

Oracle Banking APIs

Licensing Guide

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Licensing Guide

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Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway

Goregaon (East)

Mumbai, Maharashtra 400 063

India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

www.oracle.com/financialservices/

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1. Preface

The Licensing Guide provides the complete list of Oracle Banking APIs licensed products and the Third-Party licenses included with the license. It provides the product-wise licensing options and rules in terms of prerequisite licenses and the included features and license components.

If you have a question about your licensing needs, please contact your Oracle sales representative or contact the License Management Services representative listed at this URL: <http://www.oracle.com/us/corporate/license-management-services/index.html>.

This preface contains the following topics:

- Audience
- Documentation Accessibility
- Organization of the Guide
- Related Documents
- Conventions

1.1 Audience

This guide is intended for all purchasers of Oracle Banking APIs.

1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=accandid=docacc>.

1.3 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=accandid=info> or visit

http://www.oracle.com/pls/topic/lookup?ctx=accandid=trs_if if you are hearing impaired.

1.4 Organization of the Guide

This document contains:

Chapter 2 "Overview"

This chapter provides an overview of Oracle Banking APIs Licensing and Third-Party Licenses.

Chapter 3 "Oracle Banking APIs Licensing"

This chapter covers the licensing information for Oracle Banking APIs Licensing.

Chapter 4 "Third-Party Licenses"

This chapter covers the licensing and copyright information of third-party products included with the Oracle Banking APIs licensed software.

1.5 Related Documents

For more information, see the following documentation:

- For installation and configuration information, refer the Oracle Banking APIs Installation Guide
- For a comprehensive overview of security for Oracle Banking APIs, refer the Oracle Banking APIs Security Guide
- For information on the functionality and features of the Oracle Banking APIs product licenses, refer the respective Oracle Banking APIs User Manual documents

1.6 Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

2. Overview

This chapter presents an overview of the licensing details of Oracle Banking APIs and its associated third-party products.

2.1 Oracle Banking APIs Licensing

The "Oracle Banking APIs Licensing" describes the Oracle Banking licensing details including:

- Separately licensed prerequisite products
- Components and Features included
- Restricted use licensing
- General licensing information

2.2 Third-Party Licenses

The "Third-Party Licenses" includes licensing and copyright information for third-party products included with the Oracle Banking APIs licensed software. For more information refer [Chapter 4 Third-Party Licenses](#).

[Home](#)

3. Oracle Banking APIs Licensing

This chapter covers licensing information for Oracle Banking APIs.

3.1 Oracle Banking APIs Infrastructure

This section presents the licensing information of Oracle Banking APIs Infrastructure.

3.1.1 Oracle Banking APIs Infrastructure

The Oracle Banking APIs Infrastructure provides the framework and infrastructure components of the omni channel Banking APIs platform. It includes capabilities that enable users of the financial institution to configure and manage the application.

The Oracle Banking APIs Infrastructure allows the bank to build applications using the APIs, collaborate with third party providers or offer banking as a service. Oracle Banking APIs enables the bank customers to access the banking services through any access point which has been built on top of the APIs exposed by Oracle Banking APIs

Oracle Banking APIs also provides you with user interfaces for administrator capabilities for various set ups and maintenances offered by the application.

The User Interface for Oracle Banking APIs suite also provides you with following

- UI code for implementing responsive web design using Oracle JavaScript Extension Toolkit (JET). You will be free to modify the UI as per your requirements, however the support will be provided for the UI shipped out of the box
- Reference code for consuming Oracle Banking APIs.

3.1.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Database Enterprise Edition
- Oracle Weblogic Server Standard Edition or Oracle Weblogic Server Enterprise Edition or Oracle Weblogic Suite for Oracle Applications

3.1.1.2 Restricted Use Licensing

Oracle Banking APIs Infrastructure product contains all or portions of the following Oracle products:

Product or Component	Available Features
Oracle JavaScript Extension Toolkit (JET) 6.2	UI (User Interface) framework Note that Oracle JavaScript Extension Toolkit (JET) 6.2 shall be used only for building and modifying UI (User Interface) provided within Oracle Banking APIs for administrators capabilities. It shall not be used for building UI (User Interface) for applications outside Oracle Banking APIs.

3.1.1.3 General Licensing Information

Banking APIs Infrastructure is licensed on the basis of instance matrix. One instance of Banking APIs Infrastructure should be licensed for running Live, DR, UAT or Sandbox environments.

3.2 Oracle Banking APIs Development Kit

This section presents licensing information for Oracle Banking APIs Development Kit.

3.2.1 Oracle Banking APIs Development Kit

The Oracle Banking APIs for Development Kit enables the banks to create new APIs and repurpose backend product processor APIs as Open API.

3.2.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking APIs Infrastructure

3.2.1.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking APIs Development Kit.

Licensed Program	Features / Component Included with License
Oracle Banking APIs Development Kit	<ul style="list-style-type: none"> • Create new APIs • Repurpose backend product processor APIs as Open API.

3.2.1.3 Restricted Use Licensing

Oracle Banking APIs Development Kit contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

3.2.1.4 General Licensing Information

Oracle Banking APIs for Development Kit can be licensed with API calls Application User.

3.3 Oracle Banking APIs for Retail Banking

This section presents licensing information for Oracle Banking APIs for Retail Banking.

3.3.1 Oracle Banking APIs for Retail Banking

The Oracle Banking APIs for Retail Banking enables the financial institutes to expose APIs for retail banking products and services for integrating with various application built for Retail customers of the financial institution

The Oracle Banking APIs Retail Banking includes APIs for functions listed below-

- Account Inquiries
- Customer services
- Customer Inquiries
- Credit Cards
- Loans
- Term Deposits
- Payee Maintenance
- Fund Transfers to
 - Own Accounts
 - Domestic Accounts
 - International Accounts
- Peer to Peer Payments
- Merchant Payments
- Bill Payments
- APIs for Helpdesk User

In order to process the above functionalities, if there is any infrastructure API called viz limits, account/transaction access/entitlements, 2FA etc. then that API call will be measured as part of this SKU.

3.3.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking APIs Infrastructure

3.3.1.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking APIs Retail Banking.

Licensed Program	Features / Component Included with License
------------------	--

Licensed Program	Features / Component Included with License
Oracle Banking APIs Retail Banking	<ul style="list-style-type: none"> • Account Inquiries • Customer services • Customer Inquiries • Credit Cards • Loans • Term Deposits. • Payee Maintenance • Fund Transfers to <ul style="list-style-type: none"> ○ Own Accounts ○ Domestic Accounts ○ International Accounts • Peer to Peer Payments • Merchant Payments • Bill Payments • APIs for Helpdesk User

3.3.1.3 Restricted Use Licensing

Oracle Banking APIs Retail Banking product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

3.3.1.4 General Licensing Information

Oracle Banking APIs for Retail Banking can be licensed with API calls metric.

3.4 Oracle Banking APIs Customer Financial Insights

This chapter includes licensing information for Oracle Banking APIs Customer Financial Insights Applications.

3.4.1 Oracle Banking APIs Customer Financial Insights

The Oracle Banking APIs for Customer Financial Insights enables the financial institution to expose APIs of Personal Financial products and services for integrating with various application built for Retail customers of the financial institution. It also supports Aggregation Services that enables the banks to provide aggregated view to the customers for accounts maintained across banks. The capability enables retail users of the bank to link their external banks accounts with their subscriber id. The Bank fetches the external bank accounts information using the public APIs published by external banks.

The Oracle Banking APIs Customer Financial Insights includes functionalities listed below-

- Personal Finance Management
 - Creation of Personal Financial goals
 - Managing of Personal Financial goals
 - Spending Analysis
 - Budget Maintenance
- Aggregation Services
 - Aggregated view of customer's accounts across banks

In order to process the above functionalities, if there is any infrastructure API called viz limits, account/transaction access/entitlements, 2FA then that API call will be measured as part of this SKU.

3.4.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking APIs for Retail Banking

3.4.1.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking APIs Customer Financial Insights.

Licensed Program	Features / Component Included with License
Oracle Banking APIs Customers Financial Insights	<ul style="list-style-type: none"> • Personal Finance Management <ul style="list-style-type: none"> ○ Creation of Personal Financial goals ○ Managing of Personal Financial goals ○ Spending Analysis ○ Budget Maintenance • Aggregation Services <ul style="list-style-type: none"> ○ Consolidated view of all accounts on an Aggregation dashboard,

3.4.1.3 Restricted Use Licensing

Oracle Banking APIs Customers Financial Insights product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

3.4.1.4 General Licensing Information

Oracle Banking APIs for Customer Financials Insights can be licensed with API calls metric.

3.5 Oracle Banking APIs Origination

This section presents the licensing information of Oracle Banking APIs Origination Applications.

3.5.1 Oracle Banking APIs for Origination of Liability Accounts

The Oracle Banking APIs for Origination of Liability Accounts enables applicants, both existing customers as well as prospects to apply for savings, checking and deposit products offered by the bank, it enables the applicants to view/update/track their applications once they are saved or submitted.

In order to process the above functionalities, if there is any infrastructure API called viz limits, account/transaction access/entitlements, 2FA etc. then that API call will be measured as part of this SKU.

3.5.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking APIs Infrastructure

3.5.1.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking APIs for Origination of Liability Accounts.

Licensed Program	Features / Component Included with License
Oracle Banking APIs for Origination of Liability Accounts	Savings Account Origination Checking Account Origination Term Deposit Origination

3.5.1.3 Restricted Use Licensing

Oracle Banking APIs for Origination of Liability Accounts contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

3.5.1.4 General Licensing Information

Oracle Banking APIs for Origination of Liability Accounts can be licensed with API calls metric.

3.5.2 Oracle Banking APIs for Origination of Credit Cards

The Oracle Banking APIs for Origination of Credit Cards enables applicants, both existing customers as well as prospects to apply for credit card products offered by the bank, it enables the applicants to view/update/track their applications once they are saved or submitted.

In order to process the above functionalities, if there is any infrastructure API called viz limits, account/transaction access/entitlements, 2FA etc. then that API call will be measured as part of this SKU.

3.5.2.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking APIs for Infrastructure

3.5.2.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking APIs for Origination of Credit Cards.

Licensed Program	Features / Component Included with License
Oracle Banking APIs for Origination of Credit Cards	Credit Cards

3.5.2.3 Restricted Use Licensing

Oracle Banking APIs for Origination of Credit Cards contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

3.5.2.4 General Licensing Information

Oracle Banking APIs for Origination of Credit Cards can be licensed with API calls metric.

3.5.3 Oracle Banking APIs for Origination of Loans and Mortgages

The Oracle Banking APIs for Origination of Loans and Mortgages enables applicants, both existing customers as well as prospects to apply for unsecured personal loan, payday loan, auto/vehicle loan, and mortgage loan products offered by the bank, it enables the applicants to view/update/track their applications once they are saved or submitted.

In order to process the above functionalities, if there is any infrastructure API called viz limits, account/transaction access/entitlements, 2FA etc. then that API call will be measured as part of this SKU.

3.5.3.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking APIs Infrastructure

3.5.3.2 Components and Features Included

The following table describes the components and features included with a license for the Oracle Banking APIs for Origination of Loans and Mortgages.

Licensed Program	Features / Component Included with License
Oracle Banking APIs for Origination of Loans and Mortgages	Unsecured Personal Loan Auto/Vehicle Loan Mortgage Loan Payday Loan

3.5.3.3 Restricted Use Licensing

Oracle Banking APIs for Origination of Loans and Mortgages contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

3.5.3.4 General Licensing Information

Oracle Banking APIs for Origination of Loans and Mortgages can be licensed with API calls metric.

3.6 Oracle Banking APIs for Corporate Banking

This section presents licensing information for Oracle Banking APIs for Corporate Banking.

3.6.1 Oracle Banking APIs for Corporate Banking

The Oracle Banking APIs of Corporate Banking enables the financial institutions to expose these API's of Corporate Banking Products and Services for integration with various applications built for their SME and Corporate customers.

The Oracle Banking APIs Corporate Banking includes APIs for functions listed below-

- Account Inquiries
- Customer Services
- Corporate Facility Origination
 - Request a New Credit facility under an existing liability
 - Request a Sub Facility under an existing facility
 - Amendment of Existing Facility
 - Credit Facility Application Tracker
- Corporate Facility Servicing
 - Overview of Facilities and Collaterals
 - View Summary and Details of Facilities
 - View Summary and Details of Collaterals
- Corporate Loans Origination
 - Request for New Term Loan
 - New Working Capital loan
 - New Equipment Loan
 - New Real Estate Loan
 - Loan Application Tracker
- Corporate Loans Servicing
 - Loans Accounts Overview
 - Loan Accounts Summary i.e. Details and Account Activity
 - Loan Repayment
 - Schedule Inquiry and Disbursement Inquiry
- Term Deposits.
- Payee Maintenance
- Fund Transfers to
 - Own Accounts
 - Domestic Accounts
 - International Accounts
- Bill Payments
- Bulk Payments

- Line Limit /facility inquiries
- APIs for Helpdesk User
- Virtual Account Management
 - Maintenance and View of Virtual Entity
 - Maintenance and View of Virtual Accounts
 - Maintenance and View of Virtual Account Structure
 - Maintenance and View of Remitter List
 - Bulk Upload for Creation of Virtual Account Structure and Virtual Accounts.
 - Movement of money between Virtual Accounts.
- Liquidity Management
 - Account Structure Summary
 - Account Structure Detail
 - Create Account Structure
 - Edit Account Structure
 - Sweep Log
- Supply Chain Finance
 - Dashboard for SCF
 - On-board Counter party
 - View Associated Party
 - Create, Edit and View Programs
 - Create Edit and View Invoices
 - Accept/Reject Invoice

In order to process the above functionalities, if there is any infrastructure API called viz limits, account/transaction access/entitlements, 2FA then that API call will be measured as part of this SKU.

3.6.2.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking APIs Infrastructure

3.6.2.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking APIs Corporate Banking.

Licensed Program	Features / Component Included with License
------------------	--

Oracle Banking APIs
Corporate Banking

- Account Inquiries
 - Customer Services
 - Corporate Facility Origination
 - Request a New Credit facility under an existing liability
 - Request a Sub Facility under an existing facility
 - Amendment of Existing Facility
 - Credit Facility Application Tracker
 - Corporate Facility Servicing¹
 - Overview of Facilities and Collaterals
 - View Summary and Details of Facilities
 - View Summary and Details of Collaterals
 - Corporate Loans Originations
 - Request for New Term Loan
 - New Working Capital Loan
 - New Equipment Loan
 - New Real Estate Loan
 - Loan Application Tracker
 - Corporate Loans Servicing²
 - Loans Accounts Overview
 - Loan Accounts Summary i.e. Details and Account Activity
 - Loan Repayment
 - Schedule Inquiry and
 - Disbursement Inquiry
 - Term Deposits
 - Payee Maintenance
 - Fund Transfers to
 - Own Accounts
 - Domestic Accounts
 - International Accounts
 - Bill Payments
 - Bulk Payments
 - Line Limit /facility inquiries
 - APIs for Helpdesk Users
-

-
- Virtual Account Management ³
 - Maintenance and View of Virtual Entity
 - Maintenance and View of Virtual Accounts
 - Maintenance and View of Virtual Account Structure
 - Maintenance and View of Remitter List
 - Bulk Upload for Creation of Virtual Account Structure and Virtual Accounts.
 - Movement of money between Virtual Accounts.
 - Liquidity Management ⁴
 - Account Structure Summary
 - Account Structure Detail
 - Create Account Structure
 - Edit Account Structure
 - Sweep Log
 - Supply Chain Finance⁵
 - Dashboard for SCF
 - On-board Counter party
 - View Associated Party
 - Create, Edit and View Programs
 - Create Edit and View Invoices
 - Accept/Reject Invoice

¹ Prerequisite Oracle Banking Corporate Lending Process Management

² Prerequisite Oracle Banking Credit Facilities Process Management

³ Prerequisite Oracle Banking Virtual Account Management

⁴ Prerequisite Oracle Banking Liquidity Management

⁵ Prerequisite Oracle Banking Supply Chain Finance

3.6.2.3 Restricted Use Licensing

Oracle Banking APIs Corporate Banking product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

3.6.2.4 General Licensing Information

Oracle Banking APIs Corporate Banking can be licensed with API calls metric.

3.7 Oracle Banking APIs for Bulk Payments

This section presents licensing information for Oracle Banking APIs for Bulk Payments.

3.7.1 Oracle Banking APIs for Bulk Payments

The Oracle Banking APIs for Bulk Payments includes APIs for functions listed below-

- Internal Payments
- Domestic Payments
- International Payments
- Demand Drafts
- Mixed Payments
- Payee Creation

In order to process the above functionalities, if there is any infrastructure API called viz limits, account/transaction access/entitlements, 2FA then that API call will be measured as part of this SKU.

3.7.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking APIs for Corporate Banking

3.7.1.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking APIs Bulk Payments.

Licensed Program	Features / Component Included with License
Oracle Banking APIs for Bulk Payments	<ul style="list-style-type: none"> • Internal Payments • Domestic Payments • International Payments • Demand Drafts • Mixed Payments • Payee Creation

3.7.1.3 Restricted Use Licensing

Oracle Banking APIs Bulk Payments contains all or portions of the following Oracle products:

Product or Component	Available Features
----------------------	--------------------

Product or Component	Available Features
NA	NA

3.7.1.4 General Licensing Information

Oracle Banking APIs for Bulk Payments can be licensed with API calls metric.

3.8 Oracle Banking APIs for Trade Finance

This section presents licensing information for Oracle Banking APIs for Trade Finance.

3.8.1 Oracle Banking APIs for Trade Finance

The Option Oracle Banking APIs for Trade Finance contains functionalities related to Trade Finance listed below -

- Initiate Letter of Credit
- Amend Letter of Credit
- View Letter of Credit
- Initiate Outward Bank Guarantee
- View Outward Bank Guarantee
- Amend Bank Guarantee
- Initiate Bills
- View Import Bills
- View Export Bills
- View Lines and Limits Utilization
- Customer Acceptance – Amendments and Discrepancies

In order to process the above functionalities, if there is any infrastructure API called viz limits, account/transaction access/entitlements, 2FA then that API call will be measured as part of this SKU.

3.8.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking APIs for Corporate Banking

3.8.1.2 Components and Features Included

The following table describes the components and features included with a license for Option: Oracle Banking APIs Trade Finance.

Licensed Program	Features / Component Included with License
------------------	--

Licensed Program	Features / Component Included with License
Oracle Banking APIs Trade Finance	<ul style="list-style-type: none"> • Initiate Letter of Credit¹ • Amend Letter of Credit • View Letter of Credit • Initiate Outward Bank Guarantee¹ • View Outward Bank Guarantee • Amend Bank Guarantee • Initiate Bills • View Import Bills • View Export Bills • View Lines and Limits Utilization • Customer Acceptance – Amendments and Discrepancies <p>¹Prerequisite Oracle Trade Finance Process Management.</p>

3.8.1.3 Restricted Use Licensing

Oracle Banking APIs Trade Finance product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

3.8.1.4 General Licensing Information

Oracle Banking APIs Trade Finance can be licensed with API calls metric.

4. Third-Party Licenses

This chapter includes licensing and copyright information for third-party products included with the Oracle Banking APIs licensed software.

4.1 Apache License, Version 2.0

The following technologies from the Apache Software Foundation are based on Apache License, Version 2.0, January 2004.

- Commons Lang3 – 3.8.1
- Cordova Device Plugin – 2.0.2
- Cordova Plugin File – 6.0.1
- Cordova Geolocation Plugin – 4.0.1
- Cordova Globalization Plugin – 1.11.0
- cordova-plugin-android-fingerprint-auth – 1.5.0
- Cordova Whitelist Plugin – 1.3.3
- jackson-annotations – 2.9.8
- jackson-core – 2.9.8
- jackson-databind – 2.9.8
- jackson-jaxrs-base – 2.9.8
- jackson-jaxrs-json-provider – 2.9.8
- jackson-module-jaxb-annotations – 2.9.8

Apache License, Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

- "Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.
- "Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.
- "You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.
- "Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

- "Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.
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4.1.2 cordova-plugin-facebook4 – 4.2.1

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4.1.3 Cordova File Transfer Plugin – 1.7.1

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4.1.4 Google HTTP Client Library for Java – 1.29.0

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jackson-core-asl 1.9.13

jackson-core 2.9.6

gson 2.1

guava-testlib 20.0

org.apache.httpcomponents:httpclient 4.5.5

google-http-client-android 1.25.0

google-http-client-protobuf 1.25.0

google-http-client-gson 1.25.0

google-http-client-xml 1.25.0

google-http-client-test 1.25.0

j2objc-annotations 1.1

google-http-client-assembly 1.25.0

google-http-client 1.25.0

google-http-client-appengine 1.25.0

commons-codec 1.6

google-http-client-jackson 1.25.0

google-http-client-jackson2 1.25.0

google-http-client-jdo 1.25.0

guava 24.1

jdo2-api 2.3-eb

datanucleus-core 3.2.2

datanucleus-api-jdo 3.2.1

datanucleus-rdbms 3.2.1

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java
 contains test data from <http://aspell.net/test/orig/batch0.tab>.
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2000-05-05

4.1.7 **jackson-dataformat-yaml – 2.9.8**

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4.1.8 Javapoet – 1.11.1

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4.1.9 swagger-jaxrs2 – 2.0.7

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4.3 Cordova Plugin for Barcode Scanner – 8.0.1

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4.4 cordova-plugin-otp-auto-verification – 1.0.2

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4.6 JSON

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4.7 JsonPath – 2.4.0

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++++
jackson-databind, 2.6.3, apache 2.0, no copyright info found.

++++

gson 2.3.1, apache 2.0

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json-smart, 2.3, apache 2.0

/*

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tapestry-json, 5.4.3, Apache 2.0

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jettison, 1.3.7, Apache 2.0

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json, 20140107, JSON license

=====
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slf4j-api, 1.7.25, MIT license

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4.8 Jsoup - 1.11.3

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4.9 Oracle JavaScript Extension Toolkit (JET) - 6.2.0

Oracle JET

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Below are 4th party dependencies included in OJET 5.1.0

THIRD-PARTY COMPONENT FILE
(path in the installation)

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js/libs/crossroads/crossroads.js	MIT
js/libs/es6-promise/es6-promise.js	MIT
js/libs/hammer/hammer-2.0.8.js	MIT
js/libs/history/history.iegte8.js	MIT
js/libs/js-signals/signals.js	MIT
js/libs/jquery/jquery-3.3.1.js	MIT
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js/libs/oj/v5.1.0/min/ojknockout.js (knockout-fast-foreach.js)	MIT
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js/libs/proj4js/dist/proj4.js	Proj4js
js/libs/require/require.js	MIT
js/libs/require/text.js	MIT
js/libs/require-css/css.js (require-css)	MIT
js/libs/webcomponents/custom-elements.min.js elements	custom-
scss/oj/v5.1.0/3rdparty/normalize/normalize.scss	MIT

/*!

Knockout Fast Foreach v0.6.0 (2016-07-28T11:02:54.197Z)

By: Brian M Hunt (C) 2015 | License: MIT

*/

/**

* webcomponents/custom-elements - v1.0.8

*

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*/

/**

* proj4js - v2.4.4

* <http://proj4js.org/>

* Copyright (C) 2014 Mike Adair, Richard Greenwood, Didier Richard, Stephen Irons, Olivier Terral and Calvin Metcalf;

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*/

/**

* require-css - v0.1.10

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

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```

*/
/*! Hammer.JS - v2.0.4 - 2014-09-28
 * http://hammerjs.github.io/
 *
 * Copyright (c) 2014 Jorik Tangelder;
 * Licensed under the MIT license */
/*
 * Foundation Responsive Library
 * http://foundation.zurb.com
 * Copyright 2014, ZURB
 * Free to use under the MIT license.
 * http://www.opensource.org/licenses/mit-license.php
 */
Normalize.scss
Copyright (c) Nicolas Gallagher and Jonathan Neal
/*
RequireJS i18n 2.0.2 Copyright (c) 2010-2012, The Dojo Foundation All Rights Reserved.
Available via the MIT or new BSD license.
see: http://github.com/requirejs/i18n for details
*/
/* This component is based on original code from:
jsTree 1.0-rc3 http://jstree.com/
"Copyright (c) 2010 Ivan Bozhanov (vakata.com)
Licensed same as jquery - under the terms of either the MIT License or
the GPL Version 2 License
http://www.opensource.org/licenses/mit-license.php
http://www.gnu.org/licenses/gpl.html"
*/
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 *

```

```

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License for
* the specific language governing permissions and limitations under the Apache License and the
GPL License.
*/
/** @license
* crossroads &lt;http://millermedeiros.github.com/crossroads.js/&gt;
* Author: Miller Medeiros | MIT License
* v0.12.0 (2013/01/21 13:47)
*/
ES6-Promise v1.0.0
Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors
/#!
* History API JavaScript Library v4.1.0
*
* Support: IE8+, FF3+, Opera 9+, Safari, Chrome and other
*
* Copyright 2011-2013, Dmitrii Pakhtinov ( spb.piksel@gmail.com )
*
* http://spb-piksel.ru/
*
* Dual licensed under the MIT and GPL licenses:
* http://www.opensource.org/licenses/mit-license.php
* http://www.gnu.org/licenses/gpl.html
*
* Update: 2014-03-24 13:14
*/
/#! jQuery UI - v1.11.4 - 2015-03-18
* http://jqueryui.com
* Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js

```

```

* Copyright 2015 jQuery Foundation and other contributors; Licensed MIT */
/*!
* jQuery JavaScript Library v2.2.3
* 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
*/
/** @license
* JS Signals <http://millermedeiros.github.com/js-signals/>
* Released under the MIT license
* Author: Miller Medeiros
* Version: 1.0.0 - Build: 268 (2012/11/29 05:48 PM)
*/
/**
* @license RequireJS text 2.0.12 Copyright (c) 2010-2014, The Dojo Foundation All Rights
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/*
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*/
/*!
* Knockout JavaScript library v3.4.2
* (c) Steven Sanderson - http://knockoutjs.com/
* License: MIT (http://www.opensource.org/licenses/mit-license.php)
*/
===

```

=====

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4.10 patternLock – 2.0.2

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Version 2, June 1991

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4.12 cordova-plugin-firebase – 2.0.5

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4.13 cordova-plugin-wkwebview-file-xhr – 2.1.1

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4.14 REST-assured – 3.3.0

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-
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 - com.google.code.gson » gson (optional) V 2.6.2 (Apache 2.0)
 - com.googlecode.json-simple » json-simple (optional) V 1.1.1 (Apache 2.0)
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 - org.apache.httpcomponents » httpmime V 4.5.3 (Apache 2.0)
 - org.ccil.cowan.tagsoup » tagsoup V 1.2.1 (Apache 2.0)
 - org.codehaus.groovy » groovy V 2.4.15 (Apache 2.0)
 - org.codehaus.groovy » groovy-xml V 2.4.15 (Apache 2.0)
 - org.codehaus.jackson » jackson-core-asl (optional) V 1.9.11 (Apache 2.0)
 - org.codehaus.jackson » jackson-mapper-asl (optional) V 1.9.11 (Apache 2.0)

Test Dependencies:

-
- commons-io » commons-io V 2.4 (Apache 2.0)
 - org.assertj » assertj-core V 1.7.0 (Apache 2.0)

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 Test Dependencies:

 - junit » junit V 4.12 (EPL)

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