

Oracle Banking Digital Experience

**Licensing Guide
Release 17.1.0.0.0**

Part No. E83887-01

March 2017

ORACLE®

Oracle Banking Digital Experience Licensing Guide

March 2017

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/

Copyright © 2017, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Contents

- Preface 7**
- 1 Overview 9**
 - 1.1 Oracle Banking Digital Experience Licensing 9
 - 1.2 Reference UI (user interface) 9
 - 1.3 Third-Party Licenses 9
- 2 Oracle Banking Digital Experience Licensing 10**
 - 2.1 Oracle Banking Digital Experience Base 10
 - 2.1.1 Oracle Banking Digital Experience Base 10
 - 2.1.1.1 Separately Licensed Prerequisite Products 10
 - 2.1.1.2 Components and Features Included 10
 - 2.1.1.3 Restricted Use Licensing 10
 - 2.1.1.4 General Licensing Information 11
 - 2.1.2 Option: Oracle Banking Digital Experience One Additional Access Point .. 11
 - 2.1.2.1 Separately Licensed Prerequisite Products 11
 - 2.1.2.2 Components and Features Included 11
 - 2.1.2.3 Restricted Use Licensing 11
 - 2.1.2.4 General Licensing Information 12
 - 2.1.3 Option: Oracle Banking Digital Experience Unlimited Access Points 12
 - 2.1.3.1 Separately Licensed Prerequisite Products 12
 - 2.1.3.2 Components and Features Included 12
 - 2.1.3.3 Restricted Use Licensing 12
 - 2.1.3.4 General Licensing Information 12
 - 2.2 Oracle Banking Digital Experience Origination 13
 - 2.2.1 Oracle Banking Digital Experience Retail Origination 13

2.2.1.1	Separately Licensed Prerequisite Products	13
2.2.1.2	Components and Features Included	13
2.2.1.3	Restricted Use Licensing	13
2.2.1.4	General Licensing Information	13
2.2.2	Option: Oracle Banking Digital Experience Personal Loans Originations ..	14
2.2.2.1	Separately Licensed Prerequisite Products	14
2.2.2.2	Components and Features Included	14
2.2.2.3	Restricted Use Licensing	14
2.2.2.4	General Licensing Information	14
2.3	Oracle Banking Digital Experience Servicing	15
2.3.1	Oracle Banking Digital Experience Retail Servicing.....	15
2.3.1.1	Separately Licensed Prerequisite Products	15
2.3.1.2	Components and Features Included	15
2.3.1.3	Restricted Use Licensing	15
2.3.1.4	General Licensing Information	16
2.3.2	Oracle Banking Digital Experience Corporate Servicing.....	16
2.3.2.1	Separately Licensed Prerequisite Products	16
2.3.2.2	Components and Features Included	16
2.3.2.3	Restricted Use Licensing	17
2.3.2.4	General Licensing Information	17
2.3.3	Option: Oracle Banking Digital Experience Corporate Trade Finance.....	18
2.3.3.1	Separately Licensed Prerequisite Products	18
2.3.3.2	Components and Features Included	18
2.3.3.3	Restricted Use Licensing	18
2.3.3.4	General Licensing Information	18
2.4	Oracle Banking Digital Experience Wealth Management.....	19

2.4.1	Oracle Banking Digital Experience Retail Mutual Funds	19
2.4.1.1	Separately Licensed Prerequisite Products	19
2.4.1.2	Components and Features Included	19
2.4.1.3	Restricted Use Licensing	19
2.4.1.4	General Licensing Information	19
2.5	Oracle Banking Digital Experience Convenient Payments.....	20
2.5.1	Oracle Banking Digital Experience Retail Peer-to Peer Payments.....	20
2.5.1.1	Separately Licensed Prerequisite Products	20
2.5.1.2	Components and Features Included	20
2.5.1.3	Restricted Use Licensing	20
2.5.1.4	General Licensing Information	20
2.5.2	Oracle Banking Digital Experience Merchant Payments	21
2.5.2.1	Separately Licensed Prerequisite Products	21
2.5.2.2	Components and Features Included	21
2.5.2.3	Restricted Use Licensing	21
2.5.2.4	General Licensing Information	21
2.6	Oracle Banking Digital Experience Customer Financial Insights	22
2.6.1	Oracle Banking Digital Experience Personal Finance Management	22
2.6.1.1	Separately Licensed Prerequisite Products	22
2.6.1.2	Components and Features Included	22
2.6.1.3	Restricted Use Licensing	22
2.6.1.4	General Licensing Information	22
2.7	Oracle Banking Digital Experience Wallets	23
2.7.1	Oracle Banking Digital Experience Wallets.....	23
2.7.1.1	Separately Licensed Prerequisite Products	23
2.7.1.2	Components and Features Included	23

2.7.1.3	Restricted Use Licensing	23
2.7.1.4	General Licensing Information	23
A.	Third-Party Licenses	24
A.1	Apache License, Version 1.1	24
A.2	Apache License, Version 2.0	25
A.2.1	Apache License, Version 2.0, January 2004	25
A.2.2	CKEditor 4.5.11	28
A.2.3	commons-codec 1.7	29
A.2.4	Commons-pool 1.2 jar	29
A.2.5	Datecalc-1.2.0	31
A.2.6	Jackson – 2.8.5	31
A.2.7	Joda Time - 2.2.7	32
A.2.8	serializer-2.7.1.jar	32
A.2.9	Xalan 2.7.1	33
A.3	Oracle JavaScript Extension Toolkit (JET) 2.2.0	36
A.4	swagger-ui 2.2.5	46

Preface

The Licensing Guide provides the complete list of Oracle Banking Digital Experience 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

Audience

This guide is intended for all purchasers of Oracle Banking Digital Experience.

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=acc&id=docacc>.

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=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Organization of the Guide

This document contains:

Chapter 1, "Overview"

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

Chapter 2, "Oracle Banking Digital Experience Licensing"

This chapter covers the licensing information for Oracle Banking Digital Experience Licensing and Third-Party Licenses.

Appendix A, "Third-Party Licenses"

This appendix covers the licensing and copyright information of third-party products included with the Oracle Banking Digital Experience licensed software.

Related Documents

For more information, see the following documentation:

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

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.

1 Overview

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

1.1 Oracle Banking Digital Experience Licensing

The Chapter 2, "Oracle Banking Digital Experience Licensing" describes the Oracle Banking licensing details including:

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

1.2 Reference UI (user interface)

Oracle Banking Digital Experience provides you with reference user interfaces for your entire customer facing screens like Account inquiries, Payments etc. Reference UI is a powerful tool to provide best user experience at an optimal time to market.

Reference UI (user interface) for Oracle Banking Digital Experience suite provides you with following

- Reference code to develop modern user interface leveraging Oracle JavaScript Extension Toolkit (JET).
- Reference code for implementing responsive web design using Oracle JavaScript Extension Toolkit (JET).
- Reference code for consuming Oracle Banking Digital Experience APIs.
- Best usability designs for self service channel screens (Internet and mobile)

Note: Reference UI will not be supported by Oracle Support.

1.3 Third-Party Licenses

The Appendix A, "Third-Party Licenses" includes licensing and copyright information for third-party products included with the Oracle Banking Digital Experience licensed software.

2 Oracle Banking Digital Experience Licensing

This chapter covers licensing information for Oracle Banking Digital Experience.

2.1 Oracle Banking Digital Experience Base

This section presents the licensing information of Oracle Banking Digital Experience Base.

2.1.1 Oracle Banking Digital Experience Base

The Oracle Banking Digital Experience Base provides the framework and infrastructure components of the omnichannel digital experience platform. It includes functions that enable administrators of the financial institution to configure and manage the application; add and manage its subscribers.

The Oracle Banking Digital Experience Base also includes the UI (User Interface) framework that has been used to build the screens of the application. This UI framework can be used for modifying or tailoring the UI screens as per the bank's needs.

The Oracle Banking Digital Experience Base allows financial services subscribers registered in the application to access the application via two access points or channels - the mobile and online.

2.1.1.1 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

2.1.1.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking Digital Experience Base.

Licensed Program	Features / Component Included with License
Oracle Banking Digital Experience Base	Online and Mobile Access Points

2.1.1.3 Restricted Use Licensing

Oracle Banking Digital Experience Base product contains all or portions of the following Oracle products:

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

Oracle JavaScript Extension Toolkit (JET) 2.2.0	<p>UI (User Interface) framework</p> <p>Note that Oracle JavaScript Extension Toolkit (JET) 2.2.0 shall be used only for building and modifying UI (User Interface) within Oracle Banking Digital Experience. It shall not be used for building UI (User Interface) for applications outside Oracle Banking Digital Experience.</p>
---	---

2.1.1.4 General Licensing Information

Oracle Banking Digital Experience Base can be licensed with the Financial Services Subscriber metric.

2.1.2 Option: Oracle Banking Digital Experience One Additional Access Point

If a financial institution needs to enable access to the various services of the application via one additional access point or channel, in addition to the two access points – mobile and online that are provided with the Base, then the Option: Oracle Banking Digital Experience One Additional Access Point would have to be separately licensed along with the Oracle Banking Digital Experience Base.

The additional Access Point would need to be configured, managed and tracked in the application, for the purpose of authorizing subscribers to access the Oracle Banking Digital Experience application. Examples of access points include but are not restricted to Smart TV, Wearable, Kiosk, ATM, Contact Center, Branch, etc.

2.1.2.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Base

2.1.2.2 Components and Features Included

The following table describes the components and features included with a license for the Option: Oracle Banking Digital Experience One Additional Access Point.

Licensed Program	Features / Component Included with License
Option: Oracle Banking Digital Experience One Additional Access Point	NA

2.1.2.3 Restricted Use Licensing

The Option: Oracle Banking Digital Experience One Additional Access Point product contains all or portions of the following Oracle products:

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

NA

NA

2.1.2.4 General Licensing Information

The Option: Oracle Banking Digital Experience One Additional Access Point can be licensed with the Financial Services Subscriber metric.

2.1.3 Option: Oracle Banking Digital Experience Unlimited Access Points

If a financial institution needs to enable access to the various services of the application via two or more additional access points or channels, in addition to the two access points – mobile and online that are provided with the Base, then The Option Unlimited Access Points would have to be separately licensed.

The Additional Access Points would need to be configured, managed and tracked in the application, for the purpose of authorizing subscribers to access the Oracle Banking Digital Experience application. Examples of access points include but are not restricted to Smart TV, Wearable, Kiosk, ATM, Contact Center, Branch, etc.

2.1.3.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Base

2.1.3.2 Components and Features Included

The following table describes the components and features included with a license for the Option: Oracle Banking Digital Experience Unlimited Access Point.

Licensed Program	Features / Component Included with License
Option: Oracle Banking Digital Experience Unlimited Access Point	NA

2.1.3.3 Restricted Use Licensing

The Option: Oracle Banking Digital Experience Unlimited Access Point product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

2.1.3.4 General Licensing Information

The Option: Oracle Banking Digital Experience Unlimited Access Point can be licensed with the Financial Services Subscriber metric.

2.2 Oracle Banking Digital Experience Origination

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

2.2.1 Oracle Banking Digital Experience Retail Origination

The Oracle Banking Digital Experience Retail Origination includes functionalities that enable prospects or existing users of the financial institution to register for the Oracle Banking Digital Experience application.

It enables applicants, both existing customers as well as prospects to apply for products offered by the bank, it enables the applicants to view/update/track their applications once they are saved or submitted. The Oracle Banking Digital Experience Retail Origination also includes functionalities to enable new retail customer opening and origination of retail deposit products offered by the financial institution.

2.2.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Base

2.2.1.2 Components and Features Included

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

Licensed Program	Features / Component Included with License
Oracle Banking Digital Experience Retail Origination	Cross-Channels Originations

2.2.1.3 Restricted Use Licensing

Oracle Banking Digital Experience Retail Origination product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

2.2.1.4 General Licensing Information

Oracle Banking Digital Experience Retail Origination can be licensed with the Bank Account Application metric.

2.2.2 Option: Oracle Banking Digital Experience Personal Loans Originations

The Oracle Banking Digital Experience Personal Loans Originations provides the functionalities to both prospects and existing customers to originate personal loans. Based on the personal loan product requirements it has functionalities to capture data from the applicants and then use them during the loan origination process. It also includes functionalities to track, manage and monitor the submitted personal loan applications.

2.2.2.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Retail Originations

2.2.2.2 Components and Features Included

The following table describes the components and features included with a license for the Option: Oracle Banking Digital Experience Personal Loans Originations.

Licensed Program	Features / Component Included with License
Option: Oracle Digital Experience Personal Loans Originations	NA

2.2.2.3 Restricted Use Licensing

Option: Oracle Banking Digital Experience Personal Loans Originations product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

2.2.2.4 General Licensing Information

Option: Oracle Banking Digital Experience Personal Loans Originations can be licensed with the Bank Account Application metric.

2.3 Oracle Banking Digital Experience Servicing

This section presents licensing information for Oracle Banking Digital Experience Servicing Applications.

2.3.1 Oracle Banking Digital Experience Retail Servicing

The Oracle Banking Digital Experience Retail Servicing enables the financial services subscribers that are retail customers of the financial institution to conduct various transactions and inquiries for the retail products of the bank.

The Oracle Banking Digital Experience Retail Servicing includes functionalities related to account inquiries, customer services, customer inquiries, credit cards, loans, and term deposits. The Oracle Banking Digital Experience Retail Servicing also contains functionalities for fund transfers across own accounts, domestic and international transfer.

It also contains functionalities for bill payments and the related maintenances.

The functionalities for bulk transfer for retail are also present in Oracle Banking Digital Experience Retail Servicing.

2.3.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Base

2.3.1.2 Components and Features Included

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

Licensed Program	Features / Component Included with License
Oracle Banking Digital Experience Retail Servicing	Retail (Retail Inquires, Retail Customer Services, Retail Term Deposits, Retail Transfer and Payments, Retail Bill Payments), Retail Loans, Retail Credit Cards, Retail Bulk Payments

2.3.1.3 Restricted Use Licensing

Oracle Banking Digital Experience Retail Servicing product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

2.3.1.4 General Licensing Information

Oracle Banking Digital Experience Retail Servicing can be licensed with the Financial Services Subscriber metric.

2.3.2 Oracle Banking Digital Experience Corporate Servicing

The Oracle Banking Digital Experience Corporate Servicing enables the financial services subscribers that are SME or Corporate customers of the financial institution to conduct various transactions and inquiries for the corporate products of the bank.

The Oracle Banking Digital Experience Corporate Servicing includes functionalities related to account inquiries, customer services, corporate loans, and term deposits.

The Oracle Banking Digital Experience Corporate Servicing also contains functionalities for fund transfer and the related maintenances across domestic, internal and international networks.

It also contains functionalities for bill payments and the related maintenance in Oracle Banking Digital Experience.

It supports bulk file maintenance and support for the corporate customers of the financial institution.

2.3.2.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Base

2.3.2.2 Components and Features Included

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

Licensed Program	Features / Component Included with License
Oracle Banking Digital Experience Corporate Servicing	Corporate (Corporate Inquires, Corporate Customer Services, Corporate Term Deposits, Corporate Transfer and Payments, Corporate Bill Payments, Corporate Bulk Payments), Corporate Loans

2.3.2.3 Restricted Use Licensing

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

Product or Component	Available Features
NA	NA

2.3.2.4 General Licensing Information

Oracle Banking Digital Experience Corporate Servicing can be licensed with the Financial Services Subscriber metric.

2.3.3 Option: Oracle Banking Digital Experience Corporate Trade Finance

The Option Oracle Banking Digital Experience Corporate Trade Finance contains functionalities related to Trade Finance.

Some of these available functionalities are related to Letters of Credit, Outward Guarantees, as well as Import and Export bills.

2.3.3.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Corporate Servicing

2.3.3.2 Components and Features Included

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

Licensed Program	Features / Component Included with License
Option: Oracle Banking Digital Experience Corporate Trade Finance	Corporate Trade Finance

2.3.3.3 Restricted Use Licensing

Option: Oracle Banking Digital Experience Corporate Trade Finance product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

2.3.3.4 General Licensing Information

Option: Oracle Banking Digital Experience Corporate Trade Finance can be licensed with the Financial Services Subscriber metric.

2.4 Oracle Banking Digital Experience Wealth Management

This chapter includes licensing information for Oracle Banking Digital Experience Wealth Management Applications.

2.4.1 Oracle Banking Digital Experience Retail Mutual Funds

The Oracle Banking Digital Experience Retail Mutual Funds provides functionalities to buy, redeem, or switch mutual funds in the application.

The Oracle Banking Digital Experience Retail Mutual Funds also includes other mutual fund- related functionalities such as details for the mutual fund portfolio and dividend information of the mutual funds.

2.4.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Base

2.4.1.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking Digital Experience Retail Mutual Funds.

Licensed Program	Features / Component Included with License
Oracle Banking Digital Experience Retail Mutual Funds	Retail Mutual Funds

2.4.1.3 Restricted Use Licensing

Oracle Banking Digital Experience Retail Mutual Funds product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

2.4.1.4 General Licensing Information

Oracle Banking Digital Experience Retail Mutual Funds can be licensed with the Financial Services Subscriber metric.

2.5 Oracle Banking Digital Experience Convenient Payments

This chapter includes licensing information for Oracle Banking Digital Experience Convenient Payment Applications.

2.5.1 Oracle Banking Digital Experience Retail Peer-to-Peer Payments

The Oracle Banking Digital Experience Retail Peer-to Peer (P2P) Payments includes functionalities to transfer funds, using an email id or mobile number or to a facebook ID. The sender uses the application to initiate the payment. The beneficiary can or cannot be a customer of the bank to receive the payment. The beneficiary registers his details with the bank to receive the payment.

2.5.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Base

2.5.1.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking Digital Experience Retail Peer-to-Peer Payments.

Licensed Program	Features / Component Included with License
Oracle Banking Digital Experience Retail Peer-to-Peer Payments	Retail Peer-to-Peer Payments

2.5.1.3 Restricted Use Licensing

Oracle Banking Digital Experience Retail Peer-to-Peer Payments product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

2.5.1.4 General Licensing Information

Oracle Banking Digital Experience Retail Peer-to-Peer Payments can be licensed with the Financial Services Subscriber metric.

2.5.2 Oracle Banking Digital Experience Merchant Payments

The Oracle Banking Digital Experience Merchant Payments application provides the facility of interfacing with third party merchants. To perform Merchant Payment transactions, a Merchant URL is provided. Merchants can login through this URL using merchant details. The financial service subscribers can then login to the application can carry out funds transfers to the merchants as payments.

2.5.2.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Base

2.5.2.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking Digital Experience Merchant Payments.

Licensed Program	Features / Component Included with License
Oracle Banking Digital Experience Merchant Payments	External Payment Interface

2.5.2.3 Restricted Use Licensing

Oracle Banking Digital Experience Merchant Payments product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

2.5.2.4 General Licensing Information

Oracle Banking Digital Experience Merchant Payments can be licensed with the Financial Services Subscriber metric.

2.6 Oracle Banking Digital Experience Customer Financial Insights

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

2.6.1 Oracle Banking Digital Experience Personal Finance Management

The Oracle Banking Digital Experience Personal Finance Management includes functionalities for creation and managing of personal financial goals.

The Oracle Banking Digital Experience Personal Finance Management also contains functionalities related to spending analysis and budget maintenance for individuals.

2.6.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Base

2.6.1.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking Digital Experience Personal Finance Management.

Licensed Program	Features / Component Included with License
Oracle Banking Digital Experience Personal Finance Management	Personal Finance Management

2.6.1.3 Restricted Use Licensing

Oracle Banking Digital Experience Personal Finance Management product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

2.6.1.4 General Licensing Information

Oracle Banking Digital Experience Personal Finance Management can be licensed with the Financial Services Subscriber metric.

2.7 Oracle Banking Digital Experience Wallets

This chapter includes licensing information for Oracle Banking Digital Experience Wallets.

2.7.1 Oracle Banking Digital Experience Wallets

The Oracle Banking Digital Experience Wallets provides the user with digital wallets.

It allows the user to open a wallet, fund a wallet, pay money to friends and family, merchants and other using the wallet. Receive funds from other into the wallet. It can also allow the financial institution to display the context offers to the customer in the wallet.

2.7.1.1 Separately Licensed Prerequisite Products

The following prerequisite products require separate licenses:

- Oracle Banking Digital Experience Base

2.7.1.2 Components and Features Included

The following table describes the components and features included with a license for Oracle Banking Digital Experience Wallets.

Licensed Program	Features / Component Included with License
Oracle Banking Digital Experience Wallets	NA

2.7.1.3 Restricted Use Licensing

Oracle Banking Digital Experience Wallets product contains all or portions of the following Oracle products:

Product or Component	Available Features
NA	NA

2.7.1.4 General Licensing Information

Oracle Banking Digital Experience Wallets can be licensed with the Financial Services Subscriber metric.

A. Third-Party Licenses

This appendix includes licensing and copyright information for third-party products included with the Oracle Banking Digital Experience licensed software.

A.1 Apache License, Version 1.1

The following technologies from the Apache Software Foundation are based on Apache License, Version 1.1.

- Commons FileUpload 1.3.2

Copyright (c) 1999-2003 The Apache Software Foundation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>)."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.
4. The names "The Jakarta Project", "Commons", and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.
5. Products derived from this software may not be called "Apache", nor may "Apache" appear in their name, without prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR
ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR

BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====

This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see <<http://www.apache.org/>>.

A.2 Apache License, Version 2.0

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

- joda-time-2.3
- XSLTC-2.7.1

A.2.1 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.
- "Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright

notice that is included in or attached to the work (an example is provided in the Appendix below).

- "Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.
- "Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."
- "Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- a. You must give any other recipients of the Work or Derivative Works a copy of this License; and
- b. You must cause any modified files to carry prominent notices stating that You changed the files; and

c. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

d. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License. You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or

rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

A.2.2 CKEditor 4.5.11

© 2003 - 2010 CKSource - Frederico Knabben. All rights reserved.

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")

You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>. A copy of the license is also reproduced below.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

For licensing information see [Apache License, Version 2.0 January 2004](#).

A.2.3 commons-codec 1.7

Apache Commons Codec

Copyright 2002- 2012 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (<http://www.apache.org/>).

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

Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org). Verbatim copying and distribution of this entire article is permitted in any medium, provided this notice is preserved.

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")

You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>. A copy of the license is also reproduced below.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

For licensing information see [Apache License, Version 2.0 January 2004](#).

A.2.4 Commons-pool 1.2 jar

Apache Commons Pool

Copyright 1999-2009 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (<http://www.apache.org/>).

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")

You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>. A copy of the license is also reproduced below.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

For licensing information see [Apache License, Version 2.0 January 2004](#).

A.2.5 Datecalc-1.2.0

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")

You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>. A copy of the license is also reproduced below.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

For licensing information see [Apache License, Version 2.0 January 2004](#).

A.2.6 Jackson – 2.8.5

#Jackson JSON processor

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

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

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

Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")

You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>. A copy of the license is also reproduced below.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

For licensing information see [Apache License, Version 2.0 January 2004](#).

A.2.7 Joda Time - 2.2.7

This product includes software developed by

Joda.org (<http://www.joda.org/>).

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")

You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>. A copy of the license is also reproduced below.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

For licensing information see [Apache License, Version 2.0 January 2004](#).

A.2.8 serializer-2.7.1.jar

Apache Xalan (Xalan serializer)

Copyright 1999-2006 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software was originally based on the following:

- software copyright (c) 1999-2002, Lotus Development Corporation.,
<http://www.lotus.com>.
- software copyright (c) 2001-2002, Sun Microsystems.,
<http://www.sun.com>.
- software copyright (c) 2003, IBM Corporation.,

<http://www.ibm.com>.

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")

You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>. A copy of the license is also reproduced below.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

For licensing information see [Apache License, Version 2.0 January 2004](#).

A.2.9 Xalan 2.7.1

Apache Xalan (Xalan XSLT processor)

Copyright 1999-2006 The Apache Software Foundation

Apache Xalan (Xalan serializer)

Copyright 1999-2006 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

=====

Portions of this software was originally based on the following:

- software copyright (c) 1999-2002, Lotus Development Corporation., <http://www.lotus.com>.
- software copyright (c) 2001-2002, Sun Microsystems., <http://www.sun.com>.
- software copyright (c) 2003, IBM Corporation., <http://www.ibm.com>.

=====

The binary distribution package (ie. jars, samples and documentation) of this product includes software developed by the following:

- The Apache Software Foundation
 - Xerces Java - see LICENSE.txt
 - JAXP 1.3 APIs - see LICENSE.txt
 - Bytecode Engineering Library - see LICENSE.txt
 - Regular Expression - see LICENSE.txt
-
- Scott Hudson, Frank Flannery, C. Scott Ananian
 - CUP Parser Generator runtime (javacup\runtime) - see LICENSE.txt

=====

The source distribution package (ie. all source and tools required to build Xalan Java) of this product includes software developed by the following:

- The Apache Software Foundation
 - Xerces Java - see LICENSE.txt
 - JAXP 1.3 APIs - see LICENSE.txt
 - Bytecode Engineering Library - see LICENSE.txt
 - Regular Expression - see LICENSE.txt
 - Ant - see LICENSE.txt
 - Stylebook doc tool - see LICENSE.txt
-
- Elliot Joel Berk and C. Scott Ananian
 - Lexical Analyzer Generator (JLex) - see LICENSE.txt

=====

Apache Xerces Java

Copyright 1999-2006 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Portions of Apache Xerces Java in xercesImpl.jar and xml-apis.jar were originally based on the following:

- software copyright (c) 1999, IBM Corporation., <http://www.ibm.com>.
- software copyright (c) 1999, Sun Microsystems., <http://www.sun.com>.
- voluntary contributions made by Paul Eng on behalf of the
- Apache Software Foundation that were originally developed at iClick, Inc.,
- software copyright (c) 1999.

=====

Apache xml-commons xml-apis (redistribution of xml-apis.jar)
Apache XML Commons
Copyright 2001-2003,2006 The Apache Software Foundation.

This product includes software developed at
The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., <http://www.ibm.com>.
- software copyright (c) 1999, Sun Microsystems., <http://www.sun.com>.
- software copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")

You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>. A copy of the license is also reproduced below.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

For licensing information see [Apache License, Version 2.0 January 2004](#).

A.3 Oracle JavaScript Extension Toolkit (JET) 2.2.0

Copyright (c) 2014, 2016 Oracle and/or its affiliates

The Universal Permissive License (UPL), Version 1.0

Subject to the condition set forth below, permission is hereby granted to any person obtaining a copy of this software, associated documentation and/or data (collectively the "Software"), free of charge and under any and all copyright rights in the Software, and any and all patent rights owned or freely licensable by each licensor hereunder covering either (i) the unmodified Software as contributed to or provided by such licensor, or (ii) the Larger Works (as defined below), to deal in both

(a) the Software, and (b) any piece of software and/or hardware listed in the lrgwrks.txt file if one is included with the Software (each a "Larger Work" to which the Software is contributed by such licensors), without restriction, including without limitation the rights to copy, create derivative works of, display, perform, and distribute the Software and make, use, sell, offer for sale, import, export, have made, and have sold the Software and the Larger Work(s), and to sublicense the foregoing rights on either these or other terms.

This license is subject to the following condition:

The above copyright notice and either this complete permission notice or at a minimum a reference to the UPL must be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

List of third party code and license attributions:

THIRD-PARTY COMPONENT FILE LICENSE

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

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

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

js/libs/knockout/knockout-amd-helpers MIT

scss/oj/v1.1.0/3rdparty/normalize/normalize.scss MIT

js/libs/oj/v1.1.0/ojL10n.js (requireJS i18n) MIT

js/libs/oj/v1.1.0/min/ojtree.js (jsTree.js) MIT
 js/libs/oj/v1.1.0/min/ojselectcombobox.js (Select2.js) Apache 2.0
 js/libs/es6-promise/promise-1.0.0.js MIT
 js/libs/history/history.iegte8.js MIT
 js/libs/jquery/jquery-ui-1.11.4.custom.js MIT
 js/libs/jquery/jqueryui-amd-1.11.4/core.js MIT
 js/libs/jquery/jqueryui-amd-1.11.4/draggable.js MIT
 js/libs/jquery/jqueryui-amd-1.11.4/mouse.js MIT
 js/libs/jquery/jqueryui-amd-1.11.4/position.js MIT
 js/libs/jquery/jqueryui-amd-1.11.4/sortable.js MIT
 js/libs/jquery/jqueryui-amd-1.11.4/widget.js MIT
 js/libs/jquery/jquery-2.1.3.js MIT
 js/libs/js-signals/signals.js MIT
 js/libs/require/text.js MIT
 js/libs/require/require.js MIT
 js/libs/hammer/hammer-2.0.4.js MIT

=== Knockout.js 3.4.0 ===

The MIT License (MIT) - <http://www.opensource.org/licenses/mit-license.php>

Copyright (c) Steven Sanderson, the Knockout.js team, and other contributors

<http://knockoutjs.com/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,

WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

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

The MIT License (MIT) - <http://www.opensource.org/licenses/mit-license.php>

Copyright (c) Steven Sanderson, Roy Jacobs

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

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

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

The MIT License (MIT)

Copyright (c) 2015 Ryan Niemeyer

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

=== Normalize.css ===

Copyright (c) Nicolas Gallagher and Jonathan Neal

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE

=== Foundation Responsive Library ===

Copyright (c) 2013-2015 ZURB, inc.

MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=== RequireJS i18n 2.0.2 ===

MIT License

Copyright (c) 2010-2011, The Dojo Foundation

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software

without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=== jsTree 1.0-rc3 ===

Copyright (c) 2014 Ivan Bozhanov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=== Select2.js ===

Copyright 2012 Igor Vaynberg

This software is licensed under the Apache License, Version 2.0 (the "Apache License") or the GNU General Public License version 2 (the "GPL License"). You may choose either license to govern your use of this software only upon the condition that you accept all of the terms of either the Apache License or the GPL License.

You may obtain a copy of the Apache License and the GPL License at:

<http://www.apache.org/licenses/LICENSE-2.0>

<http://www.gnu.org/licenses/gpl-2.0.html>

Unless required by applicable law or agreed to in writing, software distributed under the Apache License or the GPL License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the Apache License and the GPL License for the specific language governing permissions and limitations under the Apache License and the GPL License.

=== ES6-Promise v1.0.0 ===

Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=== History API JavaScript Library v4.1.0 ===

MIT License (MIT)

Copyright (c) 2010-2014 Dmitrii Pakhtinov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF

MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

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

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

Copyright 2015 jQuery Foundation and other contributors, <https://jquery.org/>

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at

<https://github.com/jquery/jquery-ui>

The following license applies to all parts of this software except as documented below:

====

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=== jQuery JavaScript Library v2.1.3 ===

Copyright 2015 jQuery Foundation and other contributors, <https://jquery.org/>

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at

<https://github.com/jquery/jquery>

The following license applies to all parts of this software except as documented below:

====

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=== ES6-Promise v1.0.0 ===

Copyright (c) 2012 Miller Medeiros

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=== RequireJS text 2.0.12 ===

MIT License

Copyright (c) 2010-2014, The Dojo Foundation

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software

without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== RequireJS 2.1.16 ==

MIT License

Copyright (c) 2010-2015, The Dojo Foundation

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

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

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

* Copyright (c) 2014 Jorik Tangelder;

* Licensed under the MIT license

*/

===== Apache-2.0 =====

The following applies to all products licensed under the Apache 2.0 License:

You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>. A copy of the license is also reproduced below.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

For licensing information see [*Apache License, Version 2.0 January 2004*](#).

A.4 swagger-ui 2.2.5

Copyright 2016 SmartBear Software

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Copyright (C) 2009-2016 Kristopher Michael Kowal and contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (C) 2011-2015 by Yehuda Katz

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING

FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2010 "Cowboy" Ben Alman

Dual licensed under the MIT and GPL licenses.

<http://benalman.com/about/license/>

Copyright © 2010 "Cowboy" Ben Alman

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (C) <date> X Consortium

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from the X Consortium.

X Window System is a trademark of X Consortium, Inc.

Copyright (c) 2013 Jeremy Dorn

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright jQuery Foundation and other contributors <https://jquery.org/>

Based on Underscore.js, copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors <http://underscorejs.org/>

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at <https://github.com/lodash/lodash>

The following license applies to all parts of this software except as documented below:

====

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

Copyright and related rights for sample code are waived via CC0. Sample code is defined as all source code displayed within the prose of the documentation.

CC0: <http://creativecommons.org/publicdomain/zero/1.0/>

====

Files located in the node_modules and vendor directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.

Copyright (c) 2011-2014, Christopher Jeffrey (<https://github.com/chjj/>)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright 2009-2012 Kris Kowal under the terms of the MIT license found at <http://github.com/krischowal/q/raw/master/LICENSE>

Copyright 2009–2016 Kristopher Michael Kowal. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
 IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

*

* With parts by Tyler Close

* Copyright 2007-2009 Tyler Close under the terms of the MIT X license found

* at <http://www.opensource.org/licenses/mit-license.html>

* Forked at ref_send.js version: 2009-05-11

The MIT License (MIT)

Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

*

* With parts by Mark Miller

* Copyright (C) 2011 Google Inc.

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* <http://www.apache.org/licenses/LICENSE-2.0>

*

* Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*

*/

Copyright (c) 2009-2015 Jeremy Ashkenas, DocumentCloud and Investigative
Reporters & Editors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (C) 2011-2015 by Vitaly Puzrin

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For licensing information see [Apache License, Version 2.0 January 2004](#).