

# Oracle® Banking Corporate Lending Installer EAR Building



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Oracle Banking Corporate Lending Installer EAR Building, Release 14.7.5.0.0

G15139-01

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# Preface

This topic contains the following sub-topics:

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

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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 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
<b>boldface</b>	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 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
<b>Approve</b>	Click <b>Approve</b> to approve the initiated report. This button is displayed, once the user click <b>Authorize</b> .
<b>Audit</b>	Click <b>Audit</b> 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.
<b>Authorize</b>	Click <b>Authorize</b> 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.
<b>Close</b>	Click <b>Close</b> to close a record. This action is available only when a record is created.
<b>Confirm</b>	Click <b>Confirm</b> to confirm the performed action.
<b>Cancel</b>	Click <b>Cancel</b> to cancel the performed action.
<b>Compare</b>	Click <b>Compare</b> 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 <b>Authorize</b> .
<b>Collapse All</b>	Click <b>Collapse All</b> to hide the details in the sections. This button is displayed, once the user click <b>Compare</b> .
<b>Expand All</b>	Click <b>Expand All</b> to expand and view all the details in the sections. This button is displayed, once the user click <b>Compare</b> .

Table 3 (Cont.) List of Basic Actions

Action	Description
<b>New</b>	Click <b>New</b> to add a new record. The system displays a new record to specify the required data.  <div style="border-left: 2px solid #0070C0; padding-left: 10px; margin-left: 20px;">  <b>Note:</b> The fields which are marked in asterisk red are mandatory fields. </div>
<b>OK</b>	Click <b>OK</b> to confirm the details in the screen.
<b>Save</b>	Click <b>Save</b> to save the details entered or selected in the screen.
<b>View</b>	Click <b>View</b> to view the report details in a particular modification stage. This button is displayed in the widget, once the user click <b>Authorize</b> .
<b>View Difference only</b>	Click <b>View Difference only</b> 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 <b>Compare</b> .

## 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

# 1

## Building Application for Setup

In the 14.7.5.0.0 release, the installer was modified to generate the .war file instead of the .ear file. Follow the steps below to generate a .war file. These steps will only be applicable to Innovation releases.

- [War build process](#)
- [Standalone Setup](#)

### 1.1 War build process

1. The process of building WAR file includes the following steps:
  - Generate the GUI Installer to get the fcubs.properties file, saved in the required path.
  - For Windows, run the CLEarRun.bat file or for Linux, run the CLEarRun.sh file.
2. Follow the steps below to build the application using the Silent Installer for setup:

The GUI Installer generates the fcubs.properties file path; otherwise, the WAR may fail if the fcubs property file path is not provided
3. Specify all the fields in the Environmental Property File to keep it up-to-date.

FCUBS\_PROPERTIES\_PATH variable displays the property file path with the file name where it has been placed.

**Figure 1-1 Environment Properties File details 1**

```
1 #Wed Jul 24 12:53:56 IST 2024
2 TNS_ADMIN_HOME=
3 ORMA_PRODUCT_INSTALLED=N
4 ENTITY_ID1=ENTITY_ID1
5 EXTERNAL_PROPERTY_PATH=
6 EAR_NAME=FCUBS
7 COMPILE_IN_ALL_ENTITIES=N
8 PATCHSET_INSTALLATION=N
9 CONNECTING_STRING_ENTITY_ID1=PM147INDEV1_PDB
10 CONNECTING_STRING_SMS=PM147INDEV1_PDB
11 DESTINATION_PATH=D:/14.8_GA/Console_Exec_14.8_nonJEE
12 EXTERNAL_JSUIXML_REQUIRED=Y
13 PORT_ENTITY_ID1=1521
14 EAR_DESTINATION_PATH=D:/14.8_GA/EAR_Standalone_nonJEE/Main_application
15 APPSERVER_HOME=C:/Oracle/Middleware/Oracle_Home/wlserver
16 GW_PROPERTIES_PATH=D:/14.8_GA/Console_Exec_14.8_nonJEE/INSTALLER/SOFT/logs/GW_WS_Prop.properties
17 CLOUD_INSTALLATION=N
18 SERVICE_NAME_ENTITY_ID1=7HC2Qal7PS5JjfoTlqFKV2eMW1zRS5e/nh4=
19 PASSWORD=
20 AUTONOMOUS_DATABASE_INSTALLED=N
21 ZDT_OBJECTS_ACTUALIZATION_REQUIRED=Y
22 SYMMETRIC_KEY=oraclefinancials
23 SINGLE_FIX_SOURCE=N
24 ZDT_OBJECTS_COMPILE_THREAD=1
25 SOURCE_PATH=D:/14.8_GA/Console_Exec_14.8_nonJEE
26 BASE_EDITION=
27 APPLICATION_TYPE=FCUBS
28 EXTERNAL_JSUIXML_PATH=/scratch/work_area/DEV/14.8_GA_Test/JSUIXML
29 NUMBER_OF_CPU_CORES_FOR_ZDT_RECOMP=4
30 JAVA_HOME=C:/Program Files/Java/jdk-11
31 PM_Config_Path=D:/14.8_GA/Console_Exec_14.8_nonJEE/PM/INSTALLER/SOFT/config/Application
32 CONTEXT_NAME=FCNeoWeb
33 DECENTRALIZED=N
34 ENTITY_NOS=1
35 SCHEMA_NAME_SMS=7HC2Qal7PS5JjfoTlqFKV2eMW1zRS5e/nh4=
36 SCHEMA_NAME_ENTITY_ID1=7HC2Qal7PS5JjfoTlqFKV2eMW1zRS5e/nh4=
```

**Figure 1-2 Environment Properties File details 2**

```

37 SCHEMA=
38 PORT_SMS=1521
39 DECENTRALIZED_FCUBS_PROPERTIES_PATH=
40 ORACLE_HOME=D:/app/client/skunani/product/19.0.0/client_1
41 JSESSION_ID=
42 ZDT_PATCHING=N
43 WEBLOGIC_HOME=C:/Oracle/Middleware/Oracle_Home/wlserver
44 PASSWORD_SMS=7HC2Qal7PS5JjfOTlqFkV2eMWiZRSSe/nh4=
45 USER_NAME=
46 HOST_SMS=jQ23W6kEXUks/jiKqBVh4snx+labBg844H50q+4=
47 SERVICE_NAME_SMS=7HC2Qal7PS5djKCKzy5T2IuryVXLAWWwVjJmrcprZs=
48 PATCHSET_EDITION=
49 HOST_ENTITY_ID1=jQ23W6kEXUks/jiKqBVh4snx+labBg844H50q+4=
50 PASSWORD_ENTITY_ID1=7HC2Qal7PS5JjfOTlqFkV2eMWiZRSSe/nh4=
51 ConfigPath=D:/14.8_GA/Console_Exec_14.8_nonJEE/INSTALLER/SOFT/config/Application
52 FCHome=D:/14.8_GA/Console/
53 EXTERNAL_PROPERTY_PATH_REQUIRED=N
54 FCUBS_PROPERTIES_PATH=D:/14.8_GA/Console_Exec_14.8_nonJEE/INSTALLER/SOFT/GUI/fcubs.properties
55 varedited=N
56

```

## 1.2 Standalone Setup

During the war, FCJNeoWeb is the primary application, and it generates files. The UI automatically populates the War Name while creating property files.

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
GW-HTTP	GATEWAY	Any Distinct Name	GWHTTPEarRun.b at GWHTTPEarRun.s h	GW_HTTP_Prop.p roperties
GW- EJB	GATEWAY	Any Distinct Name	GWEJBEarRun.bat or GWEJBEarRun	GW_ EJB_Prop.properti es

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

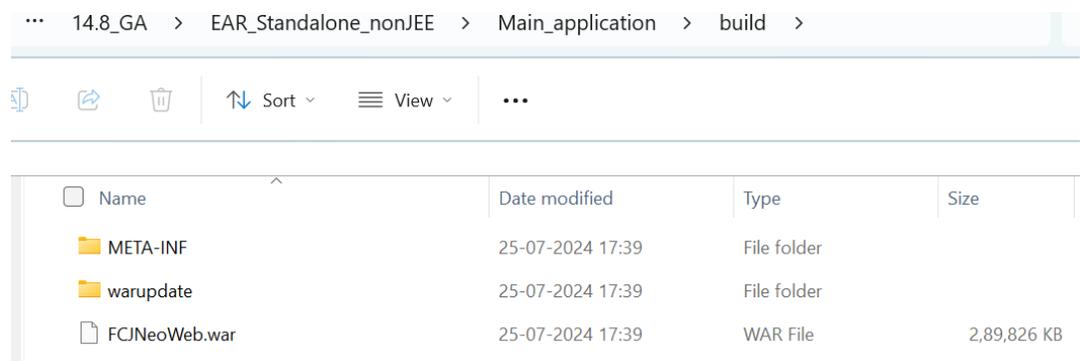
Product Type	Application Type	EAR Name	BAT/sh file to be run	Property file to be used
Scheduler	SCHDLR	Any Distinct Name	SchedulerEarRun.bat or SchedulerEarRun.sh	Scheduler.properties
ODT	ODT	Any Distinct Name	ODTWarRun.bat or ODTWarRun.sh	ODT.properties

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. For the Payments WAR build, you must run the CLEarRun.bat file located in the \INSTALLER\SOFT path on Windows, or the CLEarRun.sh file on Linux.

The mentioned source path will generate a WAR file with the following folder structure.

**Figure 1-3 War Build - Folder Structure**



 **Note:**

As per the latest Installer changes, all the .jar files will be copied to the FCJNeoWeb.war\WEB-INF\lib folder.

**Figure 1-4 FCJNeoWeb library folder**

Name	Size	Packed SL	Modified	Created	Accessed	Attributes	Encrypted	Comment	CRC	Method	Character...	Host
BIPublisher-client-stub.jar	111 741	111 761	2024-07-16 16:36			-rw-r--r--	-		DC8BC584	Deflate	UTF8	Unix
commons-codec-1.17-SNAPSHOT.jar	357 241	357 296	2024-07-16 16:36			-rw-r--r--	-		F80A9709	Deflate	UTF8	Unix
commons-collections4-4.4.jar	751 911	752 026	2024-07-16 16:36			-rw-r--r--	-		3D809797	Deflate	UTF8	Unix
commons-compress-1.21.jar	1 018 294	1 018 454	2024-07-16 16:36			-rw-r--r--	-		27EF75EF	Deflate	UTF8	Unix
commons-io-2.11.0.jar	327 093	327 143	2024-07-16 16:36			-rw-r--r--	-		690DD160	Deflate	UTF8	Unix
commons-lang3-3.12.0.jar	587 402	587 492	2024-07-16 16:36			-rw-r--r--	-		0A00A388	Deflate	UTF8	Unix
commons-logging-1.2.1.jar	63 583	63 593	2024-07-16 16:36			-rw-r--r--	-		DDCDE6E6	Deflate	UTF8	Unix
commons-math3-3.6.1.jar	2 216 942	2 217 282	2024-07-16 16:36			-rw-r--r--	-		286EC07D	Deflate	UTF8	Unix
commons-net-3.9.0.jar	316 431	316 481	2024-07-16 16:36			-rw-r--r--	-		BA4D5279	Deflate	UTF8	Unix
compiler_unshaded_deploy.jar	13 539 568	13 541 6...	2024-07-16 16:36			-rw-r--r--	-		240AA9A9	Deflate	UTF8	Unix
FCJBatch.jar	30 258	30 263	2024-07-25 17:38			-rw-r--r--	-		088ADD36	Deflate	UTF8	Unix
FCJCoreDAOOracle.jar	748 740	748 855	2024-07-25 17:38			-rw-r--r--	-		F45F2FE9	Deflate	UTF8	Unix
FCJGeneralEJB.jar	188 805	188 835	2024-07-25 17:38			-rw-r--r--	-		C4FFC22D	Deflate	UTF8	Unix
FCJIMBean.jar	17 413	17 418	2024-07-25 17:38			-rw-r--r--	-		E322CD62	Deflate	UTF8	Unix
FCJMS.jar	134 095	134 120	2024-07-25 17:38			-rw-r--r--	-		468AEC2A	Deflate	UTF8	Unix
FCJUtility.jar	2 213 258	2 213 598	2024-07-25 17:38			-rw-r--r--	-		F4B70A04	Deflate	UTF8	Unix
FCServiceEJB.jar	128 696	128 716	2024-07-25 17:38			-rw-r--r--	-		9989222E	Deflate	UTF8	Unix
FCServiceRouter.jar	197 629	197 664	2024-07-25 17:38			-rw-r--r--	-		B0177A1B	Deflate	UTF8	Unix
FCServiceUtil.jar	32 947	32 957	2024-07-25 17:38			-rw-r--r--	-		284BC26C	Deflate	UTF8	Unix
guava-31.0.1-jre.jar	2 974 216	2 974 671	2024-07-16 16:36			-rw-r--r--	-		760FB030	Deflate	UTF8	Unix
jackson-annotations-2.14.0.jar	76 091	76 106	2024-07-16 16:36			-rw-r--r--	-		049C2D86	Deflate	UTF8	Unix
jackson-core-2.14.0.jar	458 975	459 050	2024-07-16 16:36			-rw-r--r--	-		5A843F57	Deflate	UTF8	Unix
jackson-databind-2.14.0.jar	1 618 273	1 618 523	2024-07-16 16:36			-rw-r--r--	-		E3035304	Deflate	UTF8	Unix
jackson-dataformat-yaml-2.13.2.jar	52 017	52 027	2024-07-16 16:36			-rw-r--r--	-		CAD10D...	Deflate	UTF8	Unix
jettyson-1.5.4.jar	90 184	90 199	2024-07-16 16:36			-rw-r--r--	-		B316C9F9	Deflate	UTF8	Unix
jwt-api-0.11.2.jar	78 280	78 295	2024-07-16 16:36			-rw-r--r--	-		60241154	Deflate	UTF8	Unix

When EXT\_JSUIXML is chosen, it will create the JS\_UIXML folder in parallel to the build folder. You should manually copy this folder to the Deployment Path specified in env.properties.

- For Gateway EAR, execute GatewayEarRun.bat (GatewayEarRun.sh)
- 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).
- For ODT, execute ODTWarRun.bat in Windows (ODTWarRun.sh in Linux) after building odt.properties.
- You can execute SchedulerEarRun.bat for STAND ALONE SCHEDULER in Windows or SchedulerEarRun.sh in Linux and 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.

The mentioned source path will generate a WAR file with the following folder structure.

**Figure 1-5 Build Scheduler - Folder Structure**

Name	Date modified	Type	Size
META-INF	29-07-2024 14:40	File folder	
warupdate	29-07-2024 14:40	File folder	
FCJSchedulerWeb.war	25-07-2024 17:33	WAR File	2,84,777 KB

 **Note:**

As per Installer changes, Scheduler war will be generated with FCJSchedulerWeb.war name, and all the .jars files are copied to the FCJSchedulerWeb.war\WEB-INF\lib folder,

**Figure 1-6 FCJSchedulerWeb library folder**

D:\14\_8\_GA\EAR\_Standalone\_nonJEE\Main\_application\build\Scheduler\FCJSchedulerWeb.war\WEB-INF\lib\

Name	Size	Packed Size	Modified	Created	Accessed	Attributes	Encrypted	Comment	CRC	Method	Character...	Hos
BiPublisher-client-stub.jar	111 741	111 761	2024-07-16 16:36			-rw-r--r--	-		DC88C5B4	Deflate	UTF8	Unib
commons-codes-1.17-SNAPSHOT.jar	357 241	357 296	2024-07-16 16:36			-rw-r--r--	-		F80A9709	Deflate	UTF8	Unib
commons-collections4-4.4.jar	751 911	752 026	2024-07-16 16:36			-rw-r--r--	-		3D809797	Deflate	UTF8	Unib
commons-compress-1.21.jar	1 018 294	1 018 454	2024-07-16 16:36			-rw-r--r--	-		27EF75EF	Deflate	UTF8	Unib
commons-io-2.11.0.jar	327 093	327 143	2024-07-16 16:36			-rw-r--r--	-		690DD160	Deflate	UTF8	Unib
commons-lang3-3.12.0.jar	587 402	587 492	2024-07-16 16:36			-rw-r--r--	-		0A00A38B	Deflate	UTF8	Unib
commons-logging-1.2.1.jar	63 583	63 593	2024-07-16 16:36			-rw-r--r--	-		DDCDE6E6	Deflate	UTF8	Unib
commons-math3-3.6.1.jar	2 216 942	2 217 282	2024-07-16 16:36			-rw-r--r--	-		286EC07D	Deflate	UTF8	Unib
commons-net-3.9.0.jar	316 431	316 481	2024-07-16 16:36			-rw-r--r--	-		BA4D5279	Deflate	UTF8	Unib
compiler_unshaded_deploy.jar	13 539 568	13 541 6...	2024-07-16 16:36			-rw-r--r--	-		240AA9A9	Deflate	UTF8	Unib
FCJBulker.jar	1 195 199	1 195 384	2024-07-25 17:33			-rw-r--r--	-		C64558B7	Deflate	UTF8	Unib
FCJCoreDAOOracle.jar	748 740	748 855	2024-07-25 17:33			-rw-r--r--	-		C0FCE8E2	Deflate	UTF8	Unib
FCJScheduler.jar	876 151	876 286	2024-07-25 17:33			-rw-r--r--	-		7F612FE4	Deflate	UTF8	Unib
FCJUtility.jar	2 213 258	2 213 598	2024-07-25 17:33			-rw-r--r--	-		663091BF	Deflate	UTF8	Unib
jettison-1.5.4.jar	90 184	90 199	2024-07-16 16:36			-rw-r--r--	-		B316C9F9	Deflate	UTF8	Unib
log4j-1.2-api-2.17.1.jar	208 005	208 040	2024-07-16 16:36			-rw-r--r--	-		822E97AA	Deflate	UTF8	Unib
log4j-api-2.17.1.jar	301 873	301 923	2024-07-16 16:36			-rw-r--r--	-		433DA8C8	Deflate	UTF8	Unib
log4j-core-2.17.1.jar	1 790 452	1 790 727	2024-07-16 16:36			-rw-r--r--	-		01A020E6	Deflate	UTF8	Unib
poi-5.2.0.jar	2 897 386	2 897 831	2024-07-16 16:36			-rw-r--r--	-		5A4598AF	Deflate	UTF8	Unib
poi-ooxml-5.2.0.jar	1 958 735	1 959 035	2024-07-16 16:36			-rw-r--r--	-		301F9A8F	Deflate	UTF8	Unib
poi-ooxml-full-5.2.0.jar	13 059 924	13 061 9...	2024-07-16 16:36			-rw-r--r--	-		44263349	Deflate	UTF8	Unib
quartz-2.4.0-SNAPSHOT.jar	691 184	691 294	2024-07-16 16:36			-rw-r--r--	-		6C459658	Deflate	UTF8	Unib
quartz-jobs-2.4.0-SNAPSHOT.jar	34 006	34 016	2024-07-16 16:36			-rw-r--r--	-		E81A4153	Deflate	UTF8	Unib
stf4j-api-1.7.36.jar	41 128	41 138	2024-07-16 16:36			-rw-r--r--	-		74F81192	Deflate	UTF8	Unib
spring-aop-5.3.37.jar	385 275	385 335	2024-07-23 10:48			-rw-r--r--	-		F3F27C92	Deflate	UTF8	Unib
spring-beans-5.3.37.jar	706 489	706 599	2024-07-23 10:48			-rw-r--r--	-		48225607	Deflate	UTF8	Unib

 **Note:**

ExtAdapter.(JAR or WAR) is generated for ROFC in case of ELCM\_INSTALLED, S(Standalone) and C(Co-deployed) OBCLExtAdapter is embedded with FCJNeoWeb.war, (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.