

# Oracle Banking Trade Finance

## Installer EAR Building



Release 14.8.1.0.0  
G46012-01  
October 2025

ORACLE®

Oracle Banking Trade Finance Installer EAR Building, Release 14.8.1.0.0

G46012-01

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# Contents

## Preface

---

|                             |    |
|-----------------------------|----|
| Purpose                     | i  |
| Audience                    | i  |
| Documentation Accessibility | i  |
| Critical Patches            | i  |
| Diversity and Inclusion     | i  |
| Conventions                 | ii |
| Related Resources           | ii |

## 1 Building Application for Setup

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# Preface

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Related Resources](#)

## Purpose

This manual is designed to help you quickly get acquainted with the process of building EAR files.

## Audience

This guide is intended for anyone responsible for installing Oracle Banking Application.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Access to Oracle Support

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## Critical Patches

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 ensure 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.

## Conventions

The following text conventions are used in this document:

| Convention      | Meaning                                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>boldface</b> | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.                         |
| <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. |

## Related Resources

For more information, see these Oracle Banking Trade Finance resources:

- [Oracle Banking Trade Finance Release Notes](#)
- [Oracle Banking Trade Finance Install & Upgrade](#)

# 1

## Building Application for Setup

The process of building EAR files includes the following steps:

- Obtain the fcubs.properties (Refer OBTF\_Installer\_Property\_File\_Creation document) file generated by the GUI Installer which is saved in the required path.
- fcubs.properties file will be used for building the ear. This will be created as part of the initial property file creation
- env.properties file parameters gets updated during every property file creation (like OBTF, Gateway, Scheduler etc). After Property file creation, proceed with respective EAR build and then proceed with other components property file creations and build.
- Run the respective EAR bat (Windows) or respective EAR.sh (Linux) file.
- The command window closes after the EAR is generated.
- The EAR will be generated in the EAR destination path provided during property file creation.
- JS and UIXML will also be generated in the EAR destination path if external JS/UIXML is selected during property file creation.
- The external path for JS/UIXML and EAR destination path can be referred in env.properties file.
- Manually copy the JS/UIXML generated in the EAR destination path, to external JS/UIXML path.

Maintain the following Application Type accordingly for building respective EARs:

**Table 1-1 Standalone**

| Product Type  | Application Type | EAR Name          | BAT/sh file to be run                             | Property file to be used                               |
|---------------|------------------|-------------------|---------------------------------------------------|--------------------------------------------------------|
| TF            | OBTF             | Any Distinct Name | TFEarRun.bat or TFEarRun.sh                       | fcubs.properties                                       |
| GW-Integrated | INTEGRATED       | Any Distinct Name | TFGatewayEarRun.bat or TFGatewayEarRun.sh         | GW_WS_Prop.properties                                  |
| GW-Individual | INDIVIDUAL       | Not Required      | TFGatewayEarRun.bat or TFGatewayEarRun.sh         | GW_WS_Prop.properties                                  |
| GW-REST       | INDIVIDUAL       | Any Distinct Name | TFGatewayRestEarRun.bat or TFGatewayRestEarRun.sh | GW_REST_Prop.properties and GW_RESTEJB_Prop.properties |
| GW-Individual | INDIVIDUAL       | Not Required      | TFGatewayEarRun.bat or TFGatewayEarRun.sh         | GW_WS_Prop.properties                                  |

**Table 1-1 (Cont.) Standalone**

| Product Type | Application Type | EAR Name          | BAT/sh file to be run                                    | Property file to be used       |
|--------------|------------------|-------------------|----------------------------------------------------------|--------------------------------|
| GW-MDB       | GATEWAY          | Any Distinct Name | GWMDBEarRun.bat<br>GWMDBEarRun.sh                        | GW_MDB_Prop.pr<br>operties     |
| GW-HTTP      | GATEWAY          | Any Distinct Name | GWHTTPEarRun.bat<br>GWHTTPEarRun.sh                      | GW_HTTP_Prop.p<br>roperties    |
| GW- EJB      | GATEWAY          | Any Distinct Name | GWEJBEarRun.bat<br>or GWEJBEarRun                        | GW_<br>EJB_Prop.proporti<br>es |
| Scheduler    | GATEWAY          | Any Distinct Name | TFSchedulerEarRun.<br>bat or<br>TFSchedulerEarRun.<br>sh | Scheduler.proporti<br>es       |
| ODT          | ODT              | Any Distinct Name | ODTWarRun.bat or<br>ODTWarRun.sh                         | ODT.properties                 |

**Co-Deployment:**

Co-Deployment with FCUBS: Refer: FCUBS\_EAR\_Building.pdf

prerequisite:

1. Inside OBTF release or patchset "ADAPTERS", "WS" folders to be merged with the same folders present in FCUBS release or patchset.
2. Similarly inside release or patchset "OBTF" folder to be copied parallel to "ROFC" folder in FCUBS release or patchset.

**Note**

In case of OBTF co-deployment with other product processors (without FCUBS) \*.bat/  
\*.sh of both OBTF and product processors also to be run.

| Product Type  | Application Type | EAR Name          | BAT/sh file to be run                                          | Property file to be used                                          |
|---------------|------------------|-------------------|----------------------------------------------------------------|-------------------------------------------------------------------|
| TF            | OBTF             | Any Distinct Name | TFEarRun.bat or<br>TFEarRun.sh                                 | fcubs.properties                                                  |
| GW-Integrated | INTEGRATED       | Any Distinct Name | TFGatewayEarRun.b<br>at or<br>TFGatewayEarRun.s<br>h           | GW_WS_Prop.pro<br>perties                                         |
| GW-Individual | INDIVIDUAL       | Not Required      | TFGatewayEarRun.b<br>at or<br>TFGatewayEarRun.s<br>h           | GW_WS_Prop.pro<br>perties                                         |
| GW-REST       | INDIVIDUAL       | Any Distinct Name | TFGatewayRestEarR<br>un. bat or<br>TFGatewayRestEarR<br>un. Sh | GW_REST_Prop.p<br>roperties and<br>GW_RESTEJB_Pr<br>op.properties |

| Product Type  | Application Type | EAR Name          | BAT/sh file to be run                                                                                                                                                                                                                                                        | Property file to be used |
|---------------|------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| GW-Individual | INDIVIDUAL       | Not Required      | TFGatewayEarRun.bat or TFGatewayEarRun.sh                                                                                                                                                                                                                                    | GW_WS_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 | Co-Deployed with FCUBS:<br>SchedulerEarRun.bat or SchedulerEarRun.sh<br>Co-Deployed with other product processor:<br>TFSchedulerEarRun.bat<br><br>or<br>TFSchedulerEarRun.sh<br>and<br><Product_Procesor> SchedulerEarRun.bat<br>or<br><Product_Procesor> SchedulerEarRun.sh | Scheduler.properties     |
| ODT           | ODT              | Any Distinct Name | ODTWarRun.bat or ODTWarRun.sh                                                                                                                                                                                                                                                | ODT.properties           |

This table shows the BAT/sh scripts that need to be run individually for each EAR creation. The env.properties will have the appropriate application type set.

1. Go to **INSTALLER\SOFT** path and execute the **<Product Type>EarRun** bat file for EAR build.

For Example: <Product Type>EarRun.bat:- TFEarRun.bat (TFearRun.sh for running in Linux machine) for OBTF and so on.

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

2. For Gateway EAR, execute <Product Name>GatewayEarRun.bat (<Product Name>GatewayEarRun.sh).
3. 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)..

4. For ODT, execute ODTWarRun.bat in Windows (ODTWarRun.sh in Linux) after building odt.properties.
5. For STAND ALONE SCHEDULER, execute TFSchedulerEarRun.bat in Windows (TFSchedulerEarRun.sh in Linux).

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 OBTF\_Resources\_To\_Be\_Created.docx