Oracle® Banking Treasury Management Installer EAR Building Guide





Oracle Banking Treasury Management Installer EAR Building Guide, Release 14.7.5.0.0

G16682-01

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Contents

1 Building Application for Setup



Preface

This topic contains the following sub-topics:

- Purpose
- Audience
- Documentation Accessibility
- Critical Patches
- · Diversity and Inclusion
- Related Resources
- Conventions
- Screenshot Disclaimer
- Acronyms and Abbreviations

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.

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Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by Oracle Software Security Assurance.



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. | | | | |
| italic | 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 |
| ОТ | Over the Counter Options |
| SE | Securities |
| SR | Securities Repo |
| SMS | Security Management System |
| UI | User interface |



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.propertie s | WAR file in 'build' folder |
| GW-Integrated | INTEGRATED | Any Distinct Name | TRGatewayEar Run.b at or TRGatewayEar Run.sh | GW_WS_Prop .properties | EAR file in Destination folder |
| GW-Individual | INDIVIDUAL | Not Required | TRGatewayEar Run.b at or TRGatewayEar Run.sh | GW_WS_Prop .properties | WAR file in 'gatewayBuild' 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 | TRGatewayRe stEar Run.bat or TRGatewayRe stEar Run.sh | GW_RESTEJB _Prop.properti es and GW_RESTEJB _Prop.properti es | WAR file in 'gatewayBuild' |
| GW-MDB | GATEWAY | Any Distinct Name | GWMDBEarRu n.bat GWMDBEarRu n.sh | GW_MDB_Pro p.properties | WAR file in 'GWMDBuild' folder |
| GW-HTTP | GATEWAY | Any Distinct Name | GWHTTPEarR un.bat GWHTTPEarR un.sh | GW_HTTP_Pr op.properties | WAR file in 'GWHTTPBuild ' folder |
| Scheduler | SCHDLR | Any Distinct Name | TRSchedulerE arRun.bat or TRSchedulerE arRun.sh | Scheduler.prop erties | WAR file in 'buildScheduler ' folder |
| ODT | ODT | Any Distinct Name | ODTWarRun.b at or ODTWarRun.s h | ODT.properties | |

- 3. The env.properties will have the appropriate application type set.
- Go to \INSTALLER\SOFT path and execute the product Type>EarRun bat file for EAR build.

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

- 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 > Gateway EarRun.bat (< Product Name > Gateway EarRun.sh)
 - b. For MDB and HTTP gateways, run the respective bat files i.e. **GWMDBEarRun.bat** (**GWMDBEarRun.sh**) and **GWHTTPEarRun.bat** (**GWHTTPEarRun.sh**).
- For ODT, execute ODTWarRun.bat in Windows (ODTWarRun.sh in Linux) after building odt.properties.
- For STAND ALONE SCHEDULER, execute TRSchedulerEarRun.bat in Windows (TRSchedulerEarRun.sh in Linux).
- 8. After this, deploy the EAR/WAR in the application console.





Please ensure the necessary resources are created in the application server as mentioned in the Resources to be Created document.

