

Oracle Utilities Operational Device Management

Licensing Information User Manual

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Contents

Chapter 1

Introduction	1-1
Related Documents	1-1

Chapter 2

Licensing Information	2-1
License Restrictions Matrix	2-2

Chapter 3

Third-Party Notices	3-1
Open Source or Other Separately Licensed Software	3-1

Chapter 4

Third-Party Licenses	4-1
Notice Concerning Usage of ANTLR	4-2
Notice Concerning Usage of Apache Software	4-2
Notice Concerning Usage of ASM	4-7
Notice Concerning Usage of CodeMirror	4-8
Notice Concerning Usage of Concurrent	4-8
Notice Concerning Usage of Cordova Plugin Pin Check	4-8
Notice of Usage of Cordova Plugin Shared Preferences	4-9
Notice of Usage of Cordova Plugin Secure Keystore	4-9
Notice of Usage of Cordova Plugin Fingerprint aio	4-10
Notice Concerning Usage of DOM4J	4-10
Notice Concerning Usage of FullCalendar	4-11
Notice Concerning Usage of ICU and ICU4J	4-11
Notice Concerning Usage of Jaxen	4-18
Notice Concerning Usage of JQuery (2.1.0, 3.3.1)	4-19
Notice Concerning Usage of JQuery (3.4.1)	4-19
Notice Concerning Usage of JQueryMobile	4-20
Notice Concerning Usage of JQuery UI	4-20
Notice Concerning Usage of JSignature	4-21
Notice Concerning Usage of Knockout	4-21
Notice Concerning Usage of Microsoft .NET	4-21
Notice Concerning Usage of Moment.js	4-25
Notice Concerning Usage of SLF4J	4-25
Notice Concerning Usage of Staxmate	4-26
Notice Concerning Usage of Swagger-UI	4-26
Notice Concerning Usage of XMLPULL	4-32
Notice Concerning Usage of XStream	4-32

Chapter 1

Introduction

This Licensing Information document is a part of the product or program documentation under the terms of your Oracle license agreement and is intended to help you understand the program editions, entitlements, restrictions, prerequisites, special license rights, and/or separately licensed third party technology terms associated with the Oracle software programs covered by this document (the “Programs”).

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Related Documents

Installation Guides

- Oracle Utilities Operational Device Management Release Notes
- Oracle Utilities Operational Device Management Quick Install Guide
- Oracle Utilities Operational Device Management Installation Guide
- Oracle Utilities Operational Device Management Database Administrator’s Guide
- Oracle Utilities Operational Device Management Licensing Information User Manual

User Guides

- Oracle Utilities Work and Asset Management and Oracle Utilities Operational Device Management Business User’s Guide

- Oracle Utilities Work and Asset Management and Oracle Utilities Operational Device Management Administrative User's Guide

Supplemental Documents

- Oracle Utilities Operational Device Management Server Administration Guide
- Oracle Utilities Operational Device Management Security Guide

Chapter 2

Licensing Information

The following table provides information about licensing parameters for Oracle Utilities Operational Device Management.

Product	Sub Product	Licensing Description
Oracle Utilities Operational Device Management	Oracle Utilities Operational Device Management	<p>Oracle Utilities Operational Device Management provides functionality to handle large volumes of “smart” assets and to manage the receipt, installation, maintenance, tracking and removal of those assets. These device assets typically include microprocessors with firmware and configuration management requirements. Oracle Utilities Operational Device Management is purchased as a separate license to further enhance Oracle Utilities Work and Asset Management.</p> <p>Oracle Utilities Work and Asset Management and Oracle Utilities Operational Device Management are built upon a common asset management architecture. Both products include functionality which must be licensed correctly in order to be used. The table below provides information about these functional areas.</p> <p>Prerequisites:</p> <ul style="list-style-type: none">• Oracle Database Enterprise Edition• Oracle WebLogic Server Enterprise Edition <p>Restrictions:</p> <p>Licensing restrictions are only enforced within the application using application services and user access roles. While it is possible for administrators to enable non licensed functionality, use of this functionality without a license is prohibited.</p>
	Process Integration Pack for Oracle Utilities Field Work	<p>The Process Integration Pack for Oracle Utilities Field Work supports the creation and synchronization of field work activities between Oracle Utilities Mobile Workforce Management and Oracle Utilities Operational Device Management.</p> <p>Prerequisites:</p> <ul style="list-style-type: none">• Oracle Utilities Operational Device Management

Product	Sub Product	Licensing Description
	Utilities Integration for Device Operations	<p>This is a direct integration between Oracle Utilities Operational Device Management and Oracle Utilities Meter Data Management where Oracle Utilities Operational Device Management provides functionality to manage the receipt, installation, maintenance, tracking and removal of large volumes of assets; and Oracle Utilities Meter Data Management supports the loading, Validation, Editing, and Estimation (VEE) of meter data - from meter configuration, to meter read and usage validation to bill determinant calculations.</p> <p>Prerequisites:</p> <ul style="list-style-type: none"> Oracle Utilities Operational Device Management

Note: Oracle Utilities Operational Device Management is packaged as part of the **Oracle Utilities Work and Asset Management** media pack.

Customers seeking to download the **Oracle Utilities Operational Device Management** media pack must search for and download the **Oracle Utilities Work and Asset Management** media pack on Oracle Software Delivery Cloud and in My Oracle Support. There is no separate **Oracle Utilities Operational Device Management** package to download.

License Restrictions Matrix

- Oracle Utilities Work and Asset Management and Oracle Utilities Operational Device Management are built upon a common asset management architecture. Both products include functionality which must be licensed correctly in order to be used. The table below provides information about these functional areas.
- “✓” indicates that the functional area is included with the product.
- “✓*” indicates that the functional area is included with the product, but in order to use the functionality customers must license *additional* products. For example a customer licensing Oracle Utilities Operational Device Management who wishes to use the integration to Meter Data Management will also need to license Utilities Integration for Device Operations.
- “✗” indicates that the functional area is not included with the product.
- In order to use functionality listed as “not included”, customers must license the product that includes the desired functionality. For example, a customer licensing Oracle Utilities Operational Device Management who wishes to perform

purchasing functions must also license Oracle Utilities Work and Asset Management.

	Oracle Utilities Work and Asset Management	Oracle Utilities Operational Device Management
360 Degree Search The 360 Degree View feature allows users to view data for assets, components, contacts and locations from a single set of portals.	✗	✓
Asset Configurations and Configuration Reports A single asset or component can have many parameters and only certain combinations of parameter values that are allowed. Multiple assets and/or components may work together as a group with only certain combinations of settings that are allowed or supported.	✗	✓
Asset Management for Smart Devices Provides functionality such as the management of firmware updates and testing for smart meters and other devices.	✗	✓
Activity Management for Smart Devices Provides functionality for the creation of activities related to smart devices such as firmware updates and testing.	✗	✓
Integration to Meter Data Management This is a direct integration between Oracle Utilities Operational Device Management and Oracle Utilities Meter Data Management where Oracle Utilities Operational Device Management provides functionality to manage the receipt, installation, maintenance, tracking and removal of large volumes of assets; and Oracle Utilities Meter Data Management supports the loading, Validation, Editing, and Estimation (VEE) of meter data - from meter configuration, to meter read and usage validation to bill determinant calculations.	✗	✓
Asset Replication As devices and other assets are received in large quantities, the Asset Replication portal allows for the receipt, inspection, storage and other processing of these assets in batches.	✓	✓
Process Integration Pack for Oracle Utilities Field Work The Process Integration Pack for Oracle Utilities Field Work supports the creation and synchronization of field work records between Oracle Utilities Mobile Workforce Management and Oracle Utilities Operational Device Management.	✓	✓
Approval Processing Functionality which routes records when they require approval. Approval profiles are set up to manage the requirements for the approval. Approvers can use the Approval Dashboard to manage the approvals that require their attention.	✓	✗
Asset Management Asset management provides functionality to track the purchase, repair, and maintenance of assets and asset components using general work management processing, condition assessments, preventive maintenance techniques, purchasing processing and inventory tracking.	✓	✗

	Oracle Utilities Work and Asset Management	Oracle Utilities Operational Device Management
Oracle Utilities Work and Asset Management Connector for Geospatial Information Systems The GIS Integration uses the Esri ArcGIS server to allow users to view asset layers on a map, and to create and view work requests and work orders on the map. Access the map from the GIS menu after the configuration steps have been completed.	✓*	✗
Financial Transactions and Accounting The system tracks transactions that incur costs including purchasing and procurement costs, inventory and stocking costs, and the costs associated with the labor, equipment and materials that are incurred when completing work.	✓	✗
Home Page Functionality The home page provides a comprehensive dashboard where you can access much of the information you need to review and complete your work.	✓	✗
Inventory Management Inventory is tracked, ordered, and received from vendors and allocated in the Inventory system. As inventory is allocated to work, the system passes this information back to the Work Management system so that maintenance managers and crews know that their parts are available.	✓	✗
Preventive Maintenance The preventive maintenance functionality allows users to predefine maintenance strategies for assets or specific asset locations. This includes defining template work orders and preventative maintenance triggers to manage the frequency of each preventative maintenance work order. Also included in the preventive maintenance functionality is the ability to define maintenance events to manage event based preventive maintenance such as shutdown work.	✓	✗
Purchasing Management Purchasing functions can be used to plan, initiate, and process purchases and purchasing contracts from requisition to invoicing. The system also manages vendors, designated buyers, and stock items.	✓	✗
Construction Work Management Construction Work Management functions can be used to plan and manage work related to construction work. This includes the ability to create work designs and construction work orders, as well as the ability to perform activity reconciliation prior to passing information to a fixed asset system.	✓	✗
Resource Management Resources encompass any object that contributes to the running of your organization. This includes crews and crew shifts, employees, equipment, contacts, documents, standard notes and attachments, and so on.	✓	✗
Work Management Work management is the process by which work orders are requested, planned, approved and activated, work is performed and then work is finished and closed. While the work is being performed, materials, equipment assets and labor are tracked, as applicable to your business processes.	✓	✗

Chapter 3

Third-Party Notices

Open Source or Other Separately Licensed Software

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

Note: A copy of each license appears in the Third-Party License chapter, unless otherwise noted: [Chapter 4: Third-Party Licenses](#).

Provider	Component	Version	License Information
Adam Shaw	FullCalendar	3.10.2	Copyright (c) 2015 Adam Shaw
Adriano Di Giovanni	cordova-plugin-shared-preferences	0.1.0	Copyright (c) 2017 Adriano Di Giovanni
ANTLR	ANTLR	4.5 4.5.3	Copyright (c) 2012 Terence Parr and Sam Harwell All rights reserved.
ANTLR	ANTLR	4.7.2	Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.
ANTLR	Antlr.runtime	3.2	Copyright (c) 2012 Terence Parr and Sam Harwell All rights reserved.
Apache	Ant	1.10.9	Copyright 1999-2020 The Apache Software Foundation The <sync> task is based on code Copyright (c) 2002, Landmark Graphics Corp that has been kindly donated to the Apache Software Foundation.
Apache	bsf.jar	2.4.0	
Apache	cglib	3.3.0	
Apache	commons-cli	1.3.1, 1.4	Copyright 2001-2017 The Apache Software Foundation
Apache	commons-codec	1.15	Copyright 2002-2017 The Apache Software Foundation
Apache	commons-collections	3.2.2, 4.4	Copyright 2001-2019 The Apache Software Foundation
Apache	commons-Fileupload	1.4	Copyright 2002-2018 The Apache Software Foundation

Provider	Component	Version	License Information
Apache	commons-io	2.7	Copyright 2002-2020 The Apache Software Foundation
Apache	commons-lang	2.2, 3.9	Copyright 2001-2018 The Apache Software Foundation
Apache	commons-Logging	1.2	
Apache	commons-text	1.9	Copyright 2014-2020 The Apache Software Foundation
Apache	Groovy	3.0.7	Copyright 2003-2020 The Apache Software Foundation
Apache	HTTP Components Cache	4.1.2	
Apache	HTTP Components Mime	4.1.2	
Apache	HttpCore / HttpComponents Core	4.4.9 4.4.13	Copyright 2005-2019 The Apache Software Foundation
Apache	HttpComponents HttpClient	4.5.13	Copyright 1999-2020 The Apache Software Foundation
Apache	Log4j	2.11.0 2.13.3	Copyright 1999-2017 Apache Software Foundation
Apache	Velocity	1.7 2.1	Copyright (C) 2000-2019 The Apache Software Foundation
Apache	Xalan	2.7.2	
Apache	XMLBeans	3.1.0	
Apache	XMLSchema Core	2.2.4	Copyright 2004-2015 The Apache Software Foundation
Apache Software Foundation	Apache Cordova	7.0.0	
Apache Software Foundation	commons Beanutils	1.9.4	
Apache Software Foundation	Cordova Android	6.4.0	
Apache Software Foundation	Cordova Camera Plugin	4.0.3	
Apache Software Foundation	Cordova Command Line Interface	8.0.0	
Apache Software Foundation	Cordova Device Plugin	2.0.2	
Apache Software Foundation	Cordova File Plugin	6.0.1	

Provider	Component	Version	License Information
Apache Software Foundation	Cordova File Transfer Plugin	1.7.1	
Apache Software Foundation	Cordova Geolocation Plugin	4.0.1	
Apache Software Foundation	Cordova inappbrowser plugin	3.0.0	
Apache Software Foundation	Cordova iOS	4.4.0	
Apache Software Foundation	Cordova Network Information Plugin	2.0.1	
Apache Software Foundation	Cordova WebSQL PlugIn	0.0.10	
Apache Software Foundation	Cordova Whitelist Plugin	1.0.0	
Apache Software Foundation	cordova-plugin-compat	1.1.0	
Brinley Ang	JSignature	2	Copyright (c) 2012 Willow Systems Corp http://willow-systems.com
Castor Project	Castor	1.4.1	Copyright 2004-2005 Werner Guttman 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
Chromium	Cordova Zip Plugin	3.1.0	
Codehaus	Jettison	1.4.1	Copyright 2006 Envoi Solutions LLC 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
Connect2id Ltd	Nimbus JOSE+JWT	8.19	Copyright 2012-2020, Connect2id Ltd.
Crypho AS	Cordova Plugin Pin Check	0.0.6	Copyright (c) 2015 Crypho AS
David Olson	Timezone Data 2010j	2010j	

Provider	Component	Version	License Information
FasterXML, LLC	jackson-annotations	2.10.3	Copyright (c) 2019- Tatu Saloranta, tatu.saloranta@iki.fi
FasterXML, LLC	jackson-core	2.10.3	Copyright (c) 2007 - Tatu Saloranta, tatu.saloranta@iki.fi
FasterXML, LLC	jackson-databind	2.10.3	Copyright (c) 2019- Tatu Saloranta, tatu.saloranta@iki.fi
INRIA, France Telecom	ASM	8.0	Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved.
Ionic	cordova-plugin-ios-keychain	3.0.1	Copyright (c) 2012 Shazron Abdullah
Joe Walnes	Qdox	1.12.1	Copyright (c) 2003-2006, Joe Walnes Copyright (c) 2006-2011, XStream Committers All rights reserved.
Joe Walnes	XStream	1.4.13, 1.4.15	Copyright (c) 2003-2006, Joe Walnes Copyright (c) 2006-2019, XStream Committers All rights reserved.
John Resig	jQuery	2.1.0	Copyright (c) 2011 John Resig, http://jquery.com/
John Resig	jQuery	3.3.1	Copyright (c) 2011 John Resig, http://jquery.com/
jQuery	jQueryUI	1.12.1	Copyright (c) 2010 Paul Bakaus, http://jqueryui.com/ .
jQuery	jQueryMobile	1.4.2	Copyright 2013 jQuery Foundation and other contributors http://jquery.com/
JS Foundation and other contributors	jQuery	3.4.1 3.5.1	Copyright JS Foundation and other contributors, Copyright © 2019 Kyle Simpson <getify@gmail.com>
JSON	accessors-smart	1.3	Copyright (c) 2000-2011 INRIA, France Telecom
JSON-SMART authors	json-smart	2.4	Copyright 2011 JSON-SMART authors
Marijn Haverbeke	CodeMirror	5.58.2	Copyright (C) 2017 by Marijn Haverbeke <marijnh@gmail.com> and others
MetaStuff, Ltd.	Dom4j	2.1.1 2.1.3	Copyright 2001-2016 (C) MetaStuff, Ltd. All Rights Reserved.
Niklas Merz	Cordova Plugin Fingerprint aio	1.7.0	Copyright (c) 2016-2018 Niklas Merz
Opensource	Cordova App-Event Plugin	1.2.1	
Opensource	Cordova BackgroundFetch	5.3.0	
Opensource	Cordova Local Notification Plugin	0.8.5	
Opensource	Cordova SQLite storage adapter	2.3.3	

Provider	Component	Version	License Information
Opensource	Cordova Websocket PlugIn (KNOWLEDGECODE)	0.12.2	
Oracle	JavaScript Extension Toolkit (JET)	9.1.0	Copyright (c) 2014, 2020 Oracle and/or its affiliates
PhoneGap	Cordova Plugin for Barcode Scanner	8.0.0	
Pradeep Singh	cordova-plugin-secure-key-store	1.5.6	Copyright (c) 2017 Pradeep Singh
Quality Open Software	Simple Logging Façade for Java (SLF4J)	1.7.30	Copyright (c) 2004-2017 QOS.ch All rights reserved. Refer to http://www.slf4j.org/license.html .
Red Hat	jboss-logging	3.4.1.FINAL	Copyright 2010 Red Hat, Inc.
Sebastián Katzer	Cordova BackgroundMode PlugIn	0.7.2	
Steven Sanderson	Knockout Mapping	2.4.1	Copyright (c) Steven Sanderson, Roy Jacobs
Steven Sanderson	Knockout.js	3.4.2	Copyright (c) Steven Sanderson, Roy Jacobs
SmartBear Software	swagger-ui	3.18.1 3.26.2	Copyright (c) 2016 SmartBear Software Copyright 2020 SmartBear Software Inc.
Tatu Saloranta	StaxMate	2.0.1 2.4.0	Copyright (c) 2007, Tatu Saloranta All rights reserved.
Terence Parr	ANTLR	2.7.7	Copyright (c) 2005-2009 Terence Parr All rights reserved. BSD License: http://opensource.org/licenses/BSD-3-Clause .
Terence Parr	Antlr.runtime	3.2	Copyright (c) 2005-2009 Terence Parr All rights reserved. BSD License: http://opensource.org/licenses/BSD-3-Clause .
Terracotta, Inc.	Ehcache	2.5.2	Copyright 2001-2004 The Apache Software Foundation. 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 .
The Joda Product (Joda.org)	joda-time	2.9.6	Copyright 2001-2004 The Apache Software Foundation. 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
The Werken Company	Jaxen	1.2.0	Copyright 2003-2006 The Werken Company. All Rights Reserved.

Provider	Component	Version	License Information
Tim Wood	Moment.js	2.21.0	Copyright (c) 2011-2013 Tim Wood, Iskren Chernev, Moment.js contributors
Unicode, Inc.	ICU	63.1	Copyright © 1991-2018 Unicode, Inc. All rights reserved.
The Unicode Consortium	ICU4J	64.2	Copyright © 1991-2019 Unicode, Inc. All rights reserved.
XmlPull Project (xmlpull.org)	Xmlpull	1.1.3.1	Initial authors: Stefan Haustein Aleksander Slominski 2001-12-12

Chapter 4

Third-Party Licenses

This section provides license and copyright information for the associated products. This includes the following:

- [Notice Concerning Usage of ANTLR](#)
- [Notice Concerning Usage of Apache Software](#)
- [Notice Concerning Usage of ASM](#)
- [Notice Concerning Usage of CodeMirror](#)
- [Notice Concerning Usage of Concurrent](#)
- [Notice Concerning Usage of Cordova Plugin Pin Check](#)
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- [Notice Concerning Usage of DOM4J](#)
- [Notice Concerning Usage of FullCalendar](#)
- [Notice Concerning Usage of ICU and ICU4J](#)
- [Notice Concerning Usage of Jaxen](#)
- [Notice Concerning Usage of JQuery \(2.1.0, 3.3.1\)](#)
- [Notice Concerning Usage of JQuery \(3.4.1\)](#)
- [Notice Concerning Usage of JQueryMobile](#)
- [Notice Concerning Usage of JQuery UI](#)
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- [Notice Concerning Usage of Microsoft .NET](#)
- [Notice Concerning Usage of Moment.js](#)
- [Notice Concerning Usage of SLF4J](#)
- [Notice Concerning Usage of Staxmate](#)
- [Notice Concerning Usage of XMLPULL](#)
- [Notice Concerning Usage of XStream](#)

Third-Party Products

The following sections provide notices and information about the third party products indicated.

Notice Concerning Usage of ANTLR

[The BSD License]

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The following files are covered under the Apache 2.0 license:

- apache-xmlbeans-3.1.0.jar
- ant1.10.9.jar
- accessors-smart-1.3.jar
- bsf-2.4.0.jar
- castor-1.3.2-core.jar
- castor-1.3.2-xml-schema.jar
- castor-1.3.2-xml.jar

- cglib-3.3.jar
- commons-beanutils-core-1.9.4.jar
- commons-cli-1.1.jar
- commons-cli-1.4.jar
- commons-codec-1.15.jar
- commons-collections-3.2.2.jar
- commons-collections-4.4.jar
- commons-fileupload-1.4.jar
- commons-httpclient-4.5.13.jar
- commons-io-2.7.jar
- commons-lang-2.2.jar
- commons-lang-3.9.jar
- commons-logging-1.2.jar
- commons-text-1.9.jar
- ehcache-core-2.5.2.jar
- groovy-3.0.7.jar
- httpcore-4.4.3.jar
- jboss-logging-3.4.1.Final.jar
- jackson-annotations-2.10.3
- jackson-core-2.10.3
- jackson-core-asl-1.9.2.jar
- jackson-databind-2.10.3
- jackson-jaxrs-1.9.2.jar
- jackson-mapper-asl-1.9.2.jar
- jackson-xc-2.8.5.jar
- jettison-1.4.1.jar
- json-smart-v2.jar
- jcl-over-slf4j-1.7.3.jar
- joda-time-2.3.jar
- log4j-api-2.11.0.jar
- log4j-core-2.11.0.jar
- log4j-api-2.13.3.jar
- log4j-core-2.13.3.jar
- nimbus-jose-jwt-8.19.jar
- org.apache.http.components.httpclient-4.1.2.jar
- org.apache.http.components.httpclient-cache-4.1.2.jar

- org.apache.http.components.httpcore-4.1.2.jar
- org.apache.http.components.httpmime-4.1.2.jar
- serializer-2.7.2.jar
- trinidad-api-2.1.1.jar
- trinidad-impl-2.1.1.jar
- velocity-1.7.jar
- velocity-2.1.jar
- xalan-2.7.2.jar
- xmlschema-core-2.2.4.jar

The following plugins are covered under the Apache 2.0 license:

- Apache Cordova
- Cordova App-Event plugin
- Cordova Barcode Scanner plugin
- Cordova BackgroundFetch plugin
- Cordova BackgroundMode plugin
- Cordova Camera plugin
- Cordova Device plugin
- Cordova File plugin
- Cordova File Transfer plugin
- Cordova Geolocation plugin
- Cordova InAppBrowser plugin
- Cordova Local Notification plugin
- Cordova Network Information plugin
- Cordova-plugin-ios-keychain
- Cordova Plugin Statusbar
- Cordova SQLite Storage Adapter
- Cordova Websocket plugin
- Cordova WebSQL plugin
- Cordova Whitelist plugin
- Cordova Zip plugin

Apache License

Version 2.0, January 2004

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swagger-ui.js

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