

Licensing Guide  
Oracle Banking Liquidity Management  
Release 14.3.0.0.0  
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Licensing Guide  
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Version 14.3.0.0.0

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# 1. Preface

## 1.1 Introduction

This document helps you understand the guiding rules for Oracle Banking Liquidity 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 Liquidity 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 Liquidity Management Licensing</i> provides information on <i>Oracle Banking Liquidity Management</i> licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for <i>Oracle Banking Liquidity Management</i> .
Chapter 4	<i>Third Party Licenses</i> provides information on licensing of third party software packaged along with <i>Oracle Banking Liquidity Management</i> .

## 1.5 **Related Documents**

For more information, refer to the following documents:

- End user license agreement
- Oracle Banking Liquidity Management User Manuals

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## 2. Oracle Banking Liquidity Management Licensing

### 2.1 Introduction

This chapter provides information on Oracle Banking Liquidity 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 Liquidity Management.

### 2.3 Components Included in License

Not applicable to Oracle Banking Liquidity Management.

### 2.4 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 Liquidity Management	Oracle Database Enterprise Edition, WebLogic Server Standard Edition and Business Intelligence Publisher or Business Intelligence Publisher for Oracle Applications	Liquidity Account

### 2.5 Restricted Use License

Not applicable to Oracle Banking Liquidity Management.

## 3. Software Prerequisites

### 3.1 Tech Stack

Following are the separately licensable software prerequisites for Oracle Banking Liquidity Management Product.

Component	Deployment option	Machine	Operating System	Software	Version
Oracle Banking Liquidity Management	Single Instance Standalone	Application Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0
				Java HotSpot (TM) JDK (with WebLogic Application Server)	JDK 8 Update 202
		Database Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle Database 18c Enterprise Edition Release (64 Bit Production)	18.3.0.0.0
		Reporting Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.3.0
				JDK	JDK 8 Update 202
				Oracle Business Intelligence (Oracle BI Publisher)	12.2.1.4.0
				Repository Creation Utility	12.2.1.3.0
				Oracle Database (for RCU)	12.2.0.1.0
		Single Sign on Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	JDK	JDK 8 Update 202
				Oracle Fusion Middleware 12c Infrastructure	12.2.1.3.0
				Oracle Access Manager	12.2.1.3.0
				Oracle Identity Manager	12.2.1.3.0
				Oracle Unified Directory	12.2.1.3.0
		Client Machine	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, Windows 8, Windows 10 and Mac OS.	Oracle HTTP Server	12.2.1.3.0
				Oracle Database (for RCU)	18.3.0.0.0
				Internet Explorer	Microsoft Internet Explorer Release (11.*)
				Mozilla Firefox	Mozilla Firefox Release (52.*)
Google Chrome	Google Chrome Release (65.*)				
		Microsoft Edge	Microsoft Edge Release (40.*)		
		Safari	Safari Release (10.*)		

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 upgraded and packaged with Oracle Banking Liquidity Management release. It contains the following sections:

#### Apache 2.0

- Apache POI 4.0.1
- Cglib 3.2.6
- Velocity Engine 2.1
- Chef Client 14.8.12
- Jackson-annotations 2.9.8
- Jackson-core 2.9.8
- Jackson-databind 2.9.8
- Jackson-dataformat-cbor 2.9.8
- Jackson-dataformat-xml 2.9.8
- Jackson-datatype-jdk 2.9.8
- Jackson-jaxrs-base 2.9.8
- Jackson-jaxrs-json-provider 2.9.8
- Jackson-module-afterburner 2.9.8
- Jackson-module-jaxb-annotations 2.9.8
- GSON 2.8.5
- Ribbon 2.3.0
- Spring Boot 1.5.19
- Spring Cloud Config 1.4.4
- Spring Cloud Netflix 1.4.5
- Spring Cloud Sleuth 1.3.4
- Spring Cloud Task Core 1.2.3
- Spring LDAP 2.3.2
- Spring Security 4.2.11
- Swagger-annotations 1.5.18
- Jjwt 0.9.1

#### EPL 1.0

- EclipseLink 2.7.4

#### LGPL 2.1

- Logback 1.2.3

#### MIT

- Node-Timsort 0.3.0
- Moment.js 2.22.2
- JSZip 3.1.5
- JSON 20180813
- Lodash 3.10.1-1

#### The Universal Permissive License (UPL), Version 1.0

- JavaScript Extension Toolkit(JET) 5.2.0

### 4.1.1 Apache POI 4.0.1

Apache POI

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[1] <http://www.ecma-international.org/publications/standards/Ecma-376.htm>

[2] <http://www.ecma-international.org/memento/Ecmabylaws.htm>

[3] <http://www.microsoft.com/openspecifications/en/us/programs/osp/default.aspx>

[4] <http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/Patent%20statements%20ok/ECMA-376%20Edition%202%20Microsoft%20Patent%20Declaration.pdf>

[5] <http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/Patent%20statements%20ok/ECMA-376%20Adobe%20Patent%20Declaration.pdf>

Bouncy Castle library (bcprov-\*.jar, bcpqg-\*.jar, bcpkix-\*.jar)

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CurvesAPI / Curve API

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4th party Dependencies:

-----

Based on the pom file (<http://central.maven.org/maven2/org/apache/poi/poi/4.0.1/poi-4.0.1.pom>),

poi v4.0.1 has 3 runtime dependencies and an additional 2 optional runtime dependencies :

=====

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## 4.1.2 Cglib 3.2.6

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asm

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<https://gitlab.ow2.org/asm/asm/blob/master/LICENSE.txt>

ASM: a very small and fast Java bytecode manipulation framework  
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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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-----jackson-core 2.9.8 -----

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#### **4.1.9 Jackson-dataformat-cbor 2.9.8**

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jackson-dataformat-xml has these fourth-party dependencies that are also licensed under the Apache 2.0 license:

- \* jackson-core 2.9.7
- \* jackson-annotations 2.9.0 (upgraded to 2.9.7)
- \* jackson-databind 2.9.7
- \* jackson-module-jaxb-annotations 2.9.7
- \* com.fasterxml.woodstox/woodstox-core 5.0.3

=====

woodstox-core depends on org.codehaus.woodstox/stax2-api 3.1.4, which is licensed under the BSD 2-clause license.

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=====

org.codehaus.woodstox/stax2-api has no fourth-party dependencies.

#### **4.1.11 Jackson-datatype-jdk 2.9.8**

jackson-datatype-jdk8 2.9.8

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#### 4.1.12 Jackson-jaxrs-base 2.9.8

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4P Dependencies:

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jackson-annotations 2.9.8 (upgraded from 2.9.0)

jackson-databind 2.9.8

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Modules:

base

datatypes

cbor

json

smile

xml

yaml

=====

4P Dependencies

com.fasterxml.jackson.jaxrs » jackson-jaxrs-base 2.9.8

com.fasterxml.jackson.module » jackson-module-jaxb-annotations 2.9.8

com.fasterxml.jackson.core » jackson-core 2.9.8

com.fasterxml.jackson.core » jackson-databind 2.9.8

com.fasterxml.jackson.core » jackson-annotations 2.9.8 (upgrade from 2.9.0)

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has  
been in development since 2007.  
It is currently developed by a community of developers, as well as supported  
commercially by FasterXML.com.

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### 4.1.15 Jackson-module-jaxb-annotations 2.9.8

jackson-module-jaxb-annotations 2.9.8

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#### 4.1.20 JavaScript Extension Toolkit 5.2.0

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(path in the installation) (see license text reproduced below)

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js/libs/knockout/knockout-3.4.0.js MIT 3.4.0

js/libs/knockout/knockout-mapping-latest.js MIT 2.4.1

js/libs/require/require.js MIT 2.3.2

js/libs/require/text.js MIT 2.0.15  
js/libs/js-signals/signals.js MIT 1.0.0  
js/libs/jquery/jquery-3.1.1.js MIT 3.1.1  
js/libs/jquery/jquery-ui-1.12.0.custom.js MIT 1.12.0  
js/libs/jquery/jqueryui-amd-1.12.0/core.js MIT 1.12.0  
js/libs/jquery/jqueryui-amd-1.12.0/draggable.js MIT 1.12.0  
js/libs/jquery/jqueryui-amd-1.12.0/mouse.js MIT 1.12.0  
js/libs/jquery/jqueryui-amd-1.12.0/position.js MIT 1.12.0  
js/libs/jquery/jqueryui-amd-1.12.0/sortable.js MIT 1.12.0  
js/libs/jquery/jqueryui-amd-1.12.0/widget.js MIT 1.12.0  
js/libs/history/history.iegte8.js MIT 4.1.0  
js/libs/es6-promise/es6-promise.js MIT 4.0.5  
js/libs/crossroads/crossroads.js MIT 0.12.0  
js/libs/oj/v3.1.0/min/ojselectcombobox.js (Select2.js) Apache 2. 1.0  
js/libs/oj/v3.1.0/min/ojtree.js (jsTree.js) MIT 1.0  
js/libs/oj/v3.1.0/ojL10n.js (requireJS i18n) MIT 2.0.2  
js/libs/hammer/hammer-2.0.8.js MIT 2.0.8  
js/libs/require-css/css.js (require-css) MIT 0.1.8  
js/libs/proj4js/dist/proj4.js Proj4js 2.3.14  
scss/oj/v3.1.0/3rdparty/normalize/normalize.scss MIT 1.0  
=== Knockout.js 3.4.0 ===

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=== Knockout Mapping plugin v2.4.1 ===

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<http://knockoutjs.com/documentation/plugins-mapping.html>

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=== knockout-amd-helpers 0.7.3 ===

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=== Normalize.css ===

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=== RequireJS i18n 2.0.2 ===

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=== jsTree 1.0-rc3 ===

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=== Select2.js ===

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=== jQuery UI - v1.11.4 ===

Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js

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== RequireJS 2.1.16 ==

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/\*! Hammer.JS - v2.0.4 - 2014-09-28

\* <http://hammerjs.github.io/>

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TOP LEVEL COMPONENT: spring-boot-1.5.19.RELEASE.jar

TOP LEVEL SUBCOMPONENTS

spring-boot-starter-jersey-1.5.19.RELEASE.jar

spring-boot-starter-web-1.5.19.RELEASE.jar

spring-boot-starter-actuator-1.5.19.RELEASE.jar

spring-boot-actuator-1.5.19.RELEASE.jar

spring-boot-starter-data-jpa-1.5.19.RELEASE.jar

spring-boot-starter-aop-1.5.19.RELEASE.jar

spring-boot-starter-data-jpa-1.5.19.RELEASE.jar

spring-boot-starter-jdbc-1.5.19.RELEASE.jar

spring-boot-starter-validation-1.5.19.RELEASE.jar

spring-boot-starter-1.5.19.RELEASE.jar

spring-boot-starter-logging-1.5.19.RELEASE.jar

spring-boot-starter-tomcat-1.5.19.RELEASE.jar

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spring-boot-starter-security-1.5.19.RELEASE.jar

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/\*\*

\* Core Spring Boot classes.

\*

\* @see org.springframework.boot.SpringApplication

\*/

```
package org.springframework.boot;
```

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#### 4.1.23 Spring Cloud Netflix 1.4.5

spring-cloud-netflix-core

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#### 4.1.24 Spring Cloud Sleuth 1.3.4

Spring Cloud Sleuth 1.3.4

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TOP-LEVEL Component: Spring LDAP

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4th Party Component #1 aopalliance

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#### 4.1.28 Logback 1.2.3

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#### 4.1.29 **Swagger-annotations 1.5.18**

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#### 4.1.32 Jwt 0.9.1

TOP Level Component : jjwt-0.9.1.jar

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