

# **Oracle Utilities Customer To Meter**

Licensing Information User Manual

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Oracle Utilities Customer To Meter Licensing Information User Manual

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# Chapter 1

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## 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 program(s) covered by this document (the “Program(s)”). Entitled or restricted use products or components identified in this document that are not provided with the particular Program may be obtained from the Oracle Software Delivery Cloud website (<https://edelivery.oracle.com>) or from media Oracle may provide. If you have a question about your license rights and obligations, please contact your Oracle sales representative, review the information provided in Oracle’s Software Investment Guide (<http://www.oracle.com/us/corporate/pricing/software-investment-guide/index.html>), and/or contact the applicable Oracle License Management Services representative listed on <http://www.oracle.com/us/corporate/license-management-services/index.html>.

# Chapter 2

## Licensing Information

Product	Subproduct	Licensing Information
Oracle Utilities Customer To Meter Base	Oracle Utilities Customer to Meter Base for Residential Customers	<p>A license to Oracle Utilities Customer to Meter Base for Residential Customers includes full use licenses to:</p> <ul style="list-style-type: none"><li>• Oracle Utilities Customer Care and Billing Base</li><li>• Oracle Utilities Customer Care and Billing Rating and Billing</li><li>• Oracle Utilities Customer Care and Billing Credit and Collections</li><li>• Oracle Utilities Customer Care and Billing Cashiering</li><li>• Oracle Utilities Customer Care and Billing Customer Program Management</li><li>• Oracle Utilities Customer Care and Billing Archiving</li><li>• Oracle Utilities Customer Care and Billing Task Optimization Tools</li><li>• Oracle Utilities Customer Care and Billing Extractors and Schema</li><li>• Oracle Utilities Customer Analytics</li><li>• Oracle Utilities Revenue Analytics</li><li>• Oracle Utilities Credit and Collection Analytics</li><li>• Oracle Utilities Exception Analytics</li><li>• Application Management Pack for Oracle Utilities</li></ul>

Product	Subproduct	Licensing Information
		<p>A license to Oracle Utilities Customer to Meter Base for Residential Customers also includes restricted use licenses to:</p> <ul style="list-style-type: none"> <li>• Oracle Utilities Meter Data Management</li> <li>• Oracle Utilities Smart Grid Gateway</li> <li>• Oracle Utilities Smart Grid Gateway Adapter Development Kit</li> <li>• Oracle Utilities Service Order Management</li> <li>• Oracle Utilities Information Lifecycle Management for Meter Data</li> <li>• Oracle Utilities Meter Data Management Extractors and Schema</li> <li>• Oracle Utilities Meter Data Analytics</li> <li>• Oracle Utilities Operational Device Management</li> <li>• Oracle Utilities Operational Device Management Extractors and Schema</li> <li>• Oracle Utilities Operational Device Analytics</li> </ul> <p>Use of the above listed products is restricted to:</p> <ul style="list-style-type: none"> <li>• Storing details of meter devices used for traditional scalar billing* (device management and device installation)</li> <li>• Managing manual and drive-by reading requests and meter readings / reader remarks for meter devices used for traditional scalar billing*</li> <li>• Importing and storing details of meter readings / usage data (e.g. meter readings / consumption received), from external providers, used for traditional scalar billing*</li> <li>• Managing unmetered item devices (device management and device installation)</li> <li>• Service Investigative Orders for traditional scalar meter and unmetered item devices</li> <li>• Requesting field work and managing field work completion details to and from mobile workforce management systems for scalar billing* meters and unmetered item devices</li> <li>• Requesting field work and managing field work completion details to and from mobile workforce management systems that are not directly related to any types of devices (e.g. tree trimming requests, etc)</li> </ul>

Product	Subproduct	Licensing Information
		<ul style="list-style-type: none"> <li>• Data validation, editing, and estimation (VEE) and creating usage transactions and billing determinants for supporting traditional scalar billing* processes</li> <li>• Estimating and creating usage transactions and bill determinants for supporting unmetered item billing processes</li> <li>• Archiving of meter data used solely to support traditional scalar billing* functions</li> <li>• Use of Meter Data Analytics for traditional scalar billing* purposes.</li> <li>• Use of Oracle Utilities Operational Device Management functionality (asset configuration and configuration reports, asset management for devices (not using general work management processing), and asset replication) and Oracle Utilities Operational Device Analytics for traditional scalar devices</li> <li>• Creating customizations for billing related data, service investigative orders and VEE (validating, estimating, editing measurement data) for traditional scalar billing* processes</li> <li>• Creating customizations for unmetered item device processes</li> </ul>
		<p>These restricted use licenses exclude the use of the above listed products for other processes, including but NOT limited to: processing data for the purpose of interval billing (interval data or corresponding register reads), daily scalar billing (where meter data is uploaded and validated daily), device events, internet of things (IOT) devices, smart meter commands and non-billing aggregations.</p>
		<p>Further, these restricted use licenses do NOT allow users to create custom components related for the purposes of interval billing (interval data or corresponding register reads), daily scalar billing (where meter data is uploaded and validated daily) or other processes, including but not limited to, processing data from frequently read scalar meter devices, interval meter devices, device events, internet of things (IOT) devices, smart meter commands and non-billing aggregations.</p>

Product	Subproduct	Licensing Information
		<p>Any use not expressly permitted above is not included and requires a separate full use license(s) to the above listed products.</p> <p>*Scalar billing refers to readings or quantities that are typically uploaded and validated at the same frequency as the creation of bills related to those meter devices. Where granularity of usage is monthly or longer, these are also treated as scalar billing, irrespective of bill frequency. Scalar billing does not include register reads or interval data coming from interval/smart devices.</p> <ul style="list-style-type: none"> <li>• Examples of scalar billing include: <ul style="list-style-type: none"> <li>• Scalar meter data uploaded and validated monthly and billed monthly</li> <li>• Scalar meter data uploaded and validated monthly and billed quarterly</li> </ul> </li> <li>• Examples of billing not included with these restricted use licenses include but not limited to: <ul style="list-style-type: none"> <li>• Meter data that is uploaded and validated daily but billed monthly</li> <li>• MV-90 meters read monthly</li> <li>• Interval data or register reads from smart meters</li> <li>• Interval data or register reads from interval meters</li> </ul> </li> </ul> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• Oracle Utilities Customer Self Service</li> </ul> <p>Oracle Utilities Customer Care and Billing XAI Inbound Services / Oracle Utilities Customer Care and Billing Inbound Web Services commencing with 'WX' may only be used when users have separately licensed Oracle Utilities Customer Self Service.</p>
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Product	Subproduct	Licensing Information
		<ul style="list-style-type: none"> <li>• Oracle Utilities Customer Care and Billing Customer Program Management</li> <li>• Oracle Utilities Customer Care and Billing Archiving</li> <li>• Oracle Utilities Customer Care and Billing Task Optimization Tools</li> <li>• Oracle Utilities Customer Care and Billing Extractors and Schema</li> <li>• Oracle Utilities Customer Analytics</li> <li>• Oracle Utilities Revenue Analytics</li> <li>• Oracle Utilities Credit and Collection Analytics</li> <li>• Oracle Utilities Exception Analytics</li> <li>• Application Management Pack for Oracle Utilities</li> </ul> <p>A license to Oracle Utilities Customer to Meter Base for Commercial and Industrial Customers also includes restricted use licenses to:</p> <ul style="list-style-type: none"> <li>• Oracle Utilities Meter Data Management</li> <li>• Oracle Utilities Smart Grid Gateway</li> <li>• Oracle Utilities Smart Grid Gateway Adapter Development Kit</li> <li>• Oracle Utilities Service Order Management</li> <li>• Oracle Utilities Information Lifecycle Management for Meter Data</li> <li>• Oracle Utilities Meter Data Management Extractors and Schema</li> <li>• Oracle Utilities Meter Data Analytics</li> <li>• Oracle Utilities Operational Device Management</li> <li>• Oracle Utilities Operational Device Management Extractors and Schema</li> <li>• Oracle Utilities Operational Device Analytics</li> </ul> <p>Use of the above-listed products is restricted to:</p> <ul style="list-style-type: none"> <li>• Storing details of meter devices used for traditional scalar billing* (device management and device installation)</li> <li>• Managing manual and drive-by reading requests and meter readings / reader remarks for meter devices used for traditional scalar billing*</li> </ul>

Product	Subproduct	Licensing Information
		<ul style="list-style-type: none"> <li>• Importing and storing details of meter readings / usage data (e.g. meter readings / consumption received), from external providers, used for traditional scalar billing*</li> <li>• Managing unmetered item devices (device management and device installation)</li> <li>• Service Investigative Orders for traditional scalar meter and unmetered item devices</li> <li>• Requesting field work and managing field work completion details to and from mobile workforce management systems for scalar billing* meters and unmetered item devices</li> <li>• Requesting field work and managing field work completion details to and from mobile workforce management systems that are not directly related to any types of devices (e.g. tree trimming requests, etc)</li> <li>• Data validation, editing, and estimation (VEE) and creating usage transactions and billing determinants for supporting traditional scalar billing* processes</li> <li>• Estimating and creating usage transactions and bill determinants for supporting unmetered item billing processes</li> <li>• Archiving of meter data used solely to support traditional scalar billing* functions</li> <li>• Use of Meter Data Analytics for traditional scalar billing* purposes</li> <li>• Use of Oracle Utilities Operational Device Management functionality (asset configuration and configuration reports, asset management for devices (not using general work management processing), and asset replication) and Oracle Utilities Operational Device Analytics for traditional scalar devices</li> <li>• Creating customizations for billing related data, service investigative orders and VEE (validating, estimating, editing measurement data) for traditional scalar billing* processes</li> <li>• Creating customizations for unmetered item device processes</li> </ul>

Product	Subproduct	Licensing Information
		<p>These restricted use licenses exclude the use of the above-listed products for other processes, including but NOT limited to: processing data for the purpose of interval billing (interval data or corresponding register reads), daily scalar billing (where meter data is uploaded and validated daily), device events, internet of things (IOT) devices, smart meter commands and non-billing aggregations.</p> <p>Further, these restricted use licenses do NOT allow users to create custom components related for the purposes of interval billing (interval data or corresponding register reads), daily scalar billing (where meter data is uploaded and validated daily) or other processes, including but not limited to: processing data from frequently read scalar meter devices, interval meter devices, device events, internet of things (IOT) devices, smart meter commands and non-billing aggregations.</p> <p>Any use not expressly permitted above is not included and requires a separate full use license(s) to the above-listed products.</p> <p>*Scalar billing refers to readings or quantities that are typically uploaded and validated at the same frequency as the creation of bills related to those meter devices. Where granularity of usage is monthly or longer, these are also treated as scalar billing, irrespective of bill frequency. Scalar billing does not include register reads or interval data coming from interval/smart devices.</p> <p>Examples of scalar billing include:</p> <ul style="list-style-type: none"> <li>• Scalar meter data uploaded and validated monthly and billed monthly</li> <li>• Scalar meter data uploaded and validated monthly and billed quarterly</li> </ul> <p>Examples of billing not included with these restricted use licenses include but not limited to:</p> <ul style="list-style-type: none"> <li>• Meter data that is uploaded and validated daily but billed monthly</li> <li>• MV-90 meters read monthly</li> <li>• Interval data or register reads from smart meters</li> <li>• Interval data or register reads from interval meters</li> </ul> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• Oracle Utilities Customer Self Service</li> </ul> <p>Oracle Utilities Customer Care and Billing XAI Inbound Services / Oracle Utilities Customer Care and Billing Inbound Web Services commencing with 'WX' may only be used when users have separately licensed Oracle Utilities Customer Self Service.</p>

# 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.

Provider	Component	Version	License Information
Adam Shaw	FullCalendar	3.9.0	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	Copyright (c) 2012 Terence Parr and Sam Harwell All rights reserved.
ANTLR	ANTLR	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	1.10.5	Copyright © 1999-2018 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 <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> .
Apache	bsf.jar	2.4.0	
Apache	cglib	3.2.4	
Apache	commons-cli	1.3.1, 1.4	Copyright 2001-2017 The Apache Software Foundation
Apache	commons-codec	1.9	
Apache	commons-collections	3.2.2	

<b>Provider</b>	<b>Component</b>	<b>Version</b>	<b>License Information</b>
Apache	commons-Fileupload	1.3.3	Copyright 2001-2018 The Apache Software Foundation
Apache	commons-io	2.6	
Apache	commons-lang	2.2, 3.9	
Apache	commons-Logging	1.2	
Apache	Groovy	2.4.16	
Apache	HTTP Components Cache	4.1.2	
Apache	HTTP Components Mime	4.1.2	
Apache	HttpComponents Core	4.4.9	
Apache	HttpComponents HttpClient	4.5.5	
Apache	Log4j	2.11.0	
Apache	Velocity	1.7	
Apache	Xalan	2.7.2	
Apache	XMLBeans	3.0.1	
Apache Software Foundation	Apache Cordova	7.0.0	
Apache Software Foundation	commons Beanutils	1.9.3	
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	
Apache Software Foundation	Cordova File Transfer Plugin	1.7.1	

<b>Provider</b>	<b>Component</b>	<b>Version</b>	<b>License Information</b>
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 <a href="http://willow-systems.com">http://willow-systems.com</a>
Castor Project	Castor	1.4.1	Copyright 2004-2005 Werner Guttmann  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 <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>
Chromium	Cordova Zip Plugin	3.1.0	
Codehaus	Jettison	1.3.8	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 <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>
Crypho AS	Cordova Plugin Pin Check	0.0.6	Copyright (c) 2015 Crypho AS
David Olson	Timezone Data 2010j	2010j	
FasterXML, LLC	jackson-annotations	2.9.9	Copyright (c) 2019- Tatu Saloranta, <a href="mailto:tatu.saloranta@iki.fi">tatu.saloranta@iki.fi</a>

Provider	Component	Version	License Information
FasterXML, LLC	jackson-core	2.9.9	Copyright © 2008–2019 FasterXML. All rights reserved.  This copy of Jackson JSON processor streaming parser/generator is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivative works.  You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>
FasterXML, LLC	jackson-databind	2.9.9.3	Copyright (c) 2019- Tatu Saloranta, tatu.saloranta@iki.fi
INRIA, France Telecom	ASM	v5.0.4, 7.1	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	1.4.11.1	Copyright (c) 2003-2006, Joe Walnes Copyright (c) 2006-2015, XStream Committers All rights reserved.
John Resig	jQuery	2.1.0	Copyright (c) 2011 John Resig, <a href="http://jquery.com/">http://jquery.com/</a>
John Resig	jQuery	3.3.1	Copyright (c) 2011 John Resig, <a href="http://jquery.com/">http://jquery.com/</a>
jQuery	jQueryUI	1.12.1	Copyright (c) 2010 Paul Bakaus, <a href="http://jqueryui.com/">http://jqueryui.com/</a> .
jQuery	jQueryMobile	1.4.2	Copyright 2013 jQuery Foundation and other contributors <a href="http://jquery.com/">http://jquery.com/</a>
JS Foundation and other contributors	jQuery	3.4.1	Copyright JS Foundation and other contributors, Copyright © 2019 Kyle Simpson < <a href="mailto:getify@gmail.com">getify@gmail.com</a> >
Marijn Haverbeke	CodeMirror	5.41.0	Copyright (C) 2017 by Marijn Haverbeke < <a href="mailto:marijnh@gmail.com">marijnh@gmail.com</a> > and others
MetaStuff, Ltd.	Dom4j	1.6.1 2.1.1	Copyright 2001-2005 (C) MetaStuff, Ltd. All Rights Reserved. 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	

Provider	Component	Version	License Information
Opensource	Cordova SQLite storage adapter	2.3.3	
Opensource	Cordova Websocket PlugIn (KNOWLEDGECODE)	0.12.2	
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)	1.7.26	Copyright (c) 2004-2017 QOS.ch All rights reserved.  Refer to <a href="http://www.slf4j.org/license.html">http://www.slf4j.org/license.html</a> .
Red Hat	jboss-logging	3.3.0. FINAL	
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	Copyright (c) 2016 SmartBear Software
Tatu Saloranta	StaxMate	2.0.1	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: <a href="http://opensource.org/licenses/BSD-3-Clause">http://opensource.org/licenses/BSD-3-Clause</a> .
Terence Parr	Antlr.runtime	3.2	Copyright (c) 2005-2009 Terence Parr All rights reserved. BSD License: <a href="http://opensource.org/licenses/BSD-3-Clause">http://opensource.org/licenses/BSD-3-Clause</a> .
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 <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> .
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 <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>
The Werken Company	Jaxen	1.2.0	Copyright 2003-2006 The Werken Company. All Rights Reserved.



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<b>Provider</b>	<b>Component</b>	<b>Version</b>	<b>License Information</b>
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

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# Chapter 4

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## 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](#)
- [Notice of Usage of Cordova Plugin Shared Preferences](#)
- [Notice of Usage of Cordova Plugin Secure Keystore](#)
- [Notice of Usage of Cordova Plugin Fingerprint aio](#)
- [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](#)
- [Notice Concerning Usage of JSignature](#)
- [Notice Concerning Usage of Knockout](#)
- [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](#)

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## 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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marked - a markdown parser

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swagger-ui.js

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