

## **Oracle® Retail**

Licensing Information User Manual

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Primary Author: Oracle Legal

Contributing Author: Ken Ramoska

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Oracle welcomes customers' comments and suggestions on the quality and usefulness of this document.

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- Did you understand the context of the procedures?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
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If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

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# Preface

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

## Documentation Accessibility

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To more quickly address critical corrections to Oracle Retail documentation content, Oracle Retail documentation may be republished whenever a critical correction is needed. For critical corrections, the republication of an Oracle Retail document may at times not be attached to a numbered software release; instead, the Oracle Retail document will simply be replaced on the Oracle Technology Network Web site, or, in the case of Data Models, to the applicable My Oracle Support Documentation container where they reside.

This process will prevent delays in making critical corrections available to customers. For the customer, it means that before you begin installation, you must verify that you have the most recent version of the Oracle Retail documentation set. Oracle Retail documentation is available on the Oracle Technology Network at the following URL:

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An updated version of the applicable Oracle Retail document is indicated by Oracle part number, as well as print date (month and year). An updated version uses the same part number, with a higher-numbered suffix. For example, part number E123456-02 is an updated version of a document with part number E123456-01.

If a more recent version of a document is available, that version supersedes all previous versions.

## **Oracle Retail Documentation on the Oracle Technology Network**

Oracle Retail product documentation is available on the following web site:

<http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html>

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# Introduction

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## Analytics and Advanced Science Licensing Information

This chapter provides the following licensing information for Analytics and Advanced Science.

- 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 Analytics and Advanced Science.

Retail Solution Unit	Product	Licensing Information
Analytics and Advanced Science	XBR <sup>i</sup> Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail XBR<sup>i</sup> offers Business Intelligence (BI) reporting and analysis modules in the areas of Loss Prevention (LP) and Sales and Productivity (SP).</p> <p>The XBR<sup>i</sup> LP module is the most widely used loss prevention and point of service (POS) data analysis tool. The LP module is an intuitive, intelligent and global analytical reporting solution that is designed to quickly identify suspicious trends, transactions, and other data anomalies. The LP module allows easy user access, dynamic functionality, and forensic analysis to make more-informed decisions with timely, data-driven answers to business questions and to protect the bottom line.</p> <p>The XBR<sup>i</sup> SP module offers robust and highly configurable reporting across all levels of the retail organization hierarchy (Salesperson, Store, District, Region, and so on), merchandise hierarchy (item, class, dept., and so on), and/or by geographic attributes. Through a comprehensive set of grid and graph reports, documents and interactive dashboards, users can compare same store sales to past performance and custom goals, measure sales members' productivity, and evaluate the impact of merchandise characteristics on productivity.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>

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Product	Component(s)	Licensing Information
XBR <sup>i</sup> Cloud Service	Data Tables 1.10.23	<a href="#">Data Tables</a>
	Font Awesome 5.7.2	<a href="#">Font Awesome</a>
	JavaScript Extension Toolkit (JET) 9.2.0	<a href="#">JET</a>
	JQuery 3.5.1	<a href="#">jQuery</a>
	wz_tooltip 5.31	<a href="#">wz_tooltip</a>
	YUI 3.4.1	<a href="#">YUI</a>



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## Merchandise Planning and Optimization Licensing Information

This chapter provides the following licensing information for Merchandise Planning and Optimization.

- 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 Merchandise Planning and Optimization.

Retail Solution Unit	Product	Licensing Information
MPO	Assortment & Item Planning for Fashion/Softlines Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Assortment &amp; Item Planning FSL CS leverages embedded science and automation to provide an effective assortment strategy to maximize return on inventory investment. By factoring in last year or last assortment trends and attribute mix, style-color performance by location, and one-off and special buys, this solution provides a recommended rate of sale and target options count for merchants and planners to utilize as a benchmark as they work with design teams and go to market.</p> <p>The wedge builder algorithm takes this customer targeted assortment and recommends the optimal number of style-colors based on the assortment strategy that best fit the item status strategy and attribute goals planned for each cluster, ensuring that the product selection reflects a unique and engaging assortment mix to promote customer satisfaction and engagement.</p> <p>The inclusion of sophisticated and intelligent logic allows retailers to complete their assortments quickly and effectively, allowing for more time for collaboration to develop creative innovation to increase in-store and online traffic growth. Coupled with highly visual plan views and capabilities and simplified business process, retailers are able to effectively make informed decisions when creating an optimal assortment while understanding the overall impact that it will have to the floor set and customer experience.</p> <p>The Assortment &amp; Item Planning FSL Cloud Service in-season business process provides planners with the ability to quickly and effectively react to season-to-date actuals and trends with exception management. With one complete version of the truth through a common business process and calculations and smart starting points, planners are able to easily review and update sales, promotions, and markdown plans.</p> <p>The solution also helps retailers to anticipate and proactively manage exceptions through standard real-time alerts and an interactive and user-tailored exceptions dashboard, to ultimately highlight and focus a planner's attention on key areas. The solution supports the entire lifecycle of an item, including what-if promotion and markdown planning capabilities. The price and promotion planning capabilities, by percent off or price-point, streamline the layering of events within the context of the sales, inventory and keep/add/drop assortment planning decisions to derive ideal exit and carryover strategy.</p> <p>Delivering an effective assortment and item strategy that engages the customer in an Omnichannel environment requires a single view of customer, inventory, order, demand, and pricing / promotions. Oracle Retail's unified approach to planning provides a framework of best practices, without inhibiting the art of the merchant, while enabling the retailer to improve the precision and level of detail of assortment and item planning decisions through advanced analytics and science.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>This media pack includes a Restricted Use license for Oracle Retail Predictive Application Server (RPAS) - Cloud Edition to support Oracle Retail Demand Forecasting Cloud Service, Oracle Retail Merchandise Financial Planning Cloud Service, and Oracle Retail Assortment &amp; Item Planning Cloud Service only.</p>

Retail Solution Unit	Product	Licensing Information
MPO	Assortment & Item Planning Enterprise Edition Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail A&amp;IP Enterprise Edition Cloud Service empowers retailers to deliver the user experience their associates expect and their customers demand. Through it, retailers are better able to anticipate demand, simplify their operations, and introduce meaningful innovation</p> <p>A&amp;IP Enterprise Edition Cloud Service exposes the RPAS capabilities needed to deliver on the scope of the solution. Here is a list of the capabilities that A&amp;IP Enterprise Edition Cloud Service provides.</p> <ul style="list-style-type: none"> <li>■ All core RPAS configuration capabilities, as defined in the RPAS Configuration Guide</li> <li>■ Embedded forecasting procedure</li> <li>■ Store clustering</li> <li>■ Assortment wedge builder</li> <li>■ Visual planning using images</li> <li>■ Additional A&amp;IP-tuned procedures, as used in the GA A&amp;IP configuration</li> </ul> <p>Where standard RPAS capabilities for on-premise solutions offers unrestricted abilities to author or reference custom shell scripts, custom compiled code, libraries, or .jar files, these are not supported in Cloud Service (including Configurable SaaS) solutions to ensure the security and performance of all solutions.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>This media pack includes a Restricted Use license for Oracle Retail Predictive Application Server (RPAS) - Cloud Edition to support Oracle Retail Demand Forecasting Cloud Service, Oracle Retail Merchandise Financial Planning Cloud Service, and Oracle Retail Assortment &amp; Item Planning Cloud Service only.</p>
MPO	Merchandise Financial Planning Cloud Service	<p>Oracle Retail Merchandise Financial Planning (MFP) Cloud Service provides strategic and financial product planning functions. These functions support industry planning standards for preseason and in-season processes. MFP Cloud Service facilitates the creation of financial plans in a structured method through the following processes:</p> <ul style="list-style-type: none"> <li>■ Setting and passing targets to lower levels</li> <li>■ Plan reconciliation among Merch Targets, Merch Plan, Location Targets, and Location Plan levels</li> <li>■ Approval of Merch Plan and Location Plan</li> <li>■ Assortment wedge builder</li> <li>■ Plan monitoring and maintenance at all levels</li> <li>■ Replanning at all levels</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>This media pack includes a Restricted Use license for Oracle Retail Predictive Application Server (RPAS) - Cloud Edition to support Oracle Retail Demand Forecasting Cloud Service, Oracle Retail Merchandise Financial Planning Cloud Service, and Oracle Retail Assortment &amp; Item Planning Cloud Service only.</p>

Retail Solution Unit	Product	Licensing Information
MPO	Merchandise Financial Planning Enterprise Edition Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail MFP Enterprise Edition Cloud Service empowers retailers to deliver the user experience their associates expect and their customers demand. Through it, retailers are better able to anticipate demand, simplify their operations, and introduce meaningful innovation.</p> <p>MFP Enterprise Edition Cloud Service exposes the Oracle Retail Predictive Application Server (RPAS) capabilities needed to deliver on the scope of the solution. Here is a list of the capabilities that MFP Enterprise Edition Cloud Service provides.</p> <ul style="list-style-type: none"> <li>■ All core RPAS configuration capabilities, as defined in the RPAS Configuration Guide</li> <li>■ Embedded forecasting procedure as used in the GA MFP configuration</li> </ul> <p>Where standard RPAS capabilities for on-premise solutions offers unrestricted abilities to author or reference custom shell scripts, custom compiled code, libraries, or .jar files, these are not supported in Cloud Service (including Configurable SaaS) solutions to ensure the security and performance of all solutions.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>This media pack includes a Restricted Use license for Oracle Retail Predictive Application Server (RPAS) - Cloud Edition to support Oracle Retail Demand Forecasting Cloud Service, Oracle Retail Merchandise Financial Planning Cloud Service, and Oracle Retail Assortment &amp; Item Planning Cloud Service only.</p>

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Retail Product	Component(s)	Licensing Information
Assortment & Item Planning for Fashion/Softlines Cloud Service	Ant 1.10.5	<a href="#">Apache 2.0</a>
	Ant Contrib 1.0b3	<a href="#">Apache 1.1</a>
	Ant Installer 0.8.0	<a href="#">Apache 2.0</a>
	Boost 1.68.0	<a href="#">Boost</a>
	Commons Beansutils 1.9.3	<a href="#">Apache 2.0</a>
	Commons CLI 1.4	<a href="#">Apache 2.0</a>
	Commons Collections 4.1	<a href="#">Apache 2.0</a>
	Commons CSV 1.5	<a href="#">Apache 2.0</a>
	Commons Digester 3.2	<a href="#">Apache 2.0</a>
	Commons Lang 3.6	<a href="#">Apache 2.0</a>
	Commons Logging 1.2	<a href="#">Apache 2.0</a>
	Commons Text 1.1	<a href="#">Apache 2.0</a>
	Groovy 2.4.12	<a href="#">Apache 2.0</a>

Retail Product	Component(s)	Licensing Information
Assortment & Item Planning for Fashion/ Softlines Cloud Service <b>Continued...</b>	Incanto 0.2.4	<a href="#">Apache 2.0</a>
	Jackson Core 2.9.5	<a href="#">Apache 2.0</a>
	Jackson Databind 2.9.5	<a href="#">Apache 2.0</a>
	Jackson module-jaxb-annotations 2.9.5	<a href="#">Apache 2.0</a>
	JavaScript Extension Toolkit (JET) 5.1.0	<a href="#">JET</a>
	JDOM 2.0.6	<a href="#">JDOM</a>
	JSch 0.1.54	<a href="#">JSch</a>
	JUnit 4.12	<a href="#">Eclipse Public License - v 1.0</a>
	Knockout 3.4.0	<a href="#">MIT License</a>
	Netty 4.0.56	<a href="#">Apache 2.0</a>
	POI 3.17	<a href="#">Apache 2.0</a>
	TinyXML-2 6.2.0	<a href="#">TinyXML</a>
Assortment & Item Planning Enterprise Edition Cloud Service	Ant 1.10.5	<a href="#">Apache 2.0</a>
	Ant Contrib 1.0b3	<a href="#">Apache 1.1</a>
	Ant Installer 0.8.0	<a href="#">Apache 2.0</a>
	Boost 1.68.0	<a href="#">Boost</a>
	Commons Beansutils 1.9.3	<a href="#">Apache 2.0</a>
	Commons CLI 1.4	<a href="#">Apache 2.0</a>
	Commons Collections 4.1	<a href="#">Apache 2.0</a>
	Commons CSV 1.5	<a href="#">Apache 2.0</a>
	Commons Digester 3.2	<a href="#">Apache 2.0</a>
	Commons Lang 3.6	<a href="#">Apache 2.0</a>
	Commons Logging 1.2	<a href="#">Apache 2.0</a>
	Commons Text 1.1	<a href="#">Apache 2.0</a>
	Groovy 2.4.12	<a href="#">Apache 2.0</a>
	Incanto 0.2.4	<a href="#">Apache 2.0</a>
	Jackson Core 2.9.5	<a href="#">Apache 2.0</a>
	Jackson Databind 2.9.5	<a href="#">Apache 2.0</a>
	Jackson module-jaxb-annotations 2.9.5	<a href="#">Apache 2.0</a>
	JavaScript Extension Toolkit (JET) 5.1.0	<a href="#">JET</a>
	JDOM 2.0.6	<a href="#">JDOM</a>
	JSch 0.1.54	<a href="#">JSch</a>
	JUnit 4.12	<a href="#">Eclipse Public License - v 1.0</a>
	Knockout 3.4.0	<a href="#">MIT License</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Assortment & Item Planning Enterprise Edition Cloud Service <b>Continued...</b>	Netty 4.0.56	<a href="#">Apache 2.0</a>
	POI 3.17	<a href="#">Apache 2.0</a>
	TinyXML-2 6.2.0	<a href="#">TinyXML</a>
Merchandise Financial Planning Cloud Service	Ant 1.10.5	<a href="#">Apache 2.0</a>
	Ant Contrib 1.0b3	<a href="#">Apache 1.1</a>
	Ant Installer 0.8.0	<a href="#">Apache 2.0</a>
	Boost 1.68.0	<a href="#">Boost</a>
	Commons Beansutils 1.9.3	<a href="#">Apache 2.0</a>
	Commons CLI 1.4	<a href="#">Apache 2.0</a>
	Commons Collections 4.1	<a href="#">Apache 2.0</a>
	Commons CSV 1.5	<a href="#">Apache 2.0</a>
	Commons Digester 3.2	<a href="#">Apache 2.0</a>
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	Incanto 0.2.4	<a href="#">Apache 2.0</a>
	Jackson Core 2.9.5	<a href="#">Apache 2.0</a>
	Jackson Databind 2.9.5	<a href="#">Apache 2.0</a>
	Jackson module-jaxb-annotations 2.9.5	<a href="#">Apache 2.0</a>
	JavaScript Extension Toolkit (JET) 5.1.0	<a href="#">JET</a>
	JDOM 2.0.6	<a href="#">JDOM</a>
	JSch 0.1.54	<a href="#">JSch</a>
	JUnit 4.12	<a href="#">Eclipse Public License - v 1.0</a>
	Knockout 3.4.0	<a href="#">MIT License</a>
	Netty 4.0.56	<a href="#">Apache 2.0</a>
	POI 3.17	<a href="#">Apache 2.0</a>
	TinyXML-2 6.2.0	<a href="#">TinyXML</a>
Merchandise Financial Planning Enterprise Edition Cloud Service	Ant 1.10.5	<a href="#">Apache 2.0</a>
	Ant Contrib 1.0b3	<a href="#">Apache 1.1</a>
	Ant Installer 0.8.0	<a href="#">Apache 2.0</a>
	Boost 1.68.0	<a href="#">Boost</a>
	Commons Beansutils 1.9.3	<a href="#">Apache 2.0</a>
	Commons CLI 1.4	<a href="#">Apache 2.0</a>

Retail Product	Component(s)	Licensing Information
Merchandise Financial Planning Enterprise Edition Cloud Service Continued...	Commons Collections 4.1	<a href="#">Apache 2.0</a>
	Commons CSV 1.5	<a href="#">Apache 2.0</a>
	Commons Digester 3.2	<a href="#">Apache 2.0</a>
	Commons Lang 3.6	<a href="#">Apache 2.0</a>
	Commons Logging 1.2	<a href="#">Apache 2.0</a>
	Commons Text 1.1	<a href="#">Apache 2.0</a>
	Groovy 2.4.12	<a href="#">Apache 2.0</a>
	Incanto 0.2.4	<a href="#">Apache 2.0</a>
	Jackson Core 2.9.5	<a href="#">Apache 2.0</a>
	Jackson Databind 2.9.5	<a href="#">Apache 2.0</a>
	Jackson module-jaxb-annotations 2.9.5	<a href="#">Apache 2.0</a>
	JavaScript Extension Toolkit (JET) 5.1.0	<a href="#">JET</a>
	JDOM 2.0.6	<a href="#">JDOM</a>
	JSch 0.1.54	<a href="#">JSch</a>
	JUnit 4.12	<a href="#">Eclipse Public License - v 1.0</a>
	Knockout 3.4.0	<a href="#">MIT License</a>
	Netty 4.0.56	<a href="#">Apache 2.0</a>
	POI 3.17	<a href="#">Apache 2.0</a>
	TinyXML-2 6.2.0	<a href="#">TinyXML</a>





## 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 Supply Chain.

Retail Solution Unit	Product	Licensing Information
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.</li> <li>■ Product supports the development of products and production specifications. Project supports the development of project briefs, plans, and workflow management.</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>

<b>Retail Solution Unit</b>	<b>Product</b>	<b>Licensing Information</b>
Supply Chain	Retail Demand Forecasting Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Demand Forecasting Cloud Service (RDF CS) provides accurate forecasts that enable retailers to coordinate demand-driven outcomes that deliver connected customer interactions. With a single view of demand, RDF CS provides pervasive value across retail processes, including driving optimal strategies in planning, increasing inventory productivity in supply chains, decreasing operational costs and driving customer satisfaction from engagement to sale to fulfillment. RDF CS, is a comprehensive solution that maximizes the forecast accuracy for the entire product lifecycle; with tailored approaches for short and long lifecycle products; the ability to adapt to recent trends, seasonality, out-of-stocks and promotions; and reflect the unique demand drivers of each retailer.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>This media pack includes a Restricted Use license for Oracle Retail Predictive Application Server (RPAS) - Cloud Edition to support Oracle Retail Demand Forecasting Cloud Service, Oracle Retail Merchandise Financial Planning Cloud Service, and Oracle Retail Assortment &amp; Item Planning Cloud Service only.</p>

## Open Source Software or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in the Retail Global Business Unit are identified in the following table along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or README files of the individual third party open source software.

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Brand Compliance Management Cloud Service	Echo3 3.1.0	<a href="#">Mozilla Public License Version 1.1</a>
	Echo3Chart 3.1.0-1	<a href="#">Mozilla Public License Version 1.1</a>
	Echo3Ext20 1.7	<a href="#">GNU Lesser General Public License Version 3</a>
	echo3extras 3.1.0	<a href="#">Mozilla Public License Version 1.1</a>
	echo3filetransfer 3.0.3	<a href="#">Mozilla Public License Version 1.1</a>
	Echopoint 3.0.0-Snapshot	<a href="#">Mozilla Public License Version 1.1</a>
	FamFamFam Silk Icons 1.3	<a href="#">FAMFAMFAM Silk Icons</a>
	Tango Icon Theme 0.8.90	Public Domain

Retail Product	Component(s)	Licensing Information
Retail Demand Forecasting Cloud Service	Ant 1.10.5	<a href="#">Apache 2.0</a>
	Ant Contrib 1.0b3	<a href="#">Apache 1.1</a>
	Ant Installer 0.8.0	<a href="#">Apache 2.0</a>
	Boost 1.68.0	<a href="#">Boost</a>
	Commons Beansutils 1.9.3	<a href="#">Apache 2.0</a>
	Commons CLI 1.4	<a href="#">Apache 2.0</a>
	Commons Collections 4.1	<a href="#">Apache 2.0</a>
	Commons CSV 1.5	<a href="#">Apache 2.0</a>
	Commons Digester 3.2	<a href="#">Apache 2.0</a>
	Commons Lang 3.6	<a href="#">Apache 2.0</a>
	Commons Logging 1.2	<a href="#">Apache 2.0</a>
	Commons Text 1.1	<a href="#">Apache 2.0</a>
	Groovy 2.4.12	<a href="#">Apache 2.0</a>
	Incanto 0.2.4	<a href="#">Apache 2.0</a>
	Jackson Core 2.9.5	<a href="#">Apache 2.0</a>
	Jackson Databind 2.9.5	<a href="#">Apache 2.0</a>
	Jackson module-jaxb-annotations 2.9.5	<a href="#">Apache 2.0</a>
	JavaScript Extension Toolkit (JET) 5.1.0	<a href="#">JET</a>
	JDOM 2.0.6	<a href="#">JDOM</a>
	JSch 0.1.54	<a href="#">JSch</a>
	JUnit 4.12	<a href="#">Eclipse Public License - v 1.0</a>
	Knockout 3.4.0	<a href="#">MIT License</a>
	Netty 4.0.56	<a href="#">Apache 2.0</a>
	POI 3.17	<a href="#">Apache 2.0</a>
	TensorFlow 1.10.0	<a href="#">Apache 2.0</a>
	TinyXML-2 6.2.0	<a href="#">TinyXML</a>



## 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.

Retail Solution Unit	Product	Licensing Information
Store Operations	Xstore Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Xstore Office Cloud Service is a central web-based application used to administer corporate-based functions such as Oracle Retail Xstore Point-of-Service configuration setup and maintenance, file management for the Oracle Retail Xstore Suite, viewing the electronic journal, viewing store reports, monitoring Oracle Retail Xstore Point-of-Service versions in use at the store and register levels, and monitoring alerts.</p> <p>Oracle Retail Xstore Office Cloud Service provides for the facile management of the data and configurations that empower your associates. The user interface within Oracle Retail Xstore Office Cloud Service 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>

<b>Retail Solution Unit</b>	<b>Product</b>	<b>Licensing Information</b>
Store Operations	Xstore Office	<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</p> <p>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.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>A license to Oracle Retail Xstore ("Xstore") includes licenses to the WSDL files for Oracle Retail Order Broker, Oracle Retail Order Management System and Oracle Retail Customer Engagement. The license to the WSDL files provides the limited right to use the WSDL files and develop an integration between Xstore and Oracle Retail Order Broker, Oracle Retail Order Management System and/or Oracle Retail Customer Engagement for your internal business operations. Oracle retains all ownership and intellectual property rights to the WSDL files and your ownership of the integration is subject to Oracle's ownership. You may allow your third party system integrator to use the WSDL files and develop the integration for your internal business operations. Other than the foregoing, you agree the WSDL files are Oracle confidential information and you agree not to disclose, provide or give access to the WSDL files to any third party. Any other use is not included and requires a separate license from Oracle.</p>
Store Operations	EFT Link	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail EFTLink 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>In addition to providing the payment foundation for Xstore Point of Service, EFTLink is compatible with the new Oracle Retail Xstore Point of Service for Grocery, which also targets the convenience store market.</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	Enterprise Inventory Cloud Service	<b>Product Editions and Permitted Features</b> Oracle Retail Enterprise Inventory Cloud Service (EICS) serves as the services engine to streamline and integrate back-end processes. <b>Entitled Products and Restricted Use Licenses</b> NA
Store Operations	Store Operations Cloud Service	<b>Product Editions and Permitted Features</b> Oracle Retail Store Operations Cloud Service (SOCS) delivers a modern intuitive user interface to help drive associate efficiencies and workflows. <b>Entitled Products and Restricted Use Licenses</b> NA

## Open Source Software or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in the Retail Global Business Unit are identified in the following table along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or README files of the individual third party open source software.

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Xstore Cloud Service	Ant 1.10.3	<a href="#">Apache 2.0</a>
	Ant Installer beta 0.8	<a href="#">Apache 2.0</a>
	ANTLR 2.7.7	<a href="#">ANTLR</a>
	AOP Alliance 1.0.0	<a href="#">Public Domain</a>
	ASM 6.2	<a href="#">ASM</a>
	Bitstream Vera Fonts V1.10	<a href="#">Bitstream Vera Fonts</a>
	Byte Buddy 1.8.12	<a href="#">Apache 2.0</a>
	cglib 3.2.5	<a href="#">Apache 2.0</a>
	Classmate 1.4.0	<a href="#">Apache 2.0</a>
	Commons Beanutils 1.9.3	<a href="#">Apache 2.0</a>
	Commons Codec 1.11	<a href="#">Apache 2.0</a>
	Commons Collections 4.1	<a href="#">Apache 2.0</a>
	Commons Configuration 2.2	<a href="#">Apache 2.0</a>
	Commons CSV 1.5	<a href="#">Apache 2.0</a>
	Commons Digester 3.2	<a href="#">Apache 2.0</a>
	Commons FileUpload 1.3.3	<a href="#">Apache 2.0</a>
	Commons IO 2.6	<a href="#">Apache 2.0</a>
	Commons XPath 1.3	<a href="#">Apache 2.0</a>
	Commons Lang 3.7	<a href="#">Apache 2.0</a>
	Commons Logging 1.2	<a href="#">Apache 2.0</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Xstore Cloud Service Continued...	Commons Pool 2.5.0	<a href="#">Apache 2.0</a>
	Commons Text 1.4	<a href="#">Apache 2.0</a>
	Cordova CLI 8.0.0	<a href="#">Apache 2.0</a>
	Cordova Device Plugin 1.1.6	<a href="#">Apache 2.0</a>
	Cordova inappbrowser Plugin 3.0.0	<a href="#">Apache 2.0</a>
	Cordova ionic-plugin-keyboard 2.2.1	<a href="#">Apache 2.0</a>
	Cordova Whitelist Plugin 1.3.3	<a href="#">Apache 2.0</a>
	DJ Native Swing 1.0.2	<a href="#">GNU LGPL Version 2.1</a>
	DOM4J 2.1.0	<a href="#">DOM4J</a>
	Dozer 6.2.0	<a href="#">Apache 2.0</a>
	FamFamFam Silk Icons 1.3	<a href="#">FAMFAMFAM Silk Icons</a>
	FontBox 2.0.11	<a href="#">Apache 2.0</a>
	GIN-GWT INjection 2.1.2	<a href="#">Apache 2.0</a>
	Guava 25	<a href="#">Apache 2.0</a>
	Guice 4.2.0	<a href="#">Apache 2.0</a>
	Guice-assistedinject 4.2.0	<a href="#">Apache 2.0</a>
	GWT Drag and Drop Library 3.3.4	<a href="#">Apache 2.0</a>
	GWT Phonegap 3.5.0.1	<a href="#">Apache 2.0</a>
	GWT Traction 1.6.0	<a href="#">Apache 2.0</a>
	Hibernate Commons Annotations 5.0.4.Final	<a href="#">GNU LGPL Version 2.1</a>
	Hibernate ORM 5.3.0.Final	<a href="#">GNU LGPL Version 2.1</a>
	Hibernate Validator 6.11.0.Final	<a href="#">Apache 2.0</a>
	ICU4J 60.2	<a href="#">ICU4J</a>
	Jackson Annotations 2.9.6	<a href="#">Apache 2.0</a>
	Jackson Core 2.9.6	<a href="#">Apache 2.0</a>
	Jackson Databind 2.9.7	<a href="#">Apache 2.0</a>
	Jackson jaxrs-base 2.9.6	<a href="#">Apache 2.0</a>
	Jackson jaxrs-json-provider 2.9.6	<a href="#">Apache 2.0</a>
	Jackson module-jaxb-annotations 2.9.6	<a href="#">Apache 2.0</a>
	JavaPOS 1.14	<a href="#">JavaPOS</a>
	Javassist 3.22.0-GA	<a href="#">Apache 2.0</a>
	JBoss Logging 3.3.2.Final	<a href="#">Apache 2.0</a>
	JDOM 2.0.6	<a href="#">JDOM</a>
	JFreeChart 1.5.0	<a href="#">GNU LGPL Version 2.1</a>
	JNA 4.5.2	<a href="#">Apache 2.0</a>
	JSch 0.1.54	<a href="#">JSch</a>
	JSON Smart 1.3.1	<a href="#">Apache 2.0</a>



<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Xstore Cloud Service Continued...	Log4j 2.11.0	<a href="#">Apache 2.0</a>
	MGWT 2.0.0	<a href="#">Apache 2.0</a>
	MX4J 3.0.2	<a href="#">MX4J</a>
	Nimbus JOSE+JWT 5.9	<a href="#">Apache 2.0</a>
	OSGi Core Release 7 Companion Code 7.0.0	<a href="#">Apache 2.0</a>
	PDFBox 2.0.11	<a href="#">Apache 2.0</a>
	PNG Encoder 1.5	<a href="#">GNU LGPL Version 2.1</a>
	Prettify.css 4.0	<a href="#">Apache 2.0</a>
	Quartz Job Scheduler 2.3.0	<a href="#">Apache 2.0</a>
	RXTX Comm 2.1-7r2	<a href="#">RXTX Comm</a>
	SLF4J 1.7.25	<a href="#">SLF4J</a>
	Spring Framework 5.0.8	<a href="#">Apache 2.0</a>
	SpringWS Core 3.0.3	<a href="#">Apache 2.0</a>
	Spring XML 3.0.3.RELEASE	<a href="#">Apache 2.0</a>
	Stax2 API 4.1.0	<a href="#">Stax2 API</a>
	Trident Swing 7.3	<a href="#">Trident Swing</a>
	Velocity Engine 2.0	<a href="#">Apache 2.0</a>
	WoodStox XML Processor 5.1.0	<a href="#">Apache 2.0</a>
	XML Pull Parser 1.1.4c	<a href="#">xmlpull</a>
	XStream 1.4.10	<a href="#">XStream</a>
	ZXing 3.3.3	<a href="#">Apache 2.0</a>
Xstore Office	Ant 1.10.3	<a href="#">Apache 2.0</a>
	ANTLR 2.7.7	<a href="#">ANTLR</a>
	AOP Alliance 1.0.0	<a href="#">Public Domain</a>
	ASM 6.2	<a href="#">ASM</a>
	Bitstream Vera Fonts V1.10	<a href="#">Bitstream Vera Fonts</a>
	Byte Buddy 1.8.12	<a href="#">Apache 2.0</a>
	cglib 3.2.5	<a href="#">Apache 2.0</a>
	Classmate 1.4.0	<a href="#">Apache 2.0</a>
	Commons Beanutils 1.9.3	<a href="#">Apache 2.0</a>
	Commons Codec 1.11	<a href="#">Apache 2.0</a>
	Commons Collections 4.1	<a href="#">Apache 2.0</a>
	Commons Configuration 2.2	<a href="#">Apache 2.0</a>
	Commons CSV 1.5	<a href="#">Apache 2.0</a>
	Commons Digester 3.2	<a href="#">Apache 2.0</a>
	Commons FileUpload 1.3.3	<a href="#">Apache 2.0</a>
	Commons IO 2.6	<a href="#">Apache 2.0</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Xstore Office Continued...	Commons JXPath 1.3	<a href="#">Apache 2.0</a>
	Commons Lang 3.7	<a href="#">Apache 2.0</a>
	Commons Logging 1.2	<a href="#">Apache 2.0</a>
	Commons Pool 2.5.0	<a href="#">Apache 2.0</a>
	Commons Text 1.4	<a href="#">Apache 2.0</a>
	DOM4J 2.1.0	<a href="#">DOM4J</a>
	Dozer 6.2.0	<a href="#">Apache 2.0</a>
	FamFamFam Silk Icons 1.3	<a href="#">FAMFAMFAM Silk Icons</a>
	FontBox 2.0.11	<a href="#">Apache 2.0</a>
	GIN-GWT Injection 2.1.2	<a href="#">Apache 2.0</a>
	Google Web Toolkit SDK 2.8.2	<a href="#">Apache 2.0</a>
	Guava 25	<a href="#">Apache 2.0</a>
	Guice 4.2.0	<a href="#">Apache 2.0</a>
	Guice Assisted Inject 4.2.0	<a href="#">Apache 2.0</a>
	GWT Drag and Drop Library 3.3.4	<a href="#">Apache 2.0</a>
	GWT Traction 1.6.0	<a href="#">Apache 2.0</a>
	Hibernate Commons Annotations 5.0.4.Final	<a href="#">GNU LGPL Version 2.1</a>
	Hibernate ORM 5.3.0.Final	<a href="#">GNU LGPL Version 2.1</a>
	Hibernate Validator 6.11.0.Final	<a href="#">Apache 2.0</a>
	ICU4J 60.2	<a href="#">ICU4J</a>
	Jackson Annotations 2.9.6	<a href="#">Apache 2.0</a>
	Jackson Core 2.9.6	<a href="#">Apache 2.0</a>
	Jackson Databind 2.9.7	<a href="#">Apache 2.0</a>
	Jackson jaxrs-base 2.9.6	<a href="#">Apache 2.0</a>
	Jackson jaxrs-json-provider 2.9.6	<a href="#">Apache 2.0</a>
	Jackson module-jaxb-annotations 2.9.6	<a href="#">Apache 2.0</a>
	JavaPOS 1.14	<a href="#">JavaPOS</a>
	Javassist 3.22.0-GA	<a href="#">Apache 2.0</a>
	JBoss Logging 3.3.2.Final	<a href="#">Apache 2.0</a>
	JDOM 2.0.6	<a href="#">JDOM</a>
	Jetty 9.4.11.v20180605	<a href="#">Jetty</a>
	JFreeChart 1.5.0	<a href="#">GNU LGPL Version 2.1</a>
	JNA 4.5.2	<a href="#">Apache 2.0</a>
	JSch 0.1.54	<a href="#">JSch</a>
	Log4j 2.11.0	<a href="#">Apache 2.0</a>
	MGWT 2.0.0	<a href="#">Apache 2.0</a>
	MX4J 3.0.2	<a href="#">MX4J</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Xstore Office Continued...	OSGi Core Release 7 Companion Code 7.0.0	<a href="#">Apache 2.0</a>
	PDFBox 2.0.11	<a href="#">Apache 2.0</a>
	Prettify.css 4.0	<a href="#">Apache 2.0</a>
	Quartz Job Scheduler 2.3.0	<a href="#">Apache 2.0</a>
	SLF4J 1.7.25	<a href="#">SLF4J</a>
	Spring Framework 5.0.8	<a href="#">Apache 2.0</a>
	SpringWS Core 3.0.3	<a href="#">Apache 2.0</a>
	Spring XML 3.0.3.RELEASE	<a href="#">Apache 2.0</a>
	STAX2 API 4.1.0	<a href="#">Stax2 API</a>
	Tomcat 9.0.10	<a href="#">Apache 2.0</a>
	Velocity Engine 2.0	<a href="#">Apache 2.0</a>
	WoodStox XML Processor 5.1.0	<a href="#">Apache 2.0</a>
	XML Pull Parser 1.1.4c	<a href="#">xmlpull</a>
	XStream 1.4.10	<a href="#">XStream</a>
	ZXing 3.3.3	<a href="#">Apache 2.0</a>
Xstore Point-of-Serv ice	Ant 1.10.3	<a href="#">Apache 2.0</a>
	AntInstaller beta 0.8	<a href="#">Apache 2.0</a>
	ANTLR 2.7.7	<a href="#">ANTLR</a>
	AOP Alliance 1.0.0	<a href="#">Public Domain</a>
	ASM 6.2	<a href="#">ASM</a>
	Bitstream Vera Fonts 1.10	<a href="#">Batik</a>
	Byte Buddy 1.8.12	<a href="#">Apache 2.0</a>
	Commons Beanutils 1.9.3	<a href="#">Apache 2.0</a>
	Commons Codec 1.11	<a href="#">Apache 2.0</a>
	Commons Collections 4.1	<a href="#">Apache 2.0</a>
	Commons Configuration 2.2	<a href="#">Apache 2.0</a>
	Commons CSV 1.5	<a href="#">Apache 2.0</a>
	Commons Digester 3.2	<a href="#">Apache 2.0</a>
	Commons IO 2.6	<a href="#">Apache 2.0</a>
	Commons JXPath 1.3	<a href="#">Apache 2.0</a>
	Commons Lang 3.7	<a href="#">Apache 2.0</a>
	Commons Logging 1.2	<a href="#">Apache 2.0</a>
	Commons Pool 2.5.0	<a href="#">Apache 2.0</a>
	Commons Text 1.4	<a href="#">Apache 2.0</a>
	Cordova CLI 8.0.0	<a href="#">Apache 2.0</a>
	Cordova Device Plugin 1.1.6	<a href="#">Apache 2.0</a>
	Cordova inappbrowser Plugin 3.0.0	<a href="#">Apache 2.0</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Xstore Point-of-Service <b>Continued...</b>	Cordova ionic-plugin-keyboard 2.2.1	<a href="#">Apache 2.0</a>
	Cordova plugin-splashscreen 5.0.2	<a href="#">Apache 2.0</a>
	Cordova Root Detection Plugin 0.1.1	<a href="#">MIT License</a>
	Cordova Whitelist Plugin 1.3.3	<a href="#">Apache 2.0</a>
	DJ Native Swing 1.0.2	<a href="#">GNU LGPL Version 2.1</a>
	DOM4J 2.1.0	<a href="#">DOM4J</a>
	Dozer 6.2.0	<a href="#">Apache 2.0</a>
	FamFamFam Silk Icons 1.3	<a href="#">FAMFAMFAM Silk Icons</a>
	FontBox 2.0.11	<a href="#">Apache 2.0</a>
	GIN-GWT INjection 2.1.2	<a href="#">Apache 2.0</a>
	Guava 25	<a href="#">Apache 2.0</a>
	Guice 4.2.0	<a href="#">Apache 2.0</a>
	Guice-assistedinject 4.2.0	<a href="#">Apache 2.0</a>
	GWT Drag and Drop Library 3.3.4	<a href="#">Apache 2.0</a>
	GWT Traction 1.6.0	<a href="#">Apache 2.0</a>
	GWT Phonegap 3.5.0.1	<a href="#">Apache 2.0</a>
	Hibernate Commons Annotations 5.0.4.Final	<a href="#">GNU LGPL Version 2.1</a>
	ICU4J 60.2	<a href="#">ICU4J</a>
	Jackson Annotations 2.9.6	<a href="#">Apache 2.0</a>
	Jackson Core 2.9.6	<a href="#">Apache 2.0</a>
	Jackson Databind 2.9.7	<a href="#">Apache 2.0</a>
	Jackson jaxrs-base 2.9.6	<a href="#">Apache 2.0</a>
	Jackson jaxrs-json-provider 2.9.6	<a href="#">Apache 2.0</a>
	Jackson module-jaxb-annotations 2.9.6	<a href="#">Apache 2.0</a>
	JavaPOS 1.14	<a href="#">JavaPOS</a>
	Javassist 3.22.0-GA	<a href="#">Apache 2.0</a>
	JBars 2-9-2006	<a href="#">Mozilla Public License Version 1.1</a>
	JBoss Logging 3.3.2.Final	<a href="#">Apache 2.0</a>
	JDOM 2.0.6	<a href="#">JDOM</a>
	Jetty 9.4.11.v20180605	<a href="#">Jetty</a>
	JFreeChart 1.5.0	<a href="#">GNU LGPL Version 2.1</a>
	JNA 4.5.2	<a href="#">Apache 2.0</a>
	Log4j 2.11.0	<a href="#">Apache 2.0</a>
	MGWT 2.0.0	<a href="#">Apache 2.0</a>
	MX4J 3.0.2	<a href="#">MX4J</a>
	OSGi Core Release 7 Companion Code 7.0.0	<a href="#">Apache 2.0</a>
	PDFBox 2.0.11	<a href="#">Apache 2.0</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Xstore Point-of-Service <b>Continued...</b>	PNG Encoder 1.5	<a href="#">GNU LGPL Version 2.1</a>
	Quartz Job Scheduler 2.3.0	<a href="#">Apache 2.0</a>
	RXTX Comm 2.1-7r2	<a href="#">RXTX Comm</a>
	SLF4J 1.7.25	<a href="#">SLF4J</a>
	Spring Framework 5.0.8	<a href="#">Apache 2.0</a>
	SpringWS Core 3.0.3	<a href="#">Apache 2.0</a>
	Stax2 API 4.1.0	<a href="#">Stax2 API</a>
	Trident Swing 7.3	<a href="#">Trident Swing</a>
	Velocity Engine 2.0	<a href="#">Apache 2.0</a>
	WoodStox XML Processor 5.1.0	<a href="#">Apache 2.0</a>
	XML Pull Parser 1.1.4c	<a href="#">xmlpull</a>
	XStream 1.4.10	<a href="#">XStream</a>
	ZXing 3.3.3	<a href="#">Apache 2.0</a>
EFT Link	JDOM 2.0.6	<a href="#">JDOM</a>
	Log4j 2.11.0	<a href="#">Apache 2.0</a>
	RXTXcomm.jar 2.1-7r2	<a href="#">GNU LGPL Version 2.1</a>
Enterprise Inventory Cloud Service	Ant 1.10.6	<a href="#">Apache 2.0</a>
	Ant Contrib 1.0b3	<a href="#">Apache 1.1</a>
	Commons CLI 1.4	<a href="#">Apache 2.0</a>
	Commons Logging 1.2	<a href="#">Apache 2.0</a>
	Groovy 2.4.15	<a href="#">Apache 2.0</a>
	Javascript Extension Toolkit (JET) 6.2.0	<a href="#">JET</a>
	JSZip 3.1.5	<a href="#">GNU Lesser General Public License Version 3</a> <a href="#">MIT License</a>
	Lodash 4.17.11	<a href="#">MIT License</a>
	Logback 1.2.3	<a href="#">Eclipse Public License - v 1.0</a> <a href="#">GNU LGPL Version 2.1</a>
	Math.js 5.1.0	<a href="#">Apache 2.0</a>
	Moment.js 2.22.2	<a href="#">MIT License</a>
	Node-TimSort 0.3.0	<a href="#">MIT License</a>
	SLF4J 1.7.26	<a href="#">MIT License</a>
Store Operations Cloud Service	Cordova Device Plugin 2.0.2	<a href="#">Apache 2.0</a>
	Cordova Plugin File 6.0.1	<a href="#">Apache 2.0</a>



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## Omnichannel Commerce Licensing Information

This chapter provides the following licensing information for Omnichannel Commerce.

- 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.

<b>Retail Solution Unit</b>	<b>Product</b>	<b>Licensing Information</b>
Omnichannel Commerce	Customer Engagement	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Customer Engagement is a comprehensive, web-based, direct-marketing application designed for today's fast-paced retail environment, and consists of the following services:</p> <ul style="list-style-type: none"> <li>■ Customer Management and Segmentation Foundation: 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>■ Campaign and Deal Management: 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>■ Loyalty and Awards: 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>■ Gift Cards: 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><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>
Omnichannel Commerce	Customer Engagement Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Oracle Retail Customer Engagement Cloud Service is a comprehensive, web-based, direct-marketing application designed for today's fast-paced retail environment, and consists of the following services:</p> <ul style="list-style-type: none"> <li>■ Customer Management and Segmentation Foundation: 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>■ Campaign and Deal Management: 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>■ Loyalty and Awards: 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>■ Gift Cards: 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><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>



<b>Retail Solution Unit</b>	<b>Product</b>	<b>Licensing Information</b>
Omnichannel Commerce	Order Broker	<p><b>Product Editions and Permitted Features</b></p> <p>Order Broker 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>
Omnichannel Commerce	Order Broker Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>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> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>
Omnichannel Commerce	Order Management System	<p><b>Product Editions and Permitted Features</b></p> <p>Order Management System 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> <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>
Omnichannel Commerce	Order Management System Cloud Service	<p><b>Product Editions and Permitted Features</b></p> <p>Order Management System 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> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>NA</p>

## Open Source Software or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in the Retail Global Business Unit are identified in the following table along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or README files of the individual third party open source software.

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Customer Engagement	AOP Alliance 1.0	<a href="#">AOP Alliance</a>
	Beanshell 2.0b6	<a href="#">Apache 2.0</a>
	CDI API 2.0.1	<a href="#">Apache 2.0</a>
	Combinatoricslib 2.2	<a href="#">GNU Lesser General Public License Version 3</a>
	Commons BeanUtils 1.9.3	<a href="#">Apache 2.0</a>
	Commons Codec 1.12	<a href="#">Apache 2.0</a>
	Commons Collections 4.3	<a href="#">Apache 2.0</a>
	Commons FileUpload 1.4	<a href="#">Apache 2.0</a>
	Commons IO 2.6	<a href="#">Apache 2.0</a>
	Commons Lang 3.9	<a href="#">Apache 2.0</a>
	CSRF Guard 3.1	<a href="#">CSRF Guard</a>
	Dozer 6.5.0	<a href="#">Apache 2.0</a>
	Ehcache 2.10.6	<a href="#">Apache 2.0</a>
	FreeMarker 2.3.28	<a href="#">Apache 2.0</a>
	GIN-GWT Injection 2.1.2	<a href="#">Apache 2.0</a>
	GWT SDK 2.8.2	<a href="#">Apache 2.0</a>
	Guava 27.1	<a href="#">Apache 2.0</a>
	Guice 4.1	<a href="#">Apache 2.0</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Customer Engagement Continued...	Hibernate ORM 5.4.2.Final	<a href="#">GNU LGPL Version 2.1</a>
	HttpComponents HttpClient 4.5.9	<a href="#">Apache 2.0</a>
	HttpCore 4.4.11	<a href="#">Apache 2.0</a>
	Jackson Annotations 2.9.9	<a href="#">Apache 2.0</a>
	Jackson Core 2.9.9	<a href="#">Apache 2.0</a>
	Jackson Databind 2.9.10	<a href="#">Apache 2.0</a>
	Jackson-jaxrs-json-provider 2.9.9	<a href="#">Apache 2.0</a>
	JavaScript Extension Toolkit (JET) 7.0.1	<a href="#">JET</a>
	JCache Reference Implementation 1.1.1	<a href="#">Apache 2.0</a>
	JCL Core 2.8	<a href="#">GNU Lesser General Public License Version 3</a>
	JFreeChart 1.5.0	<a href="#">GNU LGPL Version 2.1</a>
	JSch 0.1.55	<a href="#">JSch</a>
	jsoup 1.12.1	<a href="#">MIT License</a>
	Objenesis 3.0.1	<a href="#">Apache 2.0</a>
	OpenCSV 4.6	<a href="#">Apache 2.0</a>
	PDFBox 2.0.16	<a href="#">Apache 2.0</a>
	Quartz Job Scheduler 2.3.1	<a href="#">Apache 2.0</a>
	Reflections 0.9.11	<a href="#">Reflections</a>
	RestFB 2.23.1	<a href="#">MIT License</a>
	SLF4J 1.7.26	<a href="#">SLF4J</a>
	Spring Framework 5.1.9	<a href="#">Apache 2.0</a>
	Twitter4j 4.0.7	<a href="#">Apache 2.0</a>
Customer Engagement Cloud Service	Beanshell 2.0b6	<a href="#">Apache 2.0</a>
	CDI API 2.0.2	<a href="#">Apache 2.0</a>
	Combinatoricslib 2.2	<a href="#">GNU Lesser General Public License Version 3</a>
	Commons BeanUtils 1.9.4	<a href="#">Apache 2.0</a>
	Commons Codec 1.12	<a href="#">Apache 2.0</a>
	Commons Collections 4.3	<a href="#">Apache 2.0</a>
	Commons FileUpload 1.4	<a href="#">Apache 2.0</a>
	Commons IO 2.6	<a href="#">Apache 2.0</a>
	Commons Lang 3.9	<a href="#">Apache 2.0</a>
	CSRF Guard 3.1	<a href="#">CSRF Guard</a>
	Dozer 6.5.0	<a href="#">Apache 2.0</a>
	Ehcache 2.10.6	<a href="#">Apache 2.0</a>
	FreeMarker 2.3.29	<a href="#">Apache 2.0</a>
	GIN-GWT Injection 2.1.2	<a href="#">Apache 2.0</a>
	GSON 2.8.5	<a href="#">Apache 2.0</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Customer Engagement Cloud Service <b>Continued...</b>	GWT SDK 2.8.2	<a href="#">Apache 2.0</a>
	Guava 27.1	<a href="#">Apache 2.0</a>
	Guice 4.1	<a href="#">Apache 2.0</a>
	Hibernate ORM 5.4.2.Final	<a href="#">GNU LGPL Version 2.1</a>
	HttpComponents HttpClient 4.5.9	<a href="#">Apache 2.0</a>
	HttpCore 4.4.11	<a href="#">Apache 2.0</a>
	Jackson Databind 2.10.2	<a href="#">Apache 2.0</a>
	Jackson-jaxrs-json-provider 2.10.2	<a href="#">Apache 2.0</a>
	JavaScript Extension Toolkit (JET) 7.0.1	<a href="#">JET</a>
	JCache Reference Implementation 1.1.1	<a href="#">Apache 2.0</a>
	JCL Core 2.8	<a href="#">GNU Lesser General Public License Version 3</a>
	JFreeChart 1.5.0	<a href="#">GNU LGPL Version 2.1</a>
	JSch 0.1.55	<a href="#">JSch</a>
	jsoup 1.12.1	<a href="#">MIT License</a>
	Objenesis 3.0.1	<a href="#">Apache 2.0</a>
	OpenCSV 4.6	<a href="#">Apache 2.0</a>
	PDFBox 2.0.16	<a href="#">Apache 2.0</a>
	Quartz Job Scheduler 2.3.2	<a href="#">Apache 2.0</a>
	Reflections 0.9.11	<a href="#">Reflections</a>
	RestFB 2.23.1	<a href="#">MIT License</a>
	SLF4J 1.7.26	<a href="#">SLF4J</a>
	Spring Framework 5.2.3.Release	<a href="#">Apache 2.0</a>
	Twitter4j 4.0.7	<a href="#">Apache 2.0</a>
Order Broker	Axis 1.4.1	<a href="#">Apache 2.0</a>
	btm 2.1.3	<a href="#">GNU Lesser General Public License Version 3</a>
	Commons Codec 1.11	<a href="#">Apache 2.0</a>
	Commons DBCP 2.5.0	<a href="#">Apache 2.0</a>
	Commons Discovery 0.5	<a href="#">Apache 2.0</a>
	Commons FileUpload 1.3.3	<a href="#">Apache 2.0</a>
	Commons IO 2.6	<a href="#">Apache 2.0</a>
	Commons Lang3 3.8	<a href="#">Apache 2.0</a>
	Commons Logging 1.2	<a href="#">Apache 2.0</a>
	DOM4J 2.1.1	<a href="#">DOM4J</a>
	Freemarker 2.3.28	<a href="#">Apache 2.0</a>
	GChart 2.7	<a href="#">Apache 2.0</a>
	Google Web Toolkit SDK 2.8.2	<a href="#">Apache 2.0</a>
	GSON 2.8.5	<a href="#">Apache 2.0</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Order Broker Continued...	Hibernate Commons Annotations 5.0.5	<a href="#">GNU LGPL Version 2.1</a>
	Hibernate JMX Final 3.5.6	<a href="#">GNU LGPL Version 2.1</a>
	Hibernate JPA 1.0.2.Final	<a href="#">Eclipse Public License - v 1.0</a>
	Hibernate ORM 5.2.17	<a href="#">GNU LGPL Version 2.1</a>
	Hibernate Validator 6.0.13.Final	<a href="#">Apache 2.0</a>
	HttpComponents HttpClient 4.5.6	<a href="#">Apache 2.0</a>
	HttpCore 4.4.9	<a href="#">Apache 2.0</a>
	Javassist 3.22.0-GA	<a href="#">Apache 2.0</a>
	Jaxen 1.2.0	<a href="#">Jaxen</a>
	Joda-time 2.10	<a href="#">Apache 2.0</a>
	JSch 0.1.54	<a href="#">JSch</a>
	Log4j 2.11.0	<a href="#">Apache 2.0</a>
	OpenCSV 4.2	<a href="#">Apache 2.0</a>
	POJOXML 1.0	<a href="#">Apache 2.0</a>
	Quartz Job Schedule 2.3.0	<a href="#">Apache 2.0</a>
	SLF4J 1.7.25	<a href="#">SLF4J</a>
	SmartGWT 4.0	<a href="#">GNU Lesser General Public License Version 3</a>
	StringTemplate 4.0.8	<a href="#">BSD License</a>
Order Broker Cloud Service	Commons Codec 1.12	<a href="#">Apache 2.0</a>
	Commons DBCP 2.6.0	<a href="#">Apache 2.0</a>
	Commons FileUpload 1.4	<a href="#">Apache 2.0</a>
	Commons IO 2.6	<a href="#">Apache 2.0</a>
	Commons Lang3 3.8.1	<a href="#">Apache 2.0</a>
	Commons Logging 1.2-0548efb	<a href="#">Apache 2.0</a>
	DOM4J 2.1.1	<a href="#">DOM4J</a>
	Freemarker 2.3.28	<a href="#">Apache 2.0</a>
	GChart 2.7	<a href="#">Apache 2.0</a>
	Google Web Toolkit SDK 2.8.2	<a href="#">Apache 2.0</a>
	GSON 2.8.5	<a href="#">Apache 2.0</a>
	Hibernate Commons Annotations 5.0.5	<a href="#">GNU LGPL Version 2.1</a>
	Hibernate JPA 1.0.2.Final	<a href="#">Eclipse Public License - v 1.0</a>
	Hibernate ORM 5.2.17	<a href="#">GNU LGPL Version 2.1</a>
	Hibernate Validator 6.0.17.Final	<a href="#">Apache 2.0</a>
	HttpComponents HttpClient 4.5.8	<a href="#">Apache 2.0</a>
	HttpCore 4.4.11	<a href="#">Apache 2.0</a>
	Javassist 3.22.0-GA	<a href="#">Apache 2.0</a>
	Jaxen 1.2.0	<a href="#">Jaxen</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Order Broker Cloud Service <b>Continued...</b>	Joda-time 2.10.2	<a href="#">Apache 2.0</a>
	Log4j 2.11.2	<a href="#">Apache 2.0</a>
	OpenCSV 4.6	<a href="#">Apache 2.0</a>
	Quartz Job Schedule 2.3.1	<a href="#">Apache 2.0</a>
	SLF4J 1.7.26	<a href="#">SLF4J</a>
	SmartGWT 4.0	<a href="#">GNU Lesser General Public License Version 3</a>
	StringTemplate 4.1	<a href="#">BSD License</a>
Order Management System	Avalon Framework 4.3.1	<a href="#">Apache 2.0</a>
	Axis 1.4.1	<a href="#">Apache Axis</a>
	Batik 1.9.1	<a href="#">Batik</a>
	btm 2.1.4	<a href="#">Apache 2.0</a> <a href="#">GNU Lesser General Public License Version 3</a>
	Caching Runtime Support 4.1.1	<a href="#">Caching Runtime Support</a>
	CJKUnifonts 0.2.20080216.1-53	<a href="#">CJKUnifonts</a>
	Commons Codec 1.10	<a href="#">Apache Commons Codec</a>
	Commons Discovery-0.2 0.5	<a href="#">Apache 1.1</a>
	Commons FileUpload 1.2.2	<a href="#">Apache 2.0</a>
	Commons Lang 2.3 (3.9 - Only for 18.2, 18.3)	<a href="#">Apache 2.0</a>
	Commons Logging 1.2	<a href="#">Apache 2.0</a>
	Commons Net 1.4.1 (3.6 - Only for 18.2, 18.3)	<a href="#">Apache 2.0</a>
	Commons Text 1.6 (Only for 18.2, 18.3)	<a href="#">Apache 2.0</a>
	Dom4j 1.6.1	<a href="#">DOM4J</a>
	Ehcache 2.10.5	<a href="#">Ehcache</a>
	Filebeat 6.3.0	<a href="#">Apache 2.0</a>
	FontBox 2.0.11	<a href="#">Apache 2.0</a>
	FOP 2.2	<a href="#">Apache 2.0</a>
	FreeMarker 2.3.28	<a href="#">Apache 2.0</a>
	Google Web Toolkit SDK 2.8.2	<a href="#">Apache 2.0</a>
	GSON 2.8.2	<a href="#">Apache 2.0</a>
	Hibernate ORM 5.2.9	<a href="#">GNU LGPL Version 2.1</a>
	HttpComponents HttpClient 4.5.6	<a href="#">Apache 2.0</a>
	HttpCore 4.4.10	<a href="#">Apache 2.0</a>
	isomorphic_applets.jar 4.0	<a href="#">GNU Lesser General Public License Version 3</a>
	Jakarta Commons HttpClient 3.0.1	<a href="#">Apache Jakarta Commons HTTPClient</a>
	JavaScript Extension Toolkit (JET) 4.2.0	<a href="#">JET</a>
	Jaxen 1.1.6	<a href="#">Jaxen</a>
	JDOM 1.1.3	<a href="#">JDOM</a>

<b>Retail Product</b>	<b>Component(s)</b>	<b>Licensing Information</b>
Order Management System Continued...	JSch 0.1.54	<a href="#">JSch</a>
	JSON simple 1.1.1	<a href="#">JSON simple</a>
	Log4j 2.11.1	<a href="#">Log4j</a>
	Quartz 1.5.2	<a href="#">Apache 2.0</a>
	SOAP 2.3.1	<a href="#">Apache Soap</a>
	SLF4J 1.7.25	<a href="#">SLF4J</a>
	SmartGWT 4.0	<a href="#">GNU Lesser General Public License Version 3</a>
	SmartGWT Skins 4.0	<a href="#">GNU Lesser General Public License Version 3</a>
	wz_jsgraphics.js 3.0.5	<a href="#">wz_jsgraphics</a>
	Xalan 2.7.2	<a href="#">Apache 2.0</a>
	Xerces - Java 2.12.0	<a href="#">Apache 2.0</a>
	xml-apis 1.3.04	<a href="#">Apache 2.0</a>
	xmllpull 1.1.3.1	<a href="#">xmllpull</a>
	xpp3 1.1.4.c	<a href="#">xpp3</a>
	XStream 1.4.10	<a href="#">XStream</a>
Order Management System Cloud Service	Caching Runtime Support 4.1.1	<a href="#">Caching Runtime Support</a>
	CJKUnifonts 0.2.20080216.1-53	<a href="#">CJKUnifonts</a>
	Commons Beans Utils 1.93	<a href="#">Apache 2.0</a>
	Commons FileUpload 1.2.2	<a href="#">Apache 2.0</a>
	Commons Lang 2.3 (3.9 - Only for 18.2, 18.3)	<a href="#">Apache 2.0</a>
	Commons Net 1.4.1 (3.6 - Only for 18.2, 18.3)	<a href="#">Apache 2.0</a>
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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

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(b) Contributor APIs

IF CONTRIBUTOR'S MODIFICATIONS INCLUDE AN APPLICATION PROGRAMMING INTERFACE AND CONTRIBUTOR HAS KNOWLEDGE OF PATENT LICENSES WHICH ARE REASONABLY NECESSARY TO IMPLEMENT THAT API, CONTRIBUTOR MUST ALSO INCLUDE THIS INFORMATION IN THE LEGAL FILE.

(c) Representations.

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## CJKUNifonts

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COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)Version 1.1

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Silk icon set 1.3

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Mark James

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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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ASM version 3.1

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org.ow2.asm:asm-commons

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Apache version 1.2.5

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
 org.apache.taglibs:taglibs-standard-impl

-----

MortBay version 8.5.24.2

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
 org.apache.tomcat:tomcat-jasper  
 org.apache.tomcat:tomcat-juli  
 org.apache.tomcat:tomcat-jsp-api  
 org.apache.tomcat:tomcat-el-api  
 org.apache.tomcat:tomcat-jasper-el  
 org.apache.tomcat:tomcat-api  
 org.apache.tomcat:tomcat-util-scan  
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
 org.apache.tomcat:tomcat-jasper-el  
 org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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```
/*!
 * jQuery JavaScript Library v2.1.3
 * http://jquery.com/
 *
 * Includes Sizzle.js
 * http://sizzlejs.com/
 *
 * Copyright 2005, 2014 jQuery Foundation, Inc. and other contributors
 * Released under the MIT license
 * http://jquery.org/license
 *
 * Date: 2014-12-18T15:11Z
 */
```

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Written by: Philip Hazel  
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## Definitions

"Application Archive" refers to the MAF Foundation mobile application archive, which is an Oracle proprietary mobile application deployment format that can only be used with Oracle supported development tools. It is not related to or based on any non-Oracle application archive format, including iOS application archives.

"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.
Make modifications to an Application Archive as specified, except as listed in Table 2 below	<p>The following modifications to Application Archives are allowed. For details of how to work with MAF Foundation Application Archives, consult the Mobile Application Framework Developer Guide.</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.

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.

## Reflections

reflections 0.9.11

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google guava 20 (upgraded to v26)

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javassist 3.21.0-GA

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