

# Oracle® Banking Enterprise Limits and Collateral Management License Guide



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# 1

## Preface

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### 1.1 Audience

This guide is intended for the following audience:

- **Customers**
- **Partners**

### 1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <https://www.oracle.com/corporate/accessibility/>.

#### **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.

### 1.3 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](#).

### 1.4 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.

## 1.5 Conventions

The following text conventions are used in this document:

**Table 1-1 Conventions**

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.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## 1.6 Related Resources

For more information on any related features, refer to the following documents

- End user license agreement.
- Oracle Banking Enterprise Limits and Collateral Management User Manuals.

# 2

## Oracle Banking Enterprise Limits and Collateral Management Licensing

- [Introduction](#)
- [General Licensing Rules](#)
- [Separately Licensed Pre-requisite Products and Licensing Metric](#)
- [Restricted Use License](#)

### 2.1 Introduction

This topic provides information on Oracle Banking Enterprise Limits and Collateral Management licensing. It contains the following sections:

- General licensing rules
- Components included in the license
- Separately licensed pre-requisite products and licensing metric
- Restricted use license

### 2.2 General Licensing Rules

Not applicable to Oracle Banking Enterprise Limits and Collateral Management.

### 2.3 Separately Licensed Pre-requisite Products and Licensing Metric

The module wise list of separately licensed products and the licensing metric is given below.

*For other separately licensable software pre-requisites, refer to the section Software Prerequisites.*

**Table 2-1 Separately Licensed Prerequisites**

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle Banking Enterprise Limits Management	Oracle FLEXCUBE Development Workbench	\$ Million in Collaterals or Limits Under Management
Oracle Banking Enterprise Collateral Management	Oracle FLEXCUBE Development Workbench	\$ Million in Collaterals or Limits Under Management
Oracle FLEXCUBE Information Server Data Mart for Enterprise Limits and Collateral Management	Oracle Banking Enterprise Limits and Collateral Management	\$ Million in Collaterals or Limits Under Management

## 2.4 Restricted Use License

Not applicable to Oracle Banking Enterprise Limits and Collateral Management.

# 3

## Software Prerequisites

Following are the separately licensable software prerequisites for Oracle Banking Enterprise Limits and Collateral Management Products.

- [Tech Stack – Oracle](#)
- [Module-wise Software Prerequisites](#)

### 3.1 Tech Stack – Oracle

**Table 3-1 Tech Stack**

Layer / Tier	Operating System	Technology Stack Software	Technology Stack Software Version Number
Application Tier	Oracle Enterprise Linux Server 8.7 (x86 64 Bit)	Oracle WebLogic	14.1.2.0.0
-	-	Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 17.0.12+
-	-	Oracle Coherence	14.1.2.0.0
Database Tier	Oracle Enterprise Linux Server 8.7 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	Oracle Database 19c Enterprise Edition Release 19.26.0.0.0
Messaging	-	Apache Kafka	2.13-3.8.0
UI	-	Oracle JET	17.0.4
End User Machine(s)	-	Apple Safari	Apple Safari(17+)
-	-	Google Chrome	Google Chrome Release (Version 131+)
-	-	Microsoft Edge	Microsoft Edge(131+)
-	-	Mozilla Firefox	Mozilla Firefox Release (132+)

**Table 3-2 UI Stack**

Software Type	Recommended Software	Version
UI	Oracle JET	v17.0.4



**Note:**

- For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at <https://www.oracle.com/middleware/technologies/browser-policy.html>
- Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability and security.

## 3.2 Module-wise Software Prerequisites

**Table 3-3 Module-wise Software Prerequisites**

Product Name	Product Version	Requirements
Java HotSpot(TM) JDK (with WebLogic Application Server)	Oracle JDK 17.0.12+	Optional - Oracle Banking Enterprise Limits and Collateral Management and Oracle Banking Enterprise Limits and Collateral Management Integration Gateway on WebLogic.
Open Symphony Quartz	2.4.0	Standard Requirement
Oracle Toplink	14.1.2.0.0	Optional - Required only if a limit tracking is required.
Oracle RDBMS Enterprise Edition	19.26.0.0.0	Standard Requirement
Oracle WebLogic Server	14.1.2.0.0	Optional- Required if Single Sign On is required. Refer to section 4.1.4 section for dependent software.
Oracle Java Runtime Environment	Oracle JDK 17.0.12+	Optional- Required if Single Sign On is required. Refer to section 4.1.4 for dependent software.

# 4

## Third Party Licenses

This topic provides the information on licensing of third-party software that is packaged with the Oracle Banking Enterprise Limits and Collateral Management product release.

- [Third Party Libraries](#)

### 4.1 Third Party Libraries

This topic provides details of the libraries that use the following third party software.

- Apache 2.0
- MIT License
- Google
- [Apache 2.0](#)  
The following libraries include software developed by The Apache Software Foundation (<http://www.apache.org/>).
- [MIT- License](#)
- [Google](#)
- [Third-Party License Details](#)

#### 4.1.1 Apache 2.0

The following libraries include software developed by The Apache Software Foundation (<http://www.apache.org/>).

**Table 4-1 License Software**

Licensed Software	Version
spring-cloud-starter-zipkin	2.2.8
spring-cloud-netflix-hystrix	2.2.10
flyway-core	8.5.13
jjwt-api	0.11.5
jjwt-impl	0.11.5
jjwt-extensions-jackson	0.11.5
HttpComponents HttpClient	4.5.14
Commons FileUpload	1.5
Jettison	1.5.4
closure-compiler	20231112
json-path	2.9.0
JSON in Java	20240303
jakarta.mail-api	2.1.3
jakarta.mail	2.0.3

**Table 4-1 (Cont.) License Software**

Licensed Software	Version
EclipseLink	2.7.15
swagger-core	1.6.14
GSON	2.11.0
swagger-annotations	1.6.14
coherence-spring-core	3.3.6
jsoup	1.18.1
EclipseLink JPA	2.7.15
Commons Net	3.11.1
POI	5.3.0
Lombok	1.18.34
Commons Codec	1.17.1
jjwt-api	0.12.6
jjwt-impl	0.12.6
jjwt-jackson	0.12.6
slf4j-api	2.0.16
log4j-over-slf4j	2.0.16
jcl-over-slf4j	2.0.16
jul-to-slf4j	2.0.16
PDFBox	3.0.3
AVRO	1.12.0
kafka-clients	3.8.0
poi-ooxml	5.3.0
poi-ooxml-full	5.3.0
modelmapper-core	3.2.1
Commons Lang	3.17.0
Ant	1.10.15
Guava	33.3.1
log4j-1.2-api	2.24.1
Log4j-API	2.24.1
JavaScript Extension Toolkit (JET)	17.0.4
Jackson Databind	2.18.0
Jackson Core	2.18.0
Jackson Annotations	2.18.0
velocity-engine-core	2.4
mapstruct-core	1.6.2
swagger-jaxrs	1.6.14
spring-boot-starter-jersey	2.7.18.1
Spring-Security-Config	5.8.15
spring-cloud-starter-config	3.1.9
HikariCP	6.0.0
Apache FOP	2.10
swagger-models	1.6.14
jackson-dataformat-xml	2.18.0

**Table 4-1 (Cont.) License Software**

Licensed Software	Version
jackson-dataformat-yaml	2.18.0
jackson-jaxrs-json-provider	2.18.0
spring-boot-starter-data-jpa	2.7.18.1
spring-boot-starter-logging	2.7.18.1
spring-boot-starter-hateoas	2.7.18.1
spring-boot-starter-web	2.7.18.1
spring-boot-starter-jdbc	2.7.18.1
spring-boot-starter-aop	2.7.18.1
spring-boot-starter-json	2.7.18.1
spring-boot-starter-batch	2.7.18.1
spring-boot-starter-security	2.7.18.1
spring-boot-starter-validation	2.7.18.1
spring-security-core	5.8.15
Spring-Security-Web	5.8.15
spring-security-ldap	5.8.15
spring-security-saml2-service-provider	5.8.15
spring-cloud-starter-netflix-eureka-client	3.1.8
spring-cloud-config-server	3.1.9
spring-cloud-netflix-eureka-client	3.1.8
spring-cloud-netflix-eureka-server	3.1.8
spring-cloud-starter-bootstrap	3.1.9
spring-cloud-sleuth-zipkin	3.1.11
spring-cloud-starter-sleuth	3.1.10
spring-cloud-starter-gateway	3.1.9
spring-cloud-starter-stream-kafka	3.2.10
Quartz Job Scheduler	2.4.0
spring-jms	5.3.42.1
Helidon	2.6.10
Conductor	3.15.0
spring-security-oauth2-authorization-server	0.4.5
micrometer-registry-prometheus	1.14.1
cglib-nodep	3.3.0-9d67875
spring-cloud-stream-schema-registry-client	4.2.0
spring-security-crypto	5.8.16
micrometer-registry-prometheus-simpleclient	1.14.1
spring-test	5.3.42.1
spring-context	5.3.42.1
spring-tx	5.3.42.1
spring-web	5.3.42.1
netty-transport-native-epoll	4.1.118
netty-codec-http	4.1.118

## 4.1.2 MIT- License

Simple Logging Facade for Java (SLF4J) 2.0.16  
jsoup 1.18.1

## 4.1.3 Google

Closure Compiler 20231112.

## 4.1.4 Third-Party License Details

This topic provides information on licensing of third-party software that is packaged with this product.

For more details on Oracle Banking Enterprise Limits and Collateral Management third-party license details refer to the following link:

[Third-Party Licenses](#)

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