

# Oracle<sup>®</sup> Retail

## Licensing Information User Manual



Release 23.x  
F76594-05  
October 2023

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE<sup>®</sup>

Oracle Retail Licensing Information User Manual, Release 23.x

F76594-05

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# Contents

<b>1</b>	<b>Introduction</b>	
	For Cloud Only Products	1-1
<b>2</b>	<b>Store Operations Licensing Information</b>	
	Legal Licensing Information	2-1
	Open Source or Other Separately Licensed Software	2-2
<b>3</b>	<b>Supply Chain Licensing Information</b>	
	Legal Licensing Information	3-1
	Open Source Software or Other Separately Licensed Software	3-2
<b>4</b>	<b>Omnichannel Commerce Licensing Information</b>	
	Legal Licensing Information	4-1
	Open Source Software or Other Separately Licensed Software	4-4
<b>5</b>	<b>Appendix A</b>	
	Licenses: A-EI	5-1
	Licenses: EPL — GNU	5-146
	Licenses: Gr — Lo	5-243
	Licenses: M — Z	5-552

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# Preface

The *Oracle Retail Licensing Information User Manual* provides licensing information for all third-party open-source applications

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- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

## Oracle Help Center ([docs.oracle.com](https://docs.oracle.com))

Oracle Retail Product documentation is available on the following website <https://docs.oracle.com/en/industries/retail/html>

## Comments and Suggestions

Please give us feedback about Oracle Retail Help and Guides. You can send an e-mail to: [retail-doc\\_us@oracle.com](mailto:retail-doc_us@oracle.com)

## Oracle Retail Cloud Services and Business Agility

Oracle Retail (Product Name) Cloud Service is hosted in the Oracle Cloud with the security features inherent to Oracle technology and a robust data center classification, providing significant uptime. The Oracle Cloud team is responsible for installing, monitoring, patching, and upgrading retail software.

Included in the service is continuous technical support, access to software feature enhancements, hardware upgrades, and disaster recovery. The Cloud Service model helps to free customer IT resources from the need to perform these tasks, giving retailers greater business agility to respond to changing technologies and to perform more value-added tasks focused on business processes and innovation.

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Oracle Retail Software Cloud Service is acquired exclusively through a subscription service (SaaS) model. This shifts funding from a capital investment in software to an operational expense. Subscription-based pricing for retail applications offers flexibility and cost effectiveness.

# 1

## Introduction

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# 2

## Store Operations Licensing Information

This chapter provides the following licensing information for Store Operations.

- Description of products.
- Prerequisite products.
- Entitled products and restricted use licenses.

Prerequisite products, entitled products, and restricted use licenses do not apply to Oracle Retail Cloud products.

### Legal Licensing Information

The following table lists the legal licensing information for Store Operations.

<b>Retail Solution Unit</b>	<b>Product</b>	<b>Licensing Information</b>
Store Operations	EFTLink	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail EFTLink provides the payment foundation for Xstore Point of Service and is a middleware product that enables Oracle to remove Xstore Point of Service from the costly and frequently changing Payment Application Data Security Standard (PA-DSS).</p> <p>As retailers continue to investigate the most cost effective ways in which they can become compliant with PCI standards, EFTLink provides a tested and mature approach that is already deployed in over ten countries. The solution has been adopted as the strategic approach for Xstore Point of Service and enables the rapid support of payment solutions in new markets by working with payment providers who are local and/or offer an extensive international network.</p> <p>EFTLink uses an industry-standard interface to the point of service and then translates the messages to the relevant format provided by the payment provider, enabling the POS to be outside of the payment scope.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>

<b>Retail Solution Unit</b>	<b>Product</b>	<b>Licensing Information</b>
Store Operations	Xstore Office and Xstore Office Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Xstore Office is a central web-based management console that provides for the effortless management of the data and configurations that empower your associates. The user interface within Oracle Retail Xstore Office provides streamlined functionality that guides users through configuration changes, data changes, and deployments. Granular security access can create a custom experience for users of all access levels. Multiple support tools and alerts enable IT leaders to take a proactive approach to managing multiple installations.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>
Store Operations	Xstore Point of Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Xstore Point of Service is a point-of-sale application that provides the capabilities to carry out day-to-day transactions and conduct daily store activities. Tasks such as scanning items, applying price adjustments, tendering, and printing receipts as well as processing returns and web orders can be performed. Store operations including opening the store, managing registers and tills, and closing the store can be handled through Oracle Retail Xstore Point of Service. As part of Oracle Retail Xstore Point of Service, these release notes include information about Xstore Point of Service Mobile and Xenvironment.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>
Store Operations	Enterprise Inventory Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Enterprise Inventory Cloud Service (EICS) serves as the services engine to streamline and integrate back-end processes.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>
Store Operations	Store Operations Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Store Operations Cloud Service (SOCS) delivers a modern intuitive user interface to help drive associate efficiencies and workflows.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>

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may be found in the included documentation or README files of the individual third party open source software.

<b>Retail Product</b>	<b>Component</b>	<b>Licensing Information</b>
EFTLink	Ant 1.10.13	<a href="#">Ant</a>
	Ant Installer beta 0.8-1	<a href="#">Ant Installer</a>
	Eclipse Parsson 1.1.1	<a href="#">Eclipse Parsson</a>
	GSON 2.10.1	<a href="#">Apache 2.0</a>
	Jakarta Servlet 4.0.4	<a href="#">Jakarta Servlet</a>
	Jakarta SOAP Implementation (SAAJ) 3.0.0	<a href="#">Jakarta SOAP Implementation (SAAJ)</a>
	Jakarta XML Binding API (JAXB) 4.0.0	<a href="#">JAXB</a>
	Jetty 9.4.51.v20230217	<a href="#">Jetty</a>
	Log4j-API 2.20.0	<a href="#">Log4j-API</a>
	log4j-core 2.20.0	<a href="#">log4j-core</a>
Xstore Office Cloud Service	Commons Configuration 2.9.0	<a href="#">Commons Configuration</a>
	Commons FileUpload 1.5	<a href="#">Commons FileUpload</a>
	Log4J App Server 2.20.0	<a href="#">Log4J App Server</a>
	log4j-1.2-api 2.20.0	<a href="#">log4j-1.2-api</a>
	Log4j-API 2.20.0	<a href="#">Log4j-API</a>
	log4j-core 2.20.0	<a href="#">log4j-core</a>
	log4j-jcl 2.20.0	<a href="#">log4j-jcl</a>
	log4j-jul 2.20.0	<a href="#">log4j-jul</a>
	log4j-slf4j-impl 2.20.0	<a href="#">log4j-slf4j-impl</a>
	Spring Framework 5.3.27	<a href="#">Spring Framework</a>
ZXing 3.5.1	<a href="#">ZXing</a>	
Xstore Office	Ant 1.10.13	<a href="#">Ant</a>
	ASM 9.5	<a href="#">ASM</a>
	Commons Configuration 2.9.0	<a href="#">Commons Configuration</a>
	Commons CSV 1.10.0	<a href="#">Commons CSV</a>
	Commons FileUpload 1.5	<a href="#">Commons FileUpload</a>
	dom4j 2.1.4	<a href="#">dom4j</a>
	GSON 2.10.1	<a href="#">Apache 2.0</a>
	Hibernate Validator 6.2.5.Final	<a href="#">Hibernate Validator</a>
	hibernate-core 5.6.15.Final	<a href="#">hibernate-core</a>
	ICU4J 73.1	<a href="#">ICU4J</a>
jackson-databind 2.15.1	<a href="#">Jackson-Databind</a>	

Retail Product	Component	Licensing Information
Xstore Point of Service	Jetty 9.4.51.v20230217	<a href="#">Jetty</a>
	JNA 5.13.0	<a href="#">JNA</a>
	JsonPath 2.8.0	<a href="#">JsonPath</a>
	Log4J App Server 2.20.0	<a href="#">Log4J App Server</a>
	log4j-1.2-api 2.20.0	<a href="#">log4j-1.2-api</a>
	Log4j-API 2.20.0	<a href="#">Log4j-API</a>
	log4j-core 2.20.0	<a href="#">log4j-core</a>
	log4j-jcl 2.20.0	<a href="#">log4j-jcl</a>
	log4j-jul 2.20.0	<a href="#">log4j-jul</a>
	log4j-slf4j-impl 2.20.0	<a href="#">log4j-slf4j-impl</a>
	PDFBox 2.0.28	<a href="#">PDFBox</a>
	SnakeYAML 2	<a href="#">SnakeYAML</a>
	Spring Framework 5.3.27	<a href="#">Spring Framework</a>
	Tomcat 9.0.75	<a href="#">Tomcat</a>
	XStream 1.4.20	<a href="#">XStream</a>
	ZXing 3.5.1	<a href="#">ZXing</a>
	Ant 1.10.13	<a href="#">Ant</a>
	ASM 9.5	<a href="#">ASM</a>
	Commons Configuration 2.9.0	<a href="#">Commons Configuration</a>
	Commons CSV 1.10.0	<a href="#">Commons CSV</a>
	Commons FileUpload 1.5	<a href="#">Commons FileUpload</a>
	dom4j 2.1.4	<a href="#">dom4j</a>
	GSON 2.10.1	<a href="#">Apache 2.0</a>
	Hibernate Validator 6.2.5.Final	<a href="#">Hibernate Validator</a>
	hibernate-core 5.6.15.Final	<a href="#">hibernate-core</a>
	ICU4J 73.1	<a href="#">ICU4J</a>
	jackson-databind 2.15.1	<a href="#">Jackson-Databind</a>
	Jetty 9.4.51.v20230217	<a href="#">Jetty</a>
	JNA 5.13.0	<a href="#">JNA</a>
	JsonPath 2.8.0	<a href="#">JsonPath</a>
	Log4J App Server 2.20.0	<a href="#">Log4J App Server</a>
	log4j-1.2-api 2.20.0	<a href="#">log4j-1.2-api</a>
Log4j-API 2.20.0	<a href="#">Log4j-API</a>	
log4j-core 2.20.0	<a href="#">log4j-core</a>	
log4j-jcl 2.20.0	<a href="#">log4j-jcl</a>	

<b>Retail Product</b>	<b>Component</b>	<b>Licensing Information</b>
	log4j-jul 2.20.0	<a href="#">log4j-jul</a>
	log4j-slf4j-impl 2.20.0	<a href="#">log4j-slf4j-impl</a>
	PDFBox 2.0.28	<a href="#">PDFBox</a>
	SnakeYAML 2	<a href="#">SnakeYAML</a>
	Spring Framework 5.3.27	<a href="#">Spring Framework</a>
	Tomcat 9.0.75	<a href="#">Tomcat</a>
	XStream 1.4.20	<a href="#">XStream</a>
	ZXing 3.5.1	<a href="#">ZXing</a>
Enterprise Inventory Cloud Service	JavaScript Extension Toolkit (JET) 14.1.0	<a href="#">JET</a>
	jcl-over-slf4j 2.0.7	<a href="#">jcl-over-slf4j</a>
	Logback-classic 1.3.6	<a href="#">Logback-classic</a>
	POI-ooxml 5.2.3	<a href="#">POI-OOXML</a>
Store Operations Cloud Service	Cordova Android 12.0.0	<a href="#">Cordova Android</a>
	Cordova Device Plugin 2.1.0	<a href="#">Cordova Device Plugin</a>
	Cordova Plugin File 7.0.0	<a href="#">Cordova Plugin File</a>
	Cordova Plugin for Barcode Scanner 8.1.0	<a href="#">Cordova Plugin for Barcode Scanner</a>
	JavaScript Extension Toolkit (JET) 14.1.0	<a href="#">JET</a>

# 3

## Supply Chain Licensing Information

This chapter provides the following licensing information for Supply Chain.

- Description of products.
- Prerequisite products.
- Entitled products and restricted use licenses.

Prerequisite products, entitled products, and restricted use licenses do not apply to Oracle Retail Cloud products.

### Legal Licensing Information

The following table lists the legal licensing information for Store Operations.

<b>Retail Solution Unit</b>	<b>Product</b>	<b>Licensing Information</b>
Supply Chain	Brand Compliance Management Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Brand Compliance Management Cloud Service is an application designed to meet all aspects of sourcing, developing, and protecting retailer brands. The application provides solutions for product development, compliance, quality, and traceability. It is designed specifically for retail, food service, and manufacturing businesses to develop and protect their brands, manage their suppliers, and ensure full end-to-end product lifecycle management.</p> <p>Oracle Retail Brand Compliance Management Cloud Service is composed of the following modules:</p> <ul style="list-style-type: none"><li>• Library enables the issue, receipt, and acceptance of policies, guidelines, and key working documents. Project supports the development of project briefs, plans, and workflow management.</li><li>• Product supports the development of products and production specifications.</li><li>• Supplier enables the identification, selection, and approval of suppliers.</li></ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>

Retail Solution Unit	Product	Licensing Information
Supply Chain	Supplier Evaluation Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Supplier Evaluation Cloud Service is a collaborative cloud service for the on-boarding and evaluation of Merchandising suppliers, enabling the assessment and governance of ethical, environmental, safety, and quality performance. It manages the selection of suppliers against Environmental, Social, and Governance (ESG), brand standards, and governance policies, incorporating supplier self-certification survey and assessment, audit and action management, vendor performance, and incident alert notifications.</p> <p>Oracle Retail Supplier Evaluation Cloud Service is composed of the following modules:</p> <ul style="list-style-type: none"> <li>• Library enables the issue, receipt, and acceptance of policies, guidelines, and key working documents.</li> <li>• Process supports the development of process briefs, plans, and workflow management.</li> <li>• Supplier enables the identification, selection, and approval of suppliers.</li> <li>• Reports provides a reporting tool for reporting across the system, using standard templates and custom reports.</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>

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Retail Product	Component	Licensing Information
Brand Compliance Management Cloud Service	Echo3 3.1.0	<a href="#">Mozilla Public License Version 1.1</a>
	echo3extras 3.1.0	<a href="#">Mozilla Public License Version 1.1</a>
	FamFamFam Silk Icons 1.3	<a href="#">FAMFAMFAM Silk Icons</a>
	JavaScript Extension Toolkit (JET) 14.1.0	<a href="#">JET</a>
	Tango Icon Theme 0.8.90	Public Domain
Supplier Evaluation Cloud Service	Echo3 3.1.0	<a href="#">Mozilla Public License Version 1.1</a>

<b>Retail Product</b>	<b>Component</b>	<b>Licensing Information</b>
	echo3extras 3.1.0	<a href="#">Mozilla Public License Version 1.1</a>
	FamFamFam Silk Icons 1.3	<a href="#">FAMFAMFAM Silk Icons</a>
	JavaScript Extension Toolkit (JET) 14.1.0	<a href="#">JET</a>
	Tango Icon Theme 0.8.90	Public Domain

# 4

## Omnichannel Commerce Licensing Information

This chapter provides the following licensing information for Store Operations.

- Description of products.
- Prerequisite products.
- Entitled products and restricted use licenses.

Prerequisite products, entitled products, and restricted use licenses do not apply to Oracle Retail Cloud products.

### Legal Licensing Information

The following table lists the legal licensing information for Omnichannel Commerce.

Retail Solution Unit	Product	Licensing Information
Omnichannel Commerce	Customer Engagement Cloud Service	<p data-bbox="748 302 1243 329"><b>Product Editions and Permitted Features</b></p> <p data-bbox="748 338 1385 478">Oracle Retail Customer Engagement Cloud Services (ORCE) is a comprehensive, web-based, customer relationship management application designed for today's fast-paced retail environment, and consists of the following services:</p> <ul data-bbox="748 487 1385 1388" style="list-style-type: none"> <li data-bbox="748 487 1385 688">• Customer Management and Segmentation Foundation Cloud Service: A required module that maintains and serves all customer-related information. In addition to managing core customer data, the service includes support for strategies that are based on in-store clienteling and gift registry.</li> <li data-bbox="748 697 1385 951">• Campaign and Deal Management Cloud Service: Delivers promotional offers to transaction systems, drives execution, and performs analysis. It has a more operational focus and is considered complementary to solutions like Responsys or Eloqua, which are dedicated to orchestrating marketing communication campaigns. The service supports offer management, couponing, list targeting, and performance analysis.</li> <li data-bbox="748 959 1385 1241">• Loyalty and Awards Cloud Service: A leading points-based loyalty platform. It can be quickly configured to support program concepts from simple punch-card frequency programs to highly sophisticated programs involving a variety of earning opportunities, as well as recognition levels like gold, silver, and bronze. In addition to the management of points, the platform manages awards in the form of stored value or discounts on merchandise.</li> <li data-bbox="748 1249 1385 1388">• Gift Cards Cloud Service: A highly evolved stored value solution. It features a sophisticated back-office user experience and supports global operations with cross-currency management and cross-channel delivery and fulfillment.</li> </ul> <p data-bbox="748 1396 1304 1423"><b>Entitled Products and Restricted Use Licenses</b></p> <p data-bbox="748 1432 789 1459">NA</p>

Retail Solution Unit	Product	Licensing Information
	Order Administration Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Order Administration Cloud Service offers a fully integrated suite of modules for managing all aspects of direct commerce transactions including order management, fulfillment, and customer service. The key benefits are:</p> <ul style="list-style-type: none"> <li>• You can fulfill and service orders from multiple channels.</li> <li>• Workflow options can be used to streamline order handling and provide maximum productivity.</li> <li>• Both online and batch authorization is supported.</li> <li>• You can manage promotions for effectiveness.</li> <li>• Return and exchange processing supports return in store.</li> <li>• Customer appeasement capabilities are provided before and after shipment.</li> </ul>
	Order Broker Cloud Service	<p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p> <p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Order Broker Cloud Service includes the following modules:</p> <ul style="list-style-type: none"> <li>• Routing Engine: Distributed order broker that determines inventory availability across the enterprise, and uses advanced business rules to select locations that can fulfill orders.</li> <li>• Supplier Direct Fulfillment: Web-based vendor portal enabling vendors to share purchase orders and shipping information to simplify drop shipment</li> <li>• Store Connect: Web portal that enables store associates to process and fulfill omnichannel orders.</li> </ul>
	Order Orchestration Cloud Service	<p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p> <p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Order Orchestration Cloud Service includes the following modules:</p> <ul style="list-style-type: none"> <li>• Routing Engine: Distributed order broker that determines inventory availability across the enterprise, and uses advanced business rules to select locations that can fulfill orders.</li> <li>• Supplier Direct Fulfillment: Web-based vendor portal enabling vendors to share purchase orders and shipping information to simplify drop shipment</li> <li>• Store Connect: Web portal that enables store associates to process and fulfill omnichannel orders.</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>

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Retail Product	Component	Licensing Information
Customer Engagement Cloud Service	Beanshell 2.0b6	<a href="#">Apache 2.0</a>
	Commons Beanutils 1.9.4	<a href="#">Commons Beanutils</a>
	Commons Collections 4.4	<a href="#">Commons Collections</a>
	Guava 32.1.1	<a href="#">Guava</a>
	jackson-databind 2.15.2	<a href="#">jackson-databind</a>
	jackson-jaxrs-json-provider 2.15.0	<a href="#">Apache 2.0</a>
	Jakarta Restful Web Services JAX-RS API 3.1.0	<a href="#">Jakarta Restful Web Services JAX-RS API</a>
	slf4j-jdk14 2.0.7	<a href="#">slf4j-jdk14</a>
Order Administration Cloud Service	Commons Beansutils 1.9.4	<a href="#">Apache 2.0</a>
	Commons FileUpload 1.5	<a href="#">Apache 2.0</a>
	Commons Lang 3.13.0	<a href="#">Apache 2.0</a>
	Commons Text 1.10.0	<a href="#">Apache 2.0</a>
	FOP 2.8	<a href="#">FOP</a>
	FreeMarker 2.3.32	<a href="#">Apache 2.0</a>
	Google Web Toolkit SDK 2.10.0	<a href="#">Apache 2.0</a>
	GSON 2.9.0	<a href="#">Apache 2.0</a>
	Hibernate-core 5.6.7.Final	<a href="#">Hibernate Core</a>
	HttpComponents HttpClient 4.5.13	<a href="#">HttpComponents HttpClient</a>
	Jackson-databind 2.15.2	<a href="#">Jackson Databind</a>
	Jackson-jaxrs-json-provider 2.15.2	<a href="#">Jackson-jaxrs-json-provider</a>
	Jakarta XML Binding RI (JAXB) 2.3.8	<a href="#">Jakarta XML Binding RI (JAXB)</a>
	JavaScript Extension Toolkit (JET) 14.0.4	<a href="#">JET</a>
	Log4j App Server 2.20.0	<a href="#">Log4j App Server</a>
	Log4j-api 2.20.0	<a href="#">Log4J-API</a>
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	SLF4J-jdk14 1.7.36	<a href="#">SLF4J-jdk14</a>
	Swagger-annotations 2.1.9	<a href="#">Apache 2.0</a>
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	Hibernate ORM 5.4.33.Final, 5.6.15.Final	<a href="#">Hibernate ORM</a> for 5.4.33.Final <a href="#">Hibernate ORM</a> for 5.6.15.Final
	Hibernate Validator 6.2.5.Final	<a href="#">Apache 2.0</a>
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Jackson-jaxrs-json-provider 2.14.2	<a href="#">Jackson-jaxrs-json-provider</a>	
JavaScript Extension Toolkit (JET) 13.0.0	<a href="#">JET</a>	
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ASM: a very small and fast Java bytecode manipulation framework

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#### Cache API

JSR-000107 JCACHE 2.9 Public Review - Updated Specification

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Specification: JSR-000107 Java(tm) Temporary Caching API Specification ("Specification")

Version: 2.9

Status: Public Review

Release: 8 August 2013

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Caching Runtime Support

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TERRACOTTA PUBLIC LICENSE (VERSION 1.0)

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balanced-match

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big-integer

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bplist-parser

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brace-expansion

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cross-spawn

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fs.realpath

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npm-run-path

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strip-bom

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strip-final-newline

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Version 2.1, February 1999

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Version 3, 29 June 2007

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Hazelcast

Hazelcast

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4P Dependencies:

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Note: Hazelcast contains no 4P dependencies, but code from the following projects was used in the component. License and copyright information is included for these:

The packages:

com.hazelcast.util.collection

com.hazelcast.internal.util.concurrent

and the classes:

com.hazelcast.util.QuickMath

com.hazelcast.client.impl.protocol.util.UnsafeBuffer

com.hazelcast.client.impl.protocol.util.BufferBuilder

code originating from the Agrona project

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The class com.hazelcast.util.HashUtil contains code originating from the Koloboke project (<https://github.com/OpenHFT/Koloboke>).

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com.hazelcast.internal.cluster.fd.PhiAccrualFailureDetector contains code originating from the Akka project (<https://github.com/akka/akka/>).

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

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The primary ANTLR guy:

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\* @author <a href="mailto:ron.sigal@jboss.com">Ron Sigal</a>

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<version>2.3.3</version>

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*/
```

```
-----  
Fourth Party Dependencies  
-----
```

Jakarta Activation API (JAF) (jakarta.activation:jakarta.activation-api)

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\* <https://github.com/eclipse-ee4j/metro-ws-test-harness>

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- \* <https://github.com/eclipse-ee4j/metro-jax-ws>
- \* <https://github.com/eclipse-ee4j/metro-saaj>
- \* <https://github.com/eclipse-ee4j/metro-jwsdp-samples>
- \* <https://github.com/eclipse-ee4j/jax-rpc-ri>
- \* <https://github.com/eclipse-ee4j/jaxr-ri>

### ## Third-party Content

This project leverages the following third party content.

addressing.xml Version: 2004/10 (n/a)

- \* License: W3C
- \* Project: <https://www.w3.org/Submission/ws-addressing/>
- \* Source: <http://schemas.xmlsoap.org/ws/2004/08/addressing/>

ant-launcher (1.10.2)

- \* License: Apache-2.0 AND SAX-PD AND W3C
- \* Project: <https://ant.apache.org/>

\* Source:

<http://central.maven.org/maven2/org/apache/ant/ant-launcher/1.10.2/ant-launcher-1.10.2-sources.jar>

Apache Ant (1.6)

- \* License: Apache-1.1
- \* Project: <https://ant.apache.org/>
- \* Source: <https://repo1.maven.org/maven2/org/apache/ant/ant/1.6/ant-1.6-sources.jar>

Apache Ant (1.10.2)

- \* License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

commons-logging (1.1.2)

- \* License: Apache-2.0
- \* Project: <https://commons.apache.org/proper/commons-logging/>

\* Source:

<http://central.maven.org/maven2/commons-logging/commons-logging/1.1.2/commons-logging-1.1.2-sources.jar>

JUnit (4.12)

- \* License: Eclipse Public License

maven-core (3.5.2)

- \* License: Apache-2.0

maven-plugin-annotations (3.5.1)

\* License: Apache-2.0

\* Project:

<https://maven.apache.org/plugin-tools/maven-plugin-annotations/project-info.html>

\* Source:

<https://github.com/apache/maven-plugin-tools/tree/maven-plugin-tools-3.5.1/maven-plugin-annotations>

maven-plugin-api (3.5.2)

\* License: Apache-2.0

\* Project: <https://maven.apache.org/>

\* Source: <https://github.com/apache/maven/tree/master/maven-plugin-api>

maven-resolver-api (1.1.1)

\* License: Apache-2.0

maven-resolver-util (1.1.1)

\* License: Apache-2.0

maven-settings (3.5.2)

\* License: Apache-2.0

mex.xsd Version: 2004/09 (n/a)

\* License: Oasis Style

\* Project: <https://www.w3.org/Submission/WS-MetadataExchange/#appendix-II>

\* Source: <http://schemas.xmlsoap.org/ws/2004/09/mex/MetadataExchange.xsd>

plexus-utils (3.1.0)

\* License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana University Extreme! Lab Software License V1.1.1 (Apache 1.1 style)

relaxng-datatype (1.0)

\* License: New BSD license

stax2-api (4.1)

\* License: Pending

\* Project: <https://github.com/FasterXML/stax2-api>

\* Source:

<http://central.maven.org/maven2/org/codehaus/woodstox/stax2-api/4.1/stax2-api-4.1-sources.jar>

testng (6.14.2)

\* License: Apache-2.0 AND MIT

\* Project: <https://testng.org/doc/index.html>

\* Source: <https://github.com/cbeust/testng>  
woodstox-core-asl (4.4.1)  
\* License: Apache-2.0  
woodstox-core-asl (5.1.0)  
\* License: Pending  
\* Project: <https://github.com/FasterXML/woodstox>  
\* Source: <https://github.com/FasterXML/woodstox>  
ws-addr.wsd (1.0)  
\* License: W3C  
\* Project: <https://www.w3.org/2005/08/addressing/>  
\* Source: <https://www.w3.org/2006/03/addressing/ws-addr.xsd>  
wsat.xsd Version: 2004/10 (n/a)  
\* License: Oasis Style  
\* Project: <http://schemas.xmlsoap.org/ws/2004/10/wsat/>  
\* Source: <http://schemas.xmlsoap.org/ws/2004/10/wsat/wsat.xsd>  
wscoor.xsd (1.0)  
\* License: OASIS Style  
wscoor.xsd (1.1)  
\* License: Oasis (Custom)  
\* Project: <http://docs.oasis-open.org/ws-tx/wscoor/2006/06>  
\* Source:  
<http://docs.oasis-open.org/ws-tx/wscoor/2006/06/wstx-wscoor-1.1-schema-200701.xsd>  
wsrm Version: 2005/02 (n/a)  
\* License: Oasis (Custom)  
\* Project: <http://schemas.xmlsoap.org/ws/2005/02/rm/>  
\* Source:  
<http://schemas.xmlsoap.org/ws/2005/02/rm/wsrm.xsd>;%20<http://schemas.xmlsoap.org/ws/2005/02/rm/wsrm-policy.xsd>  
wsrm.xsd (1.2)  
\* License: Oasis  
wstx-wsat.xsd (1.1)  
\* License: Oasis (Custom)  
xmlsec (1.5.8)  
\* License: Apache-2.0

\* Project: <http://santuario.apache.org/>

\* Source:

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== NAME OF DEPENDENCY 4

jakarta.activation:jakarta.activation-api

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org.eclipse.angus:angus-activation:jar

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== NAME OF DEPENDENCY 6

jakarta.xml.bind:jakarta.xml.bind-api:jar
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\* Project: <https://asm.ow2.io/>

\* Source:

<https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~---kw,versionexpand>

JTHarness (5.0)

\* License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)

\* Project: <https://wiki.openjdk.java.net/display/CodeTools/JT+Harness>

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normalize.css (3.0.2)

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== NAME OF DEPENDENCY 7

com.sun.xml.fastinfoset:FastInfoset:jar

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* https://github.com/eclipse-ee4j/jaxb-dtd-parser  
* https://github.com/eclipse-ee4j/jaxb-fi  
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maven-plugin-annotations (3.5)

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\* Project: <https://maven.apache.org/plugin-tools/maven-plugin-annotations/>

\* Source:

<https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations>

maven-plugin-api (3.5.2)

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\* License: Apache-2.0

\* Project: <https://maven.apache.org/resolver/maven-resolver-transport-file/>

\* Source:

<https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file>

maven-resolver-util (1.1.1)

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\* License: Apache-2.0

\* Project: <https://codehaus-plexus.github.io/plexus-archiver/>

\* Source: <https://github.com/codehaus-plexus/plexus-archiver>

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wagon-http-lightweight (3.0.0)

\* License: Pending

\* Project: <https://maven.apache.org/wagon/>

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<https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0>

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<https://github.com/eclipse-ee4j/jaxb-istack-commons>

<https://github.com/eclipse-ee4j/jaxb-dtd-parser>

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### **jersey-hk2**

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org.glassfish.jersey.ext.jersey-entity-filtering (EPL 2.0 + GPL 2.0 with CPE)

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com.fasterxml.jackson.core.jackson-databind (Apache 2.0)

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# Jackson JSON processor

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

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It is currently developed by a community of developers, as well as supported

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**jersey-media-multipart**

jersey-media-multipart: 2.31

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Chai - v4.2.0

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expression-eval - v2.0.0

<https://github.com/donmccurdy/expression-eval>

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jsep - v0.3.4

<https://github.com/soney/jsep>

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RequireJS i18n 2.0.2

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select2.js

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JS Signals

Author: Miller Medeiros

Version: 1.0.0 - Build: 268 (2012/11/29 05:48 PM)

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RequireJS text 2.0.15

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RequireJS 2.3.6

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Chai

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expression-eval

<https://github.com/donmccurdy/expression-eval>

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jsep -

<https://github.com/soney/jsep>

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require-css

<https://github.com/guybedford/require-css>

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Hammer.JS

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

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Normalize.scss

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RequireJS i18n

<http://github.com/requirejs/i18n> for details

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`select2.js`

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JS Signals <<http://millermedeiros.github.com/js-signals/>>

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RequireJS text

<http://github.com/requirejs/text>

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Normalize.scss

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RequireJS i18n

<http://github.com/requirejs/i18n> for details

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JS Signals <<http://millermedeiros.github.com/js-signals/>>

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expression-eval

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RequireJS i18n

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jackson-annotations

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jakarta-json-api

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<https://github.com/eclipse-ee4j/metro-policy>

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<https://github.com/eclipse-ee4j/metro-saaj>

<https://github.com/eclipse-ee4j/metro-jwsdp-samples>

<https://github.com/eclipse-ee4j/jax-rpc-ri>

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This project leverages the following third party content.

addressing.xml Version: 2004/10 (n/a)

License: W3C

Project: <https://www.w3.org/Submission/ws-addressing/>

Source: <http://schemas.xmlsoap.org/ws/2004/08/addressing/>

ant-launcher (1.10.2)

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Project: <https://ant.apache.org/>

Source: <http://central.maven.org/maven2/org/apache/ant/ant-launcher/1.10.2/ant-launcher-1.10.2-sources.jar>

Apache Ant (1.6)

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Project: <https://commons.apache.org/proper/commons-logging/>

Source: <http://central.maven.org/maven2/commons-logging/commons-logging/1.1.2/commons-logging-1.1.2-sources.jar>

JUnit (4.12)

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maven-core (3.5.2)

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maven-plugin-annotations (3.5.1)

License: Apache-2.0

Project: <https://maven.apache.org/plugin-tools/maven-plugin-annotations/project-info.html>

Source: <https://github.com/apache/maven-plugin-tools/tree/maven-plugin-tools-3.5.1/maven-plugin-annotations>

maven-plugin-api (3.5.2)

License: Apache-2.0

Project: <https://maven.apache.org/>

Source: <https://github.com/apache/maven/tree/master/maven-plugin-api>  
maven-resolver-api (1.1.1)

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mex.xsd Version: 2004/09 (n/a)

License: Oasis Style  
Project: <https://www.w3.org/Submission/WS-MetadataExchange/#appendix-II>  
Source: <http://schemas.xmlsoap.org/ws/2004/09/mex/MetadataExchange.xsd>  
plexus-utils (3.1.0)

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relaxng-datatype (1.0)

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stax2-api (4.1)

License: Pending  
Project: <https://github.com/FasterXML/stax2-api>  
Source: <http://central.maven.org/maven2/org/codehaus/woodstox/stax2-api/4.1/stax2-api-4.1-sources.jar>  
testng (6.14.2)

License: Apache-2.0 AND MIT  
Project: <https://testng.org/doc/index.html>  
Source: <https://github.com/cbeust/testng>  
woodstox-core-asl (4.4.1)

License: Apache-2.0  
woodstox-core-asl (5.1.0)

License: Pending  
Project: <https://github.com/FasterXML/woodstox>

Source: <https://github.com/FasterXML/woodstox>

ws-addr.wsd (1.0)

License: W3C

Project: <https://www.w3.org/2005/08/addressing/>

Source: <https://www.w3.org/2006/03/addressing/ws-addr.xsd>

wsat.xsd Version: 2004/10 (n/a)

License: Oasis Style

Project: <http://schemas.xmlsoap.org/ws/2004/10/wsat/>

Source: <http://schemas.xmlsoap.org/ws/2004/10/wsat/wsat.xsd>

wscor.xsd (1.0)

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Project: <http://docs.oasis-open.org/ws-tx/wscor/2006/06>

Source: <http://docs.oasis-open.org/ws-tx/wscor/2006/06/wstx-wscor-1.1-schema-200701.xsd>

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Project: <http://schemas.xmlsoap.org/ws/2005/02/rm/>

Source: <http://schemas.xmlsoap.org/ws/2005/02/rm/wstrm.xsd;%20http://schemas.xmlsoap.org/ws/2005/02/rm/wstrm-policy.xsd>

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xmlsec (1.5.8)

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Project: <http://santuario.apache.org/>

Source: <https://repo1.maven.org/maven2/org/apache/santuario/xmlsec/1.5.8/xmlsec-1.5.8-sources.jar>

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#### THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

University of Cambridge Computing Service,  
Cambridge, England.

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#### PCRE2 JUST-IN-TIME COMPILATION SUPPORT

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Written by: Zoltan Herczeg

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"Application Executable" refers to a mobile application executable installation file, such as an apk or ipa file.

"Application Workspace" refers to a series of files making up the source code of a mobile application developed using MAF Foundation.

"Data Control" refers to MAF Foundation mobile application artifacts that provides standard metadata interfaces to business services (such as web services) accessed by the mobile application.

"Feature" refers to specific MAF Foundation mobile application artifacts that are the building blocks of a mobile application, where each Feature integrated into the mobile application performs a specific set of tasks.

### Table 1

Capabilities that may be used when MAF Foundation is included as a component within another Oracle product.

Capability	Description
Sign and deploy Application Archive or Application Workspace into an Application Executable	Sign the mobile application with the appropriate certificates, and deploy the Application Archive or Workspace into an Application Executable.

Capability	Description
Make modifications to an Application Archive as specified, except as listed in Table 2 below	<p>Sign the mobile application with the appropriate certificates, and deploy the Application Archive or Workspace into an Application Executable.</p> <ul style="list-style-type: none"> <li>• Deploy a browser-based Oracle mobile application into MAF Foundation to run as Remote URL Feature(s)</li> <li>• Access device-native services such as the notification framework or camera</li> <li>• Change branding details such as mobile application/navigation bar icons and skins</li> <li>• Modify business logic components and the user interface of the mobile application to align with your implemented business processes and customizations in the associated Oracle non-mobile application(s)</li> </ul>
Distribute Application Executable generated from Application Archive or Application Workspace	Distribute the Application Executable generated from an Application Archive to the extent permitted by, and in full compliance with, (a) the Oracle license terms associated with the Primary Product, and (b) any applicable third-party distribution terms and conditions required either by the mobile operating system provider or the application distribution platform provider (e.g., Apple Inc., Google, Inc.).
Manage the mobile application using mobile application management (MAM) solutions	Use MAM solutions with mobile applications generated from an Application Archive; for example, wrapping the mobile application binaries with the containers provided by the MAM solution.

**Table 2**

Capabilities that may not be used when MAF Foundation is included as a component within another Oracle product.

Capability	Description
Add a new Mobile Application Framework Feature	Add a new MAF Feature such as AMX or Local HTML-based Features, except when embedding a web-based Oracle Application as a Remote URL Feature (as addressed in Table 1 above).
Add a Remote URL Feature to Applications outside of App License Agreement	Add a Remote URL Feature pointing to any application or features that are not part of the Primary Product. For example, for an Application Archive shipped as part of the Oracle PeopleSoft application, add a Remote URL Feature pointing to Oracle Siebel CRM application or to third party applications.

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Capability	Description
Add a new MAF Data Control	Add a new Data Control to the MAF-based mobile Application Archive or Application Workspace. For example, a Web Service Data Control that exposes backend data services or a Bean Data Control that exposes custom Java code to the application's user interface.

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org.apache.xmlgraphics:batik-constants  
org.apache.xmlgraphics:xmlgraphics-commons  
org.apache.xmlgraphics:batik-i18n  
org.apache.xmlgraphics:xmlgraphics-commons  
commons-io  
commons-logging

=====  
=====

org.apache.xmlgraphics:batik-svgrasterizer is fourth party and it has several recursive fifth, sixth and seventh parties which are listed below

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org.apache.xmlgraphics:batik-parser  
org.apache.xmlgraphics:batik-awt-util  
org.apache.xmlgraphics:batik-shared-resources  
org.apache.xmlgraphics:batik-xml  
org.apache.xmlgraphics:batik-util  
org.apache.xmlgraphics:batik-transcoder  
org.apache.xmlgraphics:batik-anim  
org.apache.xmlgraphics:batik-css  
org.apache.xmlgraphics:xmlgraphics-commons  
xml-apis:xml-apis-ext  
org.apache.xmlgraphics:batik-dom  
org.apache.xmlgraphics:batik-ext  
org.apache.xmlgraphics:batik-parser  
org.apache.xmlgraphics:batik-svg-dom  
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4th party dependency:slf4j-api (MIT)

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SLF4J JDK14 Binding (org.slf4j:slf4j-jdk14)

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**Spring Framework**

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Top level component - Spring Framework 5.3.23

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#### Modules

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- spring-aop
- spring-aspects
- spring-beans
- spring-context-indexer
- spring-context-support
- spring-context
- spring-core
- spring-expression

spring-instrument  
spring-jcl  
spring-jdbc  
spring-jms  
spring-messaging  
spring-orm  
spring-oxm  
spring-r2dbc  
spring-test  
spring-tx  
spring-web  
spring-webflux  
spring-webmvc  
spring-websocket

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4th party dependencies

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aspectjweaver (EPL 2.0)

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spring-core

spring-aspects

spring-beans

spring-context

spring-context-indexer

spring-expression

spring-jcl

spring-jdbc

spring-jms

spring-messaging

spring-oxm

spring-tx

spring-web

spring-webmvc

spring-aop

spring-context-support

spring-orm

spring-instrument

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TOP LEVEL COMPONENT: spring-security-5.6.0

TOP LEVEL SUBCOMPONENTS

spring-security-core-5.6.0

spring-security-ldap-5.6.0

spring-security-web-5.6.0

spring-security-config-5.6.0

spring-security-crypto-5.6.0

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#### Spring Modules

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- spring-core
- spring-aspects
- spring-beans
- spring-context
- spring-context-indexer
- spring-expression
- spring-jcl
- spring-jdbc
- spring-jms
- spring-messaging
- spring-oxm
- spring-tx
- spring-web
- spring-webmvc
- spring-aop
- spring-context-support
- spring-orm
- spring-instrument

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#### Fourth party dependency

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- aspectjweaver (EPL 2.0)

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Dependency: Spring Framework

License: Apache 2.0

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spring-context

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Recursive fourth party dependency:

=====

1. org.springframework » spring-beans

A) org.springframework » spring-core

a) org.springframework » spring-jcl

=====separator=====

2. org.springframework » spring-core

A) org.springframework » spring-jcl

=====END=====

### Spring-beans

org.springframework:spring-beans

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org.springframework:spring-beans

org.springframework:spring-core

org.springframework:spring-jcl

org.springframework:spring-expression

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A) org.springframework » spring-beans

a) org.springframework » spring-core

\*) org.springframework » spring-jcl

B) org.springframework » spring-core

a) org.springframework » spring-jcl

====separator=====

2. org.springframework » spring-beans

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A) org.springframework » spring-core
a) org.springframework » spring-jcl
=====separator=====
3. org.springframework » spring-core
A) org.springframework » spring-jcl
=====separator=====
4. org.springframework » spring-expression
A) org.springframework » spring-core
a) org.springframework » spring-jcl
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=====

1. org.springframework » spring-beans

A) org.springframework » spring-core

a) org.springframework » spring-jcl

=====separator=====

2. org.springframework » spring-context

A) org.springframework » spring-aop

a) org.springframework » spring-beans

\*) org.springframework » spring-core

\*) org.springframework » spring-jcl

```
b) org.springframework » spring-core
*) org.springframework » spring-jcl
=====separator=====
B) org.springframework » spring-beans
a) org.springframework » spring-core
*) org.springframework » spring-jcl
=====separator=====
C) org.springframework » spring-core
a) org.springframework » spring-jcl
=====separator=====
D) org.springframework » spring-expression
a) org.springframework » spring-core
*) org.springframework » spring-jcl
=====separator=====
3. org.springframework » spring-core
A) org.springframework » spring-jcl
=====END=====
```

### Spring-core

org.springframework:spring-core

spring-core has following 4th party dependencies:

org.springframework:spring-jcl

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Recursive fourth party components:

1. org.springframework » spring-core
2. org.springframework » spring-jcl

=====  
=====END=====

### Spring-jcl

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No 4th party dependency.

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org.springframework » spring-beans

org.springframework » spring-core

org.springframework » spring-tx

### **Spring-test**

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```
=====
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```

```
org.springframework » spring-beans Apache 2.0
```

```
org.springframework » spring-core Apache 2.0
```

```
org.springframework » spring-jcl Apache 2.0
```

### **Spring-tx**

Top level component:

```
org.springframework:spring-tx
```

Dependencies:

```
org.springframework:spring-beans
```

```
org.springframework:spring-core
```

```
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```

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### **Spring-web**

org.springframework:spring-web

spring-web has following 4th party dependencies:

org.springframework:spring-beans

org.springframework:spring-core

org.springframework:spring-jcl

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Recursive fourth party components:-

- =====
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  - A) org.springframework » spring-beans
  - a) org.springframework » spring-core
  - \*) org.springframework » spring-jcl

```
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B) org.springframework » spring-core
a) org.springframework » spring-jcl
=====separator=====
2. org.springframework » spring-beans
A) org.springframework » spring-core
a) org.springframework » spring-jcl
=====separator=====
3. org.springframework » spring-context
A) org.springframework » spring-aop
a) org.springframework » spring-beans
*) org.springframework » spring-core
*) org.springframework » spring-jcl
b) org.springframework » spring-core
*) org.springframework » spring-jcl
=====
B) org.springframework » spring-beans
a) org.springframework » spring-core
*) org.springframework » spring-jcl
C) org.springframework » spring-core
*) org.springframework » spring-jcl
D) org.springframework » spring-expression
a) org.springframework » spring-core
*) org.springframework » spring-jcl
=====separator=====
4. org.springframework » spring-core
A) org.springframework » spring-jcl
=====separator=====
5. org.springframework » spring-expression
A) org.springframework » spring-core
a) org.springframework » spring-jcl
=====separator=====
6. org.springframework » spring-web
```



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Fourth Party Dependency Name : slf4j-api

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Initial authors:

Stefan Haustein

Aleksander Slominski

2001-12-12

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Initial authors:

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