

Licensing Guide  
Oracle Banking Corporate Lending Process Management

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## 1.1 Introduction

This document guides you for understanding the rules of Oracle Banking Corporate Lending Process Management licensing, the components included in the license and the units that are separately licensed.

This document also provides information on the third party software packaged along with Oracle Banking Corporate Lending Process Management.

## 1.2 Audience

This document is intended for the following audience:

- Customers
- Partners

## 1.3 Documentation Accessibility

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

## 1.4 Organization

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	<i>Preface</i> gives information on the intended audience. It also lists the various chapters covered in this license guide.
Chapter 2	<i>Oracle Banking Corporate Lending Process Management Licensing</i> provides information on <i>Oracle Banking Corporate Lending Process Management</i> licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for <i>Oracle Banking Corporate Lending Process Management</i> .
Chapter 4	<i>Third Party Licenses</i> provides information on licensing of third party software packaged along with <i>Oracle Banking Corporate Lending Process Management</i> .

## 1.5 Related Documents

For more information, refer to the following documents:

- Oracle Banking Corporate Lending Process Management Installation Guides
- Oracle Banking Corporate Lending Process Management User Guide

## 2. Oracle Banking Corporate Lending Process Management Licensing

### 2.1 Introduction

This chapter provides information on Oracle Banking Corporate Lending Process Management licensing. It contains the following sections:

- General licensing rules
- Separately licensed pre-requisite products and licensing metric
- Restricted use license

### 2.2 General Licensing Rules

Not applicable to Oracle Banking Corporate Lending Process Management.

#### 2.1 Components Included in License

Not applicable to Oracle Banking Corporate Lending Process Management.

#### 2.2 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 Pre-requisites.*

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle Banking Corporate Lending Process Management	Oracle Database Enterprise Edition, Oracle HTTP Server, Oracle WebLogic Server	\$M in Loan Book Size

### 2.3 Restricted Use License

Not applicable to Oracle Banking Corporate Lending Process Management.

## 3. Software Prerequisites

Following are the separately licensable software prerequisites for Oracle Banking Corporate Lending Process Management Product.

### 3.1 Tech Stack – Oracle

Component	Machine	Operating System	Software	Version Number
Oracle Banking Corporate Lending Process Management	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic	14.1.1.0 Patch 32077936*
			Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 8 Update 321 & JDK 11.0.14
	Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	Oracle Database 19c Enterprise Edition Release 19.14.0.0.0
	Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-2.8.1
			Apache ZooKeeper	3.6.2
	Client Machines **		Microsoft Edge	Microsoft Edge(89+)
			Mozilla Firefox	Mozilla Firefox Release(87+)
			Google Chrome	Google Chrome Release(Version 88+)
			Apple Safari	Apple Safari (14+)

\* Patch 32077936: JSF APPLICATION RESPONSE ISSUE FOR HTTPS PROTOCOL WHEN HTTP2 IS ENABLED, needs to be applied to Weblogic version 14.1.1.0.0.

\*\*Note: Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 7, 8, 10 and Mac OS X

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## 4. Third Party Licenses

### 4.1 Introduction

This chapter provides information on licensing of third party software that are packaged with Oracle Banking Corporate Lending Process Management. It contains the following sections.

- Apache 2.0
- MIT License
- EDL 1.0
- Others

### 4.2 Apache 2.0

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

*For license information, See “Apache License 2.0”*

datefinder	0.7.1
JSON	2E+07
bignumber.js	9.0.2
Lombok	1.18.16
jul-to-slf4j	1.7.30
python-magic	0.4.25
Pillow	9.0.1
shedlock-provider-jdbc-template	4.30.0
shedlock-spring	4.30.0
Apache FOP	2.5
tika-core	1.28.1
six	1.16.0
flyway-core	6.5.5
pdf2image	1.16.0

jackson-dataformat-cbor	2.13.1
jackson-dataformat-xml	2.13.1
jackson-jaxrs-json-provider	2.11.2
GSON	2.9.0
Guava	30
configparser	5.2.0
importlib-metadata	4.11.2
XStream	1.4.18
modelmapper	2.3.8
JsonPath	2.4.0-1ed1ea0
mapstruct	1.4.2.Final
pytesseract	0.3.9
pybase64	1.2.1
Conductor	3.5.2
Numpy	1.22.2
opencv-python	4.3.0.36
spring-cloud-netflix-core	2.2.5.RELEASE
Spring Cloud Sleuth	2.2.5.RELEASE
spring-cloud-config-client	2.2.5.RELEASE
spring-cloud-config-server	2.2.5.RELEASE
spring-cloud-starter-config	2.2.5.RELEASE
spring-cloud-stream	3.0.8.RELEASE
spring-cloud-stream-binder-kafka	3.0.8.RELEASE
spring-security-crypto	5.5.1
spring-security-ldap	5.5.1
spring-security-saml2-service-provider	5.5.1



Spring Boot	2.3.3.RELEASE
spring-security-config	5.5.1
spring-security-core	5.5.1
spring-security-oauth2	2.5.1
spring-security-web	5.5.1
Python	3.9.5
python-dateutil	2.8.2
jcl-over-slf4j	1.7.36
Pandas	1.4.1
Saxon-HE	10.5
jslt	0.1.11
dateparser	1.1.0
swagger-annotations	1.6.2
swagger-parser	2.0.22
swagger-ui	3.39.0
Ant	1.10.12
Avro for Java	1.11.0
Commons CSV	1.9.0
Commons FileUpload	1.4
HttpComponents HttpClient	4.5.13
Kafka	2.8.1
OpenNLP-tools	1.9.3
PDFBox	2.0.24
POI	5.2.0
XMLBeans	5.0.3
ZooKeeper	3.6.2

ant-launcher	1.10.12
camel-core	3.5.0
camel-cxf	3.5.0
camel-resilience4j	3.5.0
cglib	3.3.0
spring-cloud-netflix-eureka-client	2.2.5.RELEASE
spring-cloud-netflix-eureka-server	2.2.5.RELEASE
spring-cloud-starter-netflix-eureka-client	2.2.5.RELEASE
spring-cloud-starter-netflix-eureka-server	2.2.5.RELEASE
spring-cloud-starter-netflix-zuul	2.2.5.RELEASE
velocity-engine-core	2.3
velocity-tools-generic	3.1
netty-codec-http	4.1.72.Final
netty-transport-native-epoll	4.1.72.Final
Flask	2.0.3
micrometer-registry-prometheus	1.6.4
connexion	2.12.0
HikariCP	3.4.5
math.js	5.9.0
jjwt	0.11.2
jsoup	1.14.3
scikit-learn	1.0.2
tess4j	4.5.4
Lucene	8.5.0
OpenCSV	5.1
Commons Lang	3.9

### 4.3 **MIT License**

The below library include software developed by jsoup.org

- jQuery 3.5.1
- lodash 4.17.21
- Node-TimSort 0.3.0
- Moment.js 2.29.2
- Simple Logging Facade for Java (SLF4J) 1.7.36
- Knockout.js 3.5.0
- Pyap 0.3.1

### 4.4 **EDL 1.0**

- EclipseLink 2.7.7
- EclipseLink JPA 2.7.5
- Jakarta Mail 2.0.1

### 4.5 **Others**

- JavaScript Extension Toolkit (JET)9.1.0 (Oracle)
- JSZip 3.2.1 (Multiple Licenses)
- python-magic (Python Software Foundation) 0.4.25
- Tesseract 4.1.1 (Google)
- liblinear-java 2.30

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Version 2.0, January 2004

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servlet-api

SLF4J API Module under MIT License  
Top Level Component : closure-compiler

Top Level Component License : Apache 2.0

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Version 2.0, January 2004

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OSXAdapter

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)), and has

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been in development since 2007.

It is currently developed by a community of developers.

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- validation-api (<https://github.com/eclipse-ee4j/beanvalidation-api>)  
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- slf4j-api and slf4j-reload4j (<https://github.com/qos-ch/slf4j>) 20

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## # Jackson JSON processor

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and ha

s

been in development since 2007.

It is currently developed by a community of developers.

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Morphological Analyzer - Apache Lucene Integration

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VERSION: 2.1 PoliMorf

BUILD: 2016-02-13 19:37:50+01:00

GIT: 6e63b53

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#### **liblinear-java**

3rd Party Component: liblinear-java 2.30

3rd Party Component provider: The LIBLINEAR Project

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## **jsoup**

3rd Party Component: jsoup 1.13.1

3rd Party Component provider: jsoup.org

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