Oracle® Banking Corporate Lending
Installer EAR Building

Release 14.7.4.0.0

ORACLE®

Oracle Banking Corporate Lending Installer EAR Building, Release 14.7.4.0.0

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Preface

This topic contains the following sub-topics:

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Purpose

This manual is designed to help acquaint you with the process of building EAR files for Oracle Banking Corporate Lending.

Audience

This manual is intended for the following User/User Roles:

Table 1   Audience

Role	Function
Implementation team	Implementation of Oracle Banking Corporate Lending Solution
Presales team	Install Oracle Banking Corporate Lending for demo purpose
Bank personnel	Who installs Oracle Banking Corporate Lending

The user of this manual is expected to have basic understanding of Application server like Oracle Weblogic, IBM Websphere and Oracle Database.

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

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

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 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 on any related features, refer to the following documents:

* *Release Notes*
* *Installation Guides*

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 list of the acronyms and abbreviations used in this guide are as follows:

Table 2   Acronyms and Abbreviations

Abbreviation	Description
FCUBS	Oracle FLEXCUBE Universal banking Solutions
ELCM	Oracle Banking Enterprise Limits and Collateral Management
EAR	Enterprise Archive file
EJB	Enterprise Java Bean
GW	Gateway
HTTP	Hypertext Transfer Protocol
JS	Java Script
ODT	Open Development Tool
OBCL	Oracle Banking Corporate Lending
OBTF	Oracle Banking Trade Finance
OBTR	Oracle Banking Treasury Management
ROFC	Rest of FLEXCUBE

Basic Actions

Table 3   List of Basic Actions

Action	Description
Approve	Click **Approve** to approve the initiated report. This button is displayed, once the user click **Authorize**.
Audit	Click **Audit** to view the maker details, checker details of the particular record, and record status. This button is displayed only for the records that are already created.
Authorize	Click **Authorize** to authorize the record created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a record. This button is displayed only for the already created records.
Close	Click **Close** to close a record. This action is available only when a record is created.
Confirm	Click **Confirm** to confirm the performed action.
Cancel	Click **Cancel** to cancel the performed action.
Compare	Click **Compare** to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click **Authorize**.
Collapse All	Click **Collapse All** to hide the details in the sections. This button is displayed, once the user click **Compare**.
Expand All	Click **Expand All** to expand and view all the details in the sections. This button is displayed, once the user click **Compare**.

Table 3   (Cont.) List of Basic Actions

Action	Description
New	Click **New** to add a new record. The system displays a new record to specify the required data. 📝 **Note:** The fields which are marked in asterisk red are mandatory fields.
OK	Click **OK** to confirm the details in the screen.
Save	Click **Save** to save the details entered or selected in the screen.
View	Click **View** to view the report details in a particular modification stage. This button is displayed in the widget, once the user click **Authorize**.
View Difference only	Click **View Difference only** to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click **Compare**.

Symbols and Icons

The list of symbols and icons available on the screens are as follows:

Table 4   Symbols and Icons - Common

Symbol/Icon	Function
⌐ ¬ ⌐ ¬	Minimize
⌐ ¬ ⌐ ¬	Maximize
✕	Close
🔍	Perform Search
▼	Open a list
|◀	Navigate to the first record
▶|	Navigate to the last record
◀	Navigate to the previous record
▶	Navigate to the next record

Table 4   (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	Grid view
	List view
	Refresh
+	Click this icon to add a new row.
-	Click this icon to delete a row, which is already added.
	Calendar
	Alerts
	Unlock Option
	View Option
	New
	Enter query
	Execute query
	Copy
	Delete
	Save
	Search
	Advanced search
	Clear all
	Reset

Table 4   (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	Export
	Print
	View Details
	Sorting

Table 5   Symbols and Icons - Widget

Symbol/Icon	Function
	Open status
	Unauthorized status
	Rejected status
	Closed status
	Authorized status
	Modification Number
	Hold
	Reverse
	Authorize
	Rollover

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Building Application for Setup

The process of building EAR files includes the following steps:

- Obtain the fcubs.properties (Refer Property File Creation) 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 FCUBS, 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
ROFC	FCUBS	Any Distinct Name	ROFCEarRun.bat or ROFCEarRun.sh	fcubs.properties
GW-Integrated	INTEGRATED	Any Distinct Name	ROFCGatewayEar Run.b at or ROFCGatewayEar Run.s h	GW_WS_Prop.pro perties
GW-Individual	INDIVIDUAL	Not Required	ROFCGatewayEar Run.b at or ROFCGatewayEar Run.s h	GW_WS_Prop.pro perties
GW-REST	INDIVIDUAL	Any Distinct Name	ROFCGatewayRes tEar Run.bat or ROFCGatewayRes tEar Run.sh	GW_REST_Prop.p roperties and GW_RESTEJB_Pr op.properties
GW-MDB	GATEWAY	Any Distinct Name	GWMDBEarRun.b at GWMDBEarRun.sh	GW_MDB_Prop.pr operties

Table 1-1   (Cont.) Standalone

Product Type	Application Type	EAR Name	BAT/sh file to be run	Property file to be used
GW-HTTP	GATEWAY	Any Distinct Name	GWHTTPEarRun.bat 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	SchedulerEarRun.bat or 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. Goto \INSTALLER\SOFT path and execute the EarRun bat file for EAR build. For Example : EarRun.bat :- ROFCEarRun.bat (ROFCEarRun.sh for running in Linux machine) for ROFC 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 GatewayEarRun.bat (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 SchedulerEarRun.bat in Windows (SchedulerEarRun.sh in Linux) for ROFC, execute TRSchedulerEarRun.bat in windows (TRSchedulerEarRun.sh in Linux) for OBTR, execute TFSchedulerEarRun.bat in windows (TFSchedulerEarRun.sh in Linux) for OBTF.After this deploy the EAR in the application console.

> **Note:**
>
> ExtAdapter.(JAR or WAR) is generated for ROFC in case of ELCM_INSTALLED, S(Standalone) and C(Co-deployed) OBCLExtAdapter. (JAR or WAR) is generated for OBCL in case of ELCM_INSTALLED S(Standalone) and C(Codeployed) both OBCLExtAdapter. (JAR or WAR) and ExtAdapter.(JAR or WAR) is generated for OBCL and ROFC CoDeployed in case of ELCM_INSTALLED S(Standalone) and C(Co-deployed). In case of Oracle Banking Corporate Lending , 'OBCLCalcEngine' WAR file is generated along with EAR. This WAR file is required to be deployed as standalone component for RFR (Risk Free Rates) calculations.

> **Note:**
>
> Ensure the necessary resources are created in the application server as mentioned in the *Resources To Be Created* document.