETD	Exchange Traded Derivatives
FX	Foreign Exchange

Table (Cont.) Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
FCUBS	Oracle FLEXCUBE Universal Banking
LDAP	Lightweight Directory Access Protocol
MM	Money Market
MDB	Message Driven Bean
OBTR	Oracle Banking Treasury Management
OT	Over the Counter Options
SE	Securities
SR	Securities Repo
SMS	Security Management System
UI	User interface

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Building Application for Setup

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

1. The process of building EAR/WAR 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 WAR. 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/WAR build and then proceed with other components property file creations and build.
 - d. Run the respective **.bat** (Windows) or respective **.sh** (Linux) file.
 - e. The command window closes after the EAR/WAR is generated.
 - f. The EAR/WAR will be generated in the EAR/WAR destination path provided during property file creation.
 - g. JS and UIXML will also be generated in the EAR/WAR destination path if external JS/UIXML is selected during property file creation.
 - h. The external path for JS/UIXML and EAR/WAR destination path can be referred to in the env.properties file.
 - i. Manually copy the JS/UIXML generated in the EAR/WAR destination .path, to external JS/UIXML path.
2. Maintain the following Application Type accordingly for building respective EAR/WAR's.

Table 1-1 EAR/WAR Creation

Product Type	Application Type	EAR Name	BAT/sh file to be run	Property file to be used	Folder Location in Destination Path
TR	OBTR	Any Distinct Name	TREarRun.bat or TREarRun.sh	fcubs.properties	WAR file in 'build' folder
GW-Integrated	INTEGRATED	Any Distinct Name	TRGatewayEarRun.b at or TRGatewayEarRun.sh	GW_WS_Prop.properties	OBTRWeb.war is generated in the destination folder
GW-Individual	INDIVIDUAL	Not Required	TRGatewayEarRun.b at or TRGatewayEarRun.sh	GW_WS_Prop.properties	OBTRWeb.war is generated in the destination folder

Table 1-1 (Cont.) EAR/WAR Creation

Product Type	Application Type	EAR Name	BAT/sh file to be run	Property file to be used	Folder Location in Destination Path
GW-REST	INDIVIDUAL	Any Distinct Name	TRGatewayRestEar Run.bat or TRGatewayRestEar Run.sh	GW_REST_Property.properties and GW_RESTEJB_Prop.properties	WAR file in 'gatewayBuild' folder
GW-REST	INTEGRATED	Any Distinct Name	TRGatewayRestEar Run.bat or TRGatewayRestEar Run.sh	GW_REST_Property.properties and GW_RESTEJB_Prop.properties	EAR file in Destination folder
GW-MDB	GATEWAY	Any Distinct Name	GWMDBEarRun.bat or GWMDBEarRun.sh	GW_MDB_Property.properties	WAR file in 'GWMDBBuild' folder
GW-HTTP	GATEWAY	Any Distinct Name	GWHTTPEarRun.bat or GWHTTPEarRun.sh	GW_HTTP_Property.properties	WAR file in 'GWHTTPBuild' folder
Scheduler	SCHDLR	Any Distinct Name	TRSchedulerEarRun.bat or TRSchedulerEarRun.sh	Scheduler.properties	WAR file in 'buildScheduler' folder
ODT	ODT	Any Distinct Name	ODTWarRun.bat or ODTWarRun.sh	ODT.properties	NA

3. The env.properties will have the appropriate application type set.
4. Go to \INSTALLER\SOFT path and execute the **<product Type>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/WAR file will be generated in the mentioned destination path. Similarly, all the EAR Build follow the same steps.
 - a. For Gateway WAR, execute **<Product Name>GatewayEarRun.bat** (**<Product Name>GatewayEarRun.sh**)
 - b. For MDB and HTTP gateways , run the respective bat files i.e. **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/WAR 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.