

# Oracle® Banking Treasury Management

## Installer EAR Building Guide



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## 1 Building Application for Setup

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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                           |
| EAR                       | Enterprise archive                    |
| ETD                       | Exchange Traded Derivatives           |
| FX                        | Foreign Exchange                      |
| 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                       |

**Table 1 (Cont.) Acronyms and Abbreviations**

| Abbreviations or Acronyms | Definition                 |
|---------------------------|----------------------------|
| SMS                       | Security Management System |
| UI                        | User interface             |

## 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 TREarRun.sh                | fcubs.properties         |
| GW-Integrated | INTEGRATED       | Any Distinct Name | TRGatewayEarRun.b at or TRGatewayEarRun.sh | GW_WS_Prop.properties    |
| GW-Individual | INDIVIDUAL       | Not Required      | TRGatewayEarRun.b at or TRGatewayEarRun.sh | GW_WS_Prop.properties    |

**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 | TRGatewayRestEarRun.bat or TRGatewayRestEarRun.sh | GW_RESTEJB_Prop.properties and GW_RESTEJB_Prop.properties |
| GW-MDB       | GATEWAY          | Any Distinct Name | GWMDBEarRun.bat<br>GWMDBEarRun.sh                 | GW_MDB_Prop.properties                                    |
| GW-HTTP      | GATEWAY          | Any Distinct Name | GWHTTPEarRun.bat<br>GWHTTPEarRun.sh               | GW_HTTP_Prop.properties                                   |
| GW- EJB      | GATEWAY          | Any Distinct Name | GWEJBEarRun.bat or GWEJBEarRun                    | GW_EJB_Prop.properties                                    |
| Scheduler    | SCHDLR           | Any Distinct Name | TRSchedulerEarRun.bat or TRSchedulerEarRun.sh     | Scheduler.properties                                      |
| 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 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 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