## **Predix Machine 16.4**

## **Open Source Software List**

In accordance with certain software license terms, the General Electric Company ("GE") makes available the following software package installations. This code is provided to you on an "as is" basis, and GE makes no representations or warranties for the use of this code by you independent of any GE provided software or services.

Refer to the licenses and copyright notices files for each package for any specific license terms that apply to each software bundle, associated with this product release.

**NOTE:** These software package versions may change or be REMOVED as needed for updates to this product.

Software Name & Version (by Component)	Company Link	License Name & Version	Copyright
Activation 1.1	http://repo1.maven.or g/maven2/org/apach e/geronimo/specs/ger onimo- activation_1.1_spec/	Apache License 2.0	Copyright 2003-2010 The Apache Software Foundation
Alpine Linux	https://alpinelinux.org /	GNU General Public License v2.0 or later	
angular-file-upload	http://github.com/dan ialfarid/angular-file- upload/	MIT License	Copyright (c) 2013 danialfarid
angular-filter	http://github.com/a8 m/angular-filter/	MIT License	Ariel Mashraki <ariel@mashraki.co.il></ariel@mashraki.co.il>
angular-form	https://www.npmjs.or g/package/angular- form	MIT License	Copyright (c) 2014 Brian Vaughn
angular-schema-form	http://github.com/Text alk/angular-schema- form/	MIT License	Copyright (c) 2014 Textalk
angular-schema-form- bootstrap	https://www.npmjs.or g/package/angular- schema-form- bootstrap	MIT License	Copyright (c) 2014 Textalk
angular.js 1.3.14	https://www.npmjs.or g/package/angular- sanitize	MIT License	Copyright (c) 2012- 2014 the AngularUI Team
Apache Commons Collections 4.1	http://commons.apac he.org/collections/	Apache License 2.0	Copyright 2001-2013 The Apache Software Foundation

Apache Commons Compress	https://commons.apa che.org/proper/comm	Apache License	Copyright 2001-2013 The Apache Software
1.11,1.12	ons-compress/	2.0	Foundation
Apache Commons FileUpload 1.2.2	http://jakarta.apache. org/commons/fileuplo ad/	Apache License 2.0	Copyright © 2012 The Apache Software Foundation
Apache Commons Lang 2.6,3.4	http://commons.apac he.org/proper/commo ns-lang/	Apache License 2.0	Copyright 2001-2015 The Apache Software Foundation
Apache Commons VFS 2.1	https://commons.apa che.org/proper/comm ons-vfs/	Apache License 2.0	Copyright 2003-2014 The Apache Software Foundation
Apache CXF 2.7.3	http://cxf.apache.org/	Apache License 2.0	Copyright 2006-2013 The Apache Software Foundation
Apache CXF WSN OSGi	http://mirror.netcolog ne.de/maven2/org/ap ache/cxf/services/wsn /cxf-services-wsn- osgi/	Apache License 2.0	Copyright 2006-2013 The Apache Software Foundation
Apache Felix	http://felix.apache.org /site/index.html	Apache License 2.0	Copyright 2006-2015 The Apache Software Foundation
Apache Felix Declarative Services	http://repo1.maven.or g/maven2/org/apach e/felix/org.apache.feli x.scr/	Apache License 2.0	Copyright © 2012 The Apache Software Foundation
Apache Felix Dependency Manager 4.1.0	http://repo.maven.apa che.org/maven2/org/ apache/felix/org.apac he.felix.dependencym anager/	Apache License 2.0	Copyright 2011-2015 The Apache Software Foundation
Apache Felix File Install 3.2.6	https://repository.apa che.org/content/repos itories/releases/org/a pache/felix/org.apach e.felix.fileinstall/	Apache License 2.0	Copyright 2006-2015 The Apache Software Foundation
Apache Felix Http Bundle 2.3.2	http://felix.apache.org /org.apache.felix.http. parent/org.apache.feli x.http.bundle/	Apache License 2.0	Copyright 2006-2014 The Apache Software Foundation
Apache Felix Inventory 1.0.4	http://felix.apache.org /org.apache.felix.inven tory/	Apache License 2.0	Copyright © 2012 The Apache Software Foundation
Apache Felix Web Console Event Plugin 1.1.4	http://repo.maven.apa che.org/maven2/org/ apache/felix/org.apac he.felix.webconsole.pl ugins.event/	Apache License 2.0	Copyright Apache Software Foundation (ASF)

Apache Felix Web Console Package Admin Service Plugin 1.0.2	http://mirrors.ibiblio.or g/maven2/org/apach e/felix/org.apache.feli x.webconsole.plugins. packageadmin/	Apache License 2.0	Copyright Apache Software Foundation (ASF)
Apache Felix Web Console Service Component Runtime/Declarative Services Plugin 1.0.0	http://felix.apache.org /org.apache.felix.webc onsole.plugins.ds/	Apache License 2.0	Copyright Apache Software Foundation (ASF)
Apache Felix Web Management Console	http://repo.maven.apa che.org/maven2//org/ apache/felix/org.apac he.felix.webconsole/	Apache License 2.0	Copyright 2006-2015 The Apache Software Foundation
Apache HttpClient	https://hc.apache.org/	Apache License 2.0	Copyright 1999-2015 The Apache Software Foundation
Apache HttpClient OSGi bundle 4.5.2	http://repo.maven.apa che.org/maven2//org/ apache/httpcompone nts/httpclient-osgi/	Apache License 2.0	All other marks mentioned may be trademarks or registered trademarks of their respective owners.Copyright © 2005-2014 The Apache Software Foundation
Apache HttpComponents Core 4.4.4	http://repo.maven.apa che.org/maven2//org/ apache/httpcompone nts/httpcomponents- core/	Apache License 2.0	Copyright 2005-2015 The Apache Software Foundation
Apache HttpCore OSGi bundle 4.4.4	http://repo.maven.apa che.org/maven2//org/ apache/httpcompone nts/httpcore-osgi/	Apache License 2.0	All other marks mentioned may be trademarks or registered trademarks of their respective owners.Copyright © 2005-2014 The Apache Software Foundation
Apache Jakarta Commons Codec	http://jakarta.apache. org/commons/codec/	Apache License 2.0	Copyright 2002-2014 The Apache Software Foundation
Apache Jakarta Commons Logging	http://jakarta.apache. org/commons/logging /	Apache License 2.0	Copyright © 2001-2014 The Apache Software Foundation
Apache Log4j 1.2.17	http://logging.apache. org/log4j/	Apache License 2.0	Copyright © 1999-2012 Apache Software Foundation
Apache Maven	http://maven.apache. org/	Apache License 2.0	Copyright 2001-2015 The Apache Software Foundation
Apache Tika core 1.10	http://repo.maven.apa	Apache License	Copyright 2007-2012
· · · · · · · · · · · · · · · · · · ·			

	che.org/maven2//org/ apache/tika/tika-core/	2.0	The Apache Software Foundation
Apache-Jakarta Codec 1.10	http://commons.apac he.org/proper/commo ns-codec/	Apache License 2.0	Copyright 2002-2014 The Apache Software Foundation
Apache-Web Services WSS4J	http://ws.apache.org/ wss4j/	Apache License 2.0	Copyright 2004-2013 The Apache Software Foundation
Apache-XML Xml Security	http://xml.apache.org/ security/index.html	Apache License 1.1	
ASM	http://forge.objectweb .org/projects/asm/	BSD 3-clause "New" or "Revised" License	Copyright © 1999- 2008, OW2 Consortium
biz.aQute.bnd	http://repo.maven.apa che.org/maven2//biz/ aQute/bnd/biz.aQute. bnd/	Apache License 2.0	Copyright 2006 aQute SARL
Bootstrap 3.3.2	http://www.nuget.org/ packages/bootstrap	MIT License	Copyright (c) 2014 Twitter, Inc
Commons IO 2.4, 2.5	http://commons.apac he.org/proper/commo ns-io/	Apache License 2.0	Copyright 2002-2012 The Apache Software Foundation
commons-logging 1.2	http://commons.apac he.org/proper/commo ns-logging/	Apache License 2.0	Copyright 2003-2014 The Apache Software Foundation
DataTables 1.8.2	http://github.com/Dat aTables/DataTables/	BSD 3-clause "New" or "Revised" License	Copyright (c) 2008- 2015 SpryMedia Limited
Dean Edwards - forEach.js	http://dean.edwards.n ame/weblog/2006/07 /enum/	MIT License	Copyright © 2004-2016 Dean Edwards. All rights reserved.
DITA Open Toolkit - HTMLSearch Plug-in	http://www.helpml.co m:8088/help/index.jsp ?topic=/org.sample.he lp.doc/htmlsearch/DH SC_BestPractices_htm lsearch.html	Apache License 2.0	
Document Object Model (DOM) Level 2 Core Specification	http://www.w3.org/TR /DOM-Level-2-Core/	W3C Software Notice and License 20021231	Copyright © 2000 W3C®
Dr Dobbs Journal	http://www.drdobbs.c om/	Dr Dobbs Journal License	
Durandal-Bower 2.1.0	http://github.com/Blu eSpire/Durandal- Bower/	MIT License	Copyright (c) 2012 Blue Spire Consulting, Inc.
Eclipse Paho 1.0.2	http://repo.maven.apa che.org/maven2//org/ eclipse/paho/java-	Eclipse Public License 1.0	Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

	parent/		
Eclipse Project	http://www.eclipse.org /eclipse/index.php	Eclipse Public License 1.0	Copyright: Eclipse Foundation
esapi-java-legacy	http://github.com/ESA PI/esapi-java-legacy/	BSD 3-clause "New" or "Revised" License	Copyright (c) 2007, The OWASP Foundation
google-code-prettify	http://code.google.co m/p/google-code- prettify/	Apache License 2.0	
Gson 2.3	http://repo.maven.ap ache.org/maven2//co m/google/code/gson/ gson/	Apache License 2.0	Copyright 2008 Google Inc.
Guava: Google Core Libraries for Java 18.0	http://repo.maven.apa che.org/maven2//com /google/guava/guava /	Apache License 2.0	
H2 Database Engine 1.4.185	http://www.h2databa se.com/html/frame.ht ml	Eclipse Public License 1.0	
Hamcrest	http://code.google.co m/p/hamcrest/	BSD 3-clause "New" or "Revised" License	Copyright (c) 2000- 2015 www.hamcrest.org
HTML Unit	http://htmlunit.sourcef orge.net/	Apache License 2.0	Copyright © 2002– 2016 Gargoyle Software Inc All rights reserved.
ini4j 0.5.4	http://repo.maven.apa che.org/maven2//org/ ini4j/ini4j/	Apache License 2.0	Copyright © 2011. All Rights Reserved.
jasypt: java simplified encryption 1.9.2	http://sourceforge.net /projects/jasypt/	Apache License 2.0	Copyright (c) 2007- 2010, The JASYPT team (http://www.jasypt.org)
Java 2 Platform, Micro Edition Connected Limited Device Configuration (J2ME CLDC)	http://java.sun.com/pr oducts/cldc/	Java(TM) Platform, Micro Edition API Documentation ("Specification")	
Java archiving library 0.7.1	http://repo.maven.apa che.org/maven2//org/ rauschig/jarchivelib/	Apache License 2.0	
Java Modbus Library 1.2	http://sourceforge.net /projects/jamod/	BSD 3-clause "New" or "Revised" License	Copyright © 2010. All Rights Reserved.
Java Servlet API 3.1.0	http://servlet- spec.java.net	Sun GPL With Classpath Exception v2.0 CDDL	

Java Tar	http://www.trustice.co m/java/tar/	Public Domain	Copyrighted (c) by ICE Engineering, Inc.
java-jwt	http://github.com/aut h0/java-jwt/	MIT License	Copyright (c) 2015 Auth0, Inc. <support@auth0.com> (http://auth0.com)</support@auth0.com>
java_crw_demo	http://hg.openjdk.java. net/jdk7/jdk7/jdk/file/t ip/src/share/demo/jv mti/java_crw_demo/	BSD 3-clause "New" or "Revised" License	Copyright (c) 2004, 2007, Oracle and/or its affiliates
JavaEWAH 0.7.9	http://repo.maven.apa che.org/maven2//com /googlecode/javaewa h/JavaEWAH/	Apache License 2.0	(c) 2009-2014 Daniel Lemire, Cliff Moon, David McIntosh, Robert Becho, Colby Ranger, Veronika Zenz, Owen Kaser, Gregory Ssi-Yan- Kai and Rory Graves
JAXB Runtime 2.2.11	http://repo.maven.apa che.org/maven2//org/ glassfish/jaxb/jaxb- runtime/	Sun GPL With Classpath Exception v2.0	Copyright (c) 2013- 2014 Oracle and/or its affiliates. All rights reserved.
jaxb-api 2.2	http://repo1.maven.or g/maven2/javax/xml/ bind/jaxb-api/	Sun GPL With Classpath Exception v2.0	Copyright (c) 2003- 2011 Oracle and/or its affiliates. All rights reserved.
jBCrypt 0.3m	http://github.com/jere myh/jBCrypt/	ISC License	Copyright (c) 2006 Damien Miller
Jersey All (Rebundled)	http://repo.maven.apa che.org/maven2//com /eclipsesource/jaxrs/s wagger-all/	Sun GPL With Classpath Exception v2.0	
Jetty - Java HTTP Servlet Server 3.1.0, 9.2.1	http://www.eclipse.org /jetty/	Apache License 2.0	Copyright © 2014 The Eclipse Foundation.
JGit - Core	http://www.eclipse.org /jgit//org.eclipse.jgit	BSD 3-clause "New" or "Revised" License	Copyright (c) 2007, Eclipse Foundation
joda-time	http://github.com/Jod aOrg/joda-time/	Apache License 2.0	Copyright ©2002- 2016 Joda.org. All Rights Reserved.
jquery 1.7.1,1.11.2, 2.1.3, 2.2.3	http://www.nuget.org/ packages/jQuery http://github.com/jque ry/jquery/ https://www.npmjs.or g/package/jquery	MIT License	Copyright 2014 The jQuery Foundation.
JSch 0.1.53	http://repo.maven.apa che.org/maven2//com /jcraft/jsch/	JSch License	Copyright (c) 2002- 2015 Atsuhiko Yamanaka, JCraft,Inc.
JSON in Java 20131018	http://central.maven.o rg/maven2/org/json/js	JSON License	Copyright (c) 2002 JSON.org

	on/		
json-schema-core	http://github.com/fge/ json-schema-core/	Apache License 2.0	Copyright (c) 2014, Francis Galiegue
JSR-124 - Client Provisioning	http://www.jcp.org/en /jsr/detail?id=124	J2EE(TM) Client Provisioning Specification ("Specification") Version: 1.0	© 2016, Oracle Corporation and/or its affiliates.
jstree 3.0.8	http://github.com/vak ata/jstree/	MIT License	Copyright (c) 2014 Ivan Bozhanov
knockout 3.20, 3.3.0	https://www.npmjs.or g/package/knockout	MIT License	Copyright (c) 2014 Andrey Filonenko andrey.filonenko@aol.c om
knockout-delegatedEvents 0.3.1, 0.5.0	http://github.com/rnie meyer/knockout- delegatedEvents/	MIT License	Copyright (c) 2015 Ryan Niemeyer
knockout-postbox 0.4.2	http://github.com/rnie meyer/knockout- postbox/	MIT License	Copyright (c) 2015 Ryan Niemeyer
KoLite - Lightweight Toolkit for KnockoutJS 1.2.0	http://www.nuget.org/ packages/KoLite	MIT License	Copyright © 2014 Hans Fjällemark & John Papa.
kXML 2 is a small XML pull parser based on the common XML pull API - net.sf.kxml:kxml2 2.3.0	http://repo1.maven.or g/maven2/net/sf/kxml /kxml2/	MIT License	Copyright (c) (1999- 2005) Stefan Haustein, Oberhausen, Rhld., Germany
LittleProxy	https://github.com/ad amfisk/LittleProxy	Apache License 2.0	Copyright 2009 Last Bamboo LLC
Modernizr 2.8.3	http://github.com/Mo dernizr/Modernizr/	MIT License	© 2016 GitHub, Inc.
Mozilla	http://www.mozilla.or g/	Mozilla Public License 2.0	
OPC Foundation Unified Architecture	https://opcfoundation. org/about/opc- technologies/opc-ua/	OPC Foundation License	OPC Foundation, All Rights Reserved. © 2016 Copyright
OpenJDK	http://openjdk.java.net /	GNU General Public License v2.0 w/Classpath exception	
OpenSAML-J 2.5.1	http://repo1.maven.or g/maven2/org/opens aml/opensaml/	Apache License 2.0	
OPS4J Pax Logging - API 1.8.4	http://www.ops4j.org/ projects/pax/logging/ pax-logging-api	Apache License 2.0	Copyright 2007 The Apache Software Foundation
OPS4J Pax Logging - Service 1.8.4	http://www.ops4j.org/ projects/pax/logging/	Apache License 2.0	Copyright 2007 The Apache Software

	pax-logging-service		Foundation
OSGi JAX-RS Multipart Provider 2.2	http://repo.maven.apa che.org/maven2//com /eclipsesource/jaxrs/p rovider-multipart/	Eclipse Public License 1.0	Copyright © 2014 OSGi™ Alliance
OSGi JAX-RS Security Provider 2.2	http://repo.maven.apa che.org/maven2//com /eclipsesource/jaxrs/p rovider-security/	Eclipse Public License 1.0	Copyright © 2014 OSGi™ Alliance
osgi-jax-rs-connector	http://github.com/hst audacher/osgi-jax-rs- connector/	Eclipse Public License 1.0	Copyright (c) 2002 JSON.org
osgi.cmpn 5.0.0	http://www.osgi.org	Apache License 2.0	Copyright © 2016 OSGi™ Alliance.
osgi.core	http://www.osgi.org	Apache License 2.0	Copyright © 2016 OSGi™ Alliance.
protobuf	http://code.google.co m/p/protobuf/	BSD 3-clause "New" or "Revised" License	Copyright 2014, Google Inc.
protobuf-c	http://code.google.co m/p/protobuf-c/	BSD 3-clause "New" or "Revised" License	Copyright (c) 2008- 2016, Dave Benson and the protobuf-c authors.
Protocol Buffer Java API	http://repo1.maven.or g/maven2/com/googl e/protobuf/protobuf- java/	BSD 3-clause "New" or "Revised" License	
Protocol Buffer Java Util Package	http://repo.maven.apa che.org/maven2//com /google/protobuf/prot obuf-java-util/	BSD 3-clause "New" or "Revised" License	
Q in javascript 1.1.2	http://github.com/kris kowal/q/	MIT License	Copyright 2009–2014 Kristopher Michael Kowal
RabbitMQ Java Client - com.rabbitmq:amqp-client 3.4.3	http://repo.maven.apa che.org/maven2//com /rabbitmq/amqp- client/	Apache License 2.0	
requirejs 2.1.16	http://www.nuget.org/ packages/RequireJS	MIT License	Copyright 2010-2015 James Burke
RequireJS text 2.0.12	http://github.com/req uirejs/text/	MIT License	Copyright (c) 2010- 2014, The Dojo Foundation
SAX	http://www.saxproject .org/	Sax Public Domain Notice	
Simple Logging Facade for Java (SLF4J)	http://www.slf4j.org/	slf4j License	Copyright (c) 2004- 2006 SLF4J.ORG Copyright (c) 2004- 2013 QOS.ch

SLF4J API Module	http://repo.maven.apa che.org/maven2//org/ slf4j/slf4j-api/	MIT License	Copyright (c) 2004- 2013 QOS.ch
SLF4J LOG4J-12 Binding	http://repo.maven.apa che.org/maven2//org/ slf4j/slf4j-log4j12/	MIT License	Copyright (c) 2004- 2013 QOS.ch
sortable 2.0	http://www.kryogenix. org/code/browser/sor ttable	Kryogenix MIT License	Copyright 2007, Stuart Langridge
spin.js 1.3.2	http://github.com/fgn ass/spin.js/	MIT License	Copyright (c) 2011- 2015 Felix Gnass [fgnass at gmail dot com]
Spongy Castle Provider 1.47.0.2	http://mirrors.ibiblio.or g/maven2/com/madg ag/scprov-jdk15on/	MIT License	Copyright (c) 2000- 2015 The Legion of the Bouncy Castle Inc. (http://www.bouncycas tle.org)
stax-api 1.0	http://repo1.maven.or g/maven2/stax/stax- api/	Apache License 2.0	
Sun Java Platform Standard Edition (JRE) (J2RE)	http://www.oracle.co m/technetwork/java/j avase/downloads/ind ex.html?jre	Oracle Java SE and JavaFX License	Copyright © 1995- 2016, Oracle and/or its affiliates. All rights reserved.
Sun Java Platform Standard Edition SDK (J2SDK) (JDK)	http://www.oracle.co m/technetwork/java/j avase/downloads/ind ex.html?jdk	Oracle Java SE and JavaFX License	Copyright © 1995- 2016, Oracle and/or its affiliates. All rights reserved.
The Legion of the Bouncy Castle 1.54	http://www.bouncyca stle.org/index.html	MIT License	Copyright © 2013 Legion of the Bouncy Castle Inc.
The Netty Project	http://netty.io/	Apache License 2.0	Copyright © 2016 The Netty project
TrafficCop	http://www.nuget.org/ packages/TrafficCop	MIT License	Copyright © 2011 Jim Cowart
Trio - Printf Done Right 1.1	http://daniel.haxx.se/p rojects/trio/	MIT License	Copyright © Bjorn Reese and Daniel Stenberg
tv4 1.0.17	https://www.npmjs.or g/package/tv4	Public Domain	
Ubuntu	http://www.ubuntu.co m/	GNU General Public License v2.0 or later	Copyright © 2016 Canonical Ltd. Ubuntu and Canonical are registered trademarks of Canonical Ltd.
underscore 1.8.2	https://www.npmjs.or g/package/underscor e	MIT License	Copyright (c) 2009- 2016 Jeremy Ashkenas, DocumentCloud and

			Investigative
WebSocket server API 1.0	http://websocket- spec.java.net	Sun GPL With Classpath Exception v2.0	
Xml Compatibility extensions for Jackson 1.9.13	http://wiki.fasterxml.c om/JacksonHome	Apache License 2.0	
XPP - XML Pull Parser 3- 1.1.3_3	http://www.extreme.in diana.edu/xgws/xsoa p/xpp/	Indiana University Extreme! Lab Software License	
YUI Library 2.9.0	http://yuilibrary.com	BSD 3-clause "New" or "Revised" License	Copyright (c) 2013 Yahoo! Inc

# **Open Source Software Licenses**

License	Used By	Text
21001130	)	Apache Software License Version 1.1
		Copyright (c) 2000 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:
Apache License 1.1	• Apache-XML Xml Security	"This product includes software developed by the Apache Software Foundation (http://www.apache.org/)."
License 1.1		Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.
		4. The names "Apache" 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/>.

Portions of this software are based upon public domain software
originally written at the National Center for Supercomputing
Applications, University of Illinois, Urbana-Champaign.

#### • Activation 1.1

- Apache Commons Collections
- Apache Commons Compress
- Apache Commons FileUpload
- Apache Commons Lang
- Apache Commons Logging
- Apache Commons VFS
- Apache CXF
- Apache CXF WSN OSGi
- Apache Felix
- Apache Felix Declarative Services
- Apache Felix Dependency Manager
- Apache Felix File Install
- Apache Felix Http Bundle
- Apache Felix Inventory
- Apache Felix Web Console Event Plugin
- Apache Felix Web Console Package Admin Service Plugin
- Apache Felix Web Console Service Component Runtime/Decla rative Services Plugin
- Apache Felix Web Management Console

## 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 Éntity" 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

### Apache License 2.0

- Apache HttpClient
- Apache
   HttpClient
   OSGi bundle
- Apache
   HttpCompone
   nts Core
- Apache-Jakarta Codec
- Apache Jakarta Commons
- Apache Jakarta Commons Codec
- Apache Jakarta Commons Logging
- Apache Log4j
- Apache Maven
- Apache Tika Core
- Apache-Web Services WSS4J
- biz.aQute.bnd
- Commons Configuration
- Commons IO
- Commons Logging
- DITA Open Toolkit -HTMLSearch Plug-in
- google-codeprettify
- google-gson
- Guava
- HTML Unit
- HttpClient OSGi bundle
- Ini4j
- jasypt
- Java archiving library
- JavaEWAH
- Jetty
- Joda

- 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:
- 4. You must give any other recipients of the Work or Derivative Works a copy of this License; and

5

6. You must cause any modified files to carry prominent notices stating that You changed the files; and

7.

8. 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

9.

If the Work includes a "NOTICE" text file as part of its 10. 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

- json-schemacore
- LittleProxy
- Log4j
   Implemented
   Over SLF4J
- Netty io.netty:nettyparent
- OpenSAML Java 2
- OPS4J Pax Logging – API
- OPS4J Pax Logging – Service
- osgi.cmpn
- osgi.core
- RabbitMQ
   Java Client
- stax-api
- The Netty Project
- Xml
   Compatibility extensions for Jackson

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.

		Copyright (c) <year>, <owner> All rights reserved.</owner></year>
BSD 3-clause "New" or "Revised" License	<ul> <li>ASM</li> <li>DataTables</li> <li>ESAPI-java-legacy</li> <li>Hamcrest</li> <li>Java Modbus Library</li> <li>java_crw_dem o</li> <li>JGit</li> <li>Protobuf</li> <li>Protobuf-c</li> <li>Protocol Buffer Java API</li> <li>Protocol Buffer Java Util Package</li> <li>YUI Library</li> </ul>	Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:  a. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.  b. 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.  c. Neither the name of the <organization> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.  THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS 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 COPYRIGHT OWNER OR 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.</organization>

## COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0

- 1. Definitions.
- 1.1. Contributor. means each individual or entity that creates or contributes to the creation of Modifications.
- 1.2. Contributor Version. means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.
- 1.3. Covered Software. means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.
- 1.4. Executable. means the Covered Software in any form other than Source Code.
- 1.5. Initial Developer. means the individual or entity that first makes Original Software available under this License.
- 1.6. Larger Work. means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.
  - 1.7. License. means this document.
- 1.8. Licensable. means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.
- 1.9. Modifications. means the Source Code and Executable form of any of the following:
- A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;
- B. Any new file that contains any part of the Original Software or previous Modification; or
- C. Any new file that is contributed or otherwise made available under the terms of this License.
- 1.10. Original Software. means the Source Code and Executable form of computer software code that is originally released under this License.
- 1.11. Patent Claims. means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

### Sun GPL With Classpath Exception v2.0

Distribution

License

- Common Development and
- Java Servlet API
- JAXB Runtime
- JAXB API
- Jersey All
- Validation API
- WebSocket server API

- 1.12. Source Code. means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.
- 1.13. You. (or .Your.) means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, .You. includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, .control. means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

#### 2. License Grants.

### 2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and
- (b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).
- (c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.
- (d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

#### 2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified

basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

- (b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).
- (c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.
- (d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.
- 3. Distribution Obligations.

### 3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

#### 3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

#### 3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

#### 3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients. rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

#### 3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient.s rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

### 3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

#### 4. Versions of the License.

#### 4.1. New Versions.

Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

#### 4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to

use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

#### 4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

#### 5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN .AS IS. BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

#### 6. TERMINATION.

- 6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.
- 6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as .Participant.) alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

#### 7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY. WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY.S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU

#### 8. U.S. GOVERNMENT END USERS.

The Covered Software is a .commercial item,. as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of .commercial computer software. (as that term is defined at 48 C.F.R. ? 252.227-7014(a)(1)) and .commercial computer software documentation. as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

#### 9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction.s conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys. fees and expenses. The application

of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

#### 10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

## NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or

can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the

Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

- 2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works

based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

- 3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
- a) Accompany it with the complete corresponding machinereadable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

- 5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.
- 6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.
- 7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding

those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### **NO WARRANTY**

- 11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
- 12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

**END OF TERMS AND CONDITIONS** 

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

## Copyright (C)

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

#### "CLASSPATH" EXCEPTION TO THE GPL VERSION 2

Certain source files distributed by Sun Microsystems, Inc. are subject to the following clarification and special exception to the GPL Version 2, but only where Sun has expressly included in the particular source file's header the words

"Sun designates this particular file as subject to the "Classpath" exception as provided by Sun in the License file that accompanied this code."

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License Version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module.? An independent module is a module which is not derived from or based on this library.? If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so.? If you do not wish to do so, delete this exception statement from your version.

Dr Dobbs Journal License	• Dr Dobbs Journal	Dr Dobbs Journal License Title added by Steve Snow of Black Duck Software for identification purposes only Redistribution and use in source and binary forms, with or without modification, is permitted, courtesy of CMP Media LLC and Dr. Dobb's Journal. Neither the name of Dr. Dobb's Journal or CMP Media LLC nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. This software is provided by the copyright holders and contributors "as is" and any express 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 copyright owner or 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.

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and

## Eclipse Public

License 1.0

• Eclipse Paho

• Eclipse Project

- H2 Database Engine
- OSGi JAX-RS Multipart Provider
- OSGi JAX-RS Security Provider
- osgi-jax-rsconnector

licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

#### 3. REOUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose; ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:
a) it must be made available under this Agreement; and
b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

4. COMMERCIAL DISTRIBUTION Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified

Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in. the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense. For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damaaes.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED 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. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement , including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), 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 OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails

to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

		Indiana University Extreme! Lab Software License
		Version 1.1.1
		Copyright (c) 2002 Extreme! Lab, Indiana University. 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 Indiana
		University Extreme! Lab
		(http://www.extreme.indiana.edu/)."
In diam a		4. Alternately, this acknowledgment may appear in the software
Indiana University		itself, if and wherever such third-party acknowledgments normally appear.
Extreme! Lab	XPP - XML	5. The names "Indiana Univeristy" and "Indiana Univeristy Extreme!
Software	Pull Parser	Lab" must not be used to endorse or promote products
License	nse	derived from this software without prior written permission.
		For written permission, please contact http://www.extreme.indiana.edu/.
		6. Products derived from this software may not use "Indiana
		Univeristy" name nor may "Indiana Univeristy" appear in their
		name, without prior written permission of the Indiana
		University. 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
		AUTHORS, COPYRIGHT HOLDERS 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.

#### **GNU GENERAL PUBLIC LICENSE**

Version 2. June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software—to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

### GNU General Public License v2.0

- OpenJDK
- Ubuntu

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

- 2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change. b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an

announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

- 3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
- a) Accompany it with the complete corresponding machinereadable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include

anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

- 4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
- 5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.
- 6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.
- 7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances. It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

- 8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
- 9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### **NO WARRANTY**

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND

PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### **END OF TERMS AND CONDITIONS**

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does. Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

		ISC License (ISCL) Copyright (c) 4-digit year, Company or Person's Name
ISC License	• jBCrypt	Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.  THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

SUN MICROSYSTEMS, INC. ("SUN") IS WILLING TO LICENSE THIS SPECIFICATION TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS AGREEMENT. PLEASE READ THE TERMS AND CONDITIONS OF THIS AGREEMENT CAREFULLY. BY DOWNLOADING THIS SPECIFICATION, YOU ACCEPT THE TERMS AND CONDITIONS OF THE AGREEMENT.

Specification: Java(TM) Platform, Micro Edition API Documentation ("Specification")

Version: 1.0

Release: August 19, 2006

Copyright 2006 SUN MICROSYSTEMS, INC. 4150 Network Circle, Santa Clara, California 95054, U.S.A All rights reserved.

### LIMITED LICENSE GRANTS

- 1. <u>License for Evaluation Purposes</u>. Sun hereby grants you a fullypaid, non-exclusive, non-transferable, worldwide, limited license (without the right to sublicense), under Sun's applicable intellectual property rights to view, download, use and reproduce the Specification only for the purpose of internal evaluation. This includes (i) developing applications intended to run on an implementation of the Specification, provided that such applications do not themselves implement any portion(s) of the Specification, and (ii) discussing the Specification with any third party; and (iii) excerpting brief portions of the Specification in oral or written communications which discuss the Specification provided that such excerpts do not in the aggregate constitute a significant portion of the Specification.
- 2. License for the Distribution of Compliant Implementations. Sun also grants you a perpetual, non-exclusive, non-transferable. worldwide, fully paid-up, royalty free, limited license (without the right to sublicense) under any applicable copyrights or, subject to the provisions of subsection 4 below, patent rights it may have covering the Specification to create and/or distribute an Independent Implementation of the Specification that: (a) fully implements the Specification including all its required interfaces and functionality; (b) does not modify, subset, superset or otherwise extend the Licensor Name Space, or include any public or protected packages, classes, Java interfaces, fields or methods within the Licensor Name Space other than those required/authorized by the Specification or Specifications being implemented; and (c) passes the Technology Compatibility Kit (including satisfying the requirements of the applicable TCK Users Guide) for such Specification ("Compliant Implementation"). In addition, the foregoing license is expressly conditioned on your not acting outside its scope. No license is granted hereunder for any other purpose lincluding, for example, modifying the Specification, other than to the extent of your fair use rights, or distributing the Specification to

Java(TM)
Platform,
Micro Edition
API
Documentati
on
("Specification")

Java 2
 Platform,
 Micro Edition
 Connected
 Limited
 Device
 Configuratio
 n (J2ME
 CLDC)

third parties). Also, no right, title, or interest in or to any trademarks, service marks, or trade names of Sun or Sun's licensors, Sun or the Sun's licensors is granted hereunder. Java, and Java-related logos, marks and names are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

- 3. <u>Pass-through Conditions</u>. You need not include limitations (a)-(c) from the previous paragraph or any other particular "pass through" requirements in any license You grant concerning the use of your Independent Implementation or products derived from it. However, except with respect to Independent Implementations (and products derived from them) that satisfy limitations (a)-(c) from the previous paragraph, You may neither: (a) grant or otherwise pass through to your licensees any licenses under Sun's applicable intellectual property rights; nor (b) authorize your licensees to make any claims concerning their implementation's compliance with the Spec in question.
- 4. Reciprocity Concerning Patent Licenses.
- a. With respect to any patent claims covered by the license granted under subparagraph 2 above that would be infringed by all technically feasible implementations of the Specification, such license is conditioned upon your offering on fair, reasonable and non-discriminatory terms, to any party seeking it from You, a perpetual, non-exclusive, non-transferable, worldwide license under Your patent rights which are or would be infringed by all technically feasible implementations of the Specification to develop, distribute and use a Compliant Implementation.

b With respect to any patent claims owned by Sun and covered by the license granted under subparagraph 2, whether or not their infringement can be avoided in a technically feasible manner when implementing the Specification, such license shall terminate with respect to such claims if You initiate a claim against Sun that it has, in the course of performing its responsibilities as the Sun, induced any other entity to infringe Your patent rights.

- c Also with respect to any patent claims owned by Sun and covered by the license granted under subparagraph, where the infringement of such claims can be avoided in a technically feasible manner when implementing the Specification such license, with respect to such claims, shall terminate if You initiate a claim against Sun that its making, having made, using, offering to sell, selling or importing a Compliant Implementation infringes Your patent rights.
- 5. <u>Definitions</u>. For the purposes of this Agreement: "Independent Implementation" shall mean an implementation of the Specification that neither derives from any of Sun's source code or binary code materials nor, except with an appropriate and separate license from Sun, includes any of Sun's source code or binary code materials; "Licensor Name Space" shall mean the public class or interface declarations whose names begin with "java", "javax", "com.sun" or their equivalents in any subsequent naming convention adopted by

Sun through the Java Community Process, or any recognized successors or replacements thereof; and "Technology Compatibility Kit" or "TCK" shall mean the test suite and accompanying TCK User's Guide provided by Sun which corresponds to the Specification and that was available either (i) from Sun's 120 days before the first release of Your Independent Implementation that allows its use for commercial purposes, or (ii) more recently than 120 days from such release but against which You elect to test Your implementation of the Specification.

This Agreement will terminate immediately without notice from Sun if you breach the Agreement or act outside the scope of the licenses granted above.

### DISCLAIMER OF WARRANTIES

THE SPECIFICATION IS PROVIDED "AS IS". SUN MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT (INCLUDING AS A CONSEQUENCE OF ANY PRACTICE OR IMPLEMENTATION OF THE SPECIFICATION), OR THAT THE CONTENTS OF THE SPECIFICATION ARE SUITABLE FOR ANY PURPOSE. This document does not represent any commitment to release or implement any portion of the Specification in any product. In addition, the Specification could include technical inaccuracies or typographical errors.

### LIMITATION OF LIABILITY

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY DAMAGES, INCLUDING WITHOUT LIMITATION. LOST REVENUE. PROFITS OR DATA. OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY. ARISING OUT OF OR RELATED IN ANY WAY TO YOUR HAVING. IMPELEMENTING OR OTHERWISE USING USING THE SPECIFICATION, EVEN IF SUN AND/OR ITS LICENSORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. You will indemnify, hold harmless, and defend Sun and its licensors from any claims arising or resulting from: (i) your use of the Specification; (ii) the use or distribution of your Java application, applet and/or implementation; and/or (iii) any claims that later versions or releases of any Specification furnished to you are incompatible with the Specification provided to you under this license.

#### RESTRICTED RIGHTS LEGEND

U.S. Government: If this Specification is being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), then the Government's rights in the Software and accompanying documentation shall be only as set forth in this license; this is in accordance with 48 C.F.R.

227.7201 through 227.7202-4 (for Department of Defense (DoD) acquisitions) and with 48 C.F.R. 2.101 and 12.212 (for non-DoD acquisitions). **RFPORT** If you provide Sun with any comments or suggestions concerning the Specification ("Feedback"), you hereby: (i) agree that such Feedback is provided on a non-proprietary and non-confidential basis, and (ii) grant Sun a perpetual, non-exclusive, worldwide, fully paid-up, irrevocable license, with the right to sublicense through multiple levels of sublicensees, to incorporate, disclose, and use without limitation the Feedback for any purpose. **GENERAL TERMS** Any action related to this Agreement will be governed by California law and controlling U.S. federal law. The U.N. Convention for the International Sale of Goods and the choice of law rules of any iurisdiction will not apply. The Specification is subject to U.S. export control laws and may be subject to export or import regulations in other countries. Licensee agrees to comply strictly with all such laws and regulations and acknowledges that it has the responsibility to obtain such licenses to export, re-export or import as may be required after delivery to Licensee. This Agreement is the parties' entire agreement relating to its subject matter. It supersedes all prior or contemporaneous oral or written communications, proposals, conditions, representations and warranties and prevails over any conflicting or additional terms of any quote, order, acknowledgment, or other communication between the parties relating to its subject matter during the term of this Agreement. No modification to this Agreement will be binding, unless in writing and signed by an authorized representative of each party. Rev. January, 2006 LFI#151443 Sun/Final/Full SUN MICROSYSTEMS, INC. IS WILLING TO LICENSE THIS SPECIFICATION TO YOU ONLY UPON THE CONDITION THAT YOU J2EE(TM) ACCEPT ALL OF THE TERMS CONTAINED IN THIS LICENSE Client • JSR-124 -**AGREEMENT** Provisioning Client ("AGREEMENT"). PLEASE READ THE TERMS AND CONDITIONS OF Specification Provisioning THIS LICENSE CAREFULLY. BY DOWNLOADING THIS SPECIFICATION. ("Specification YOU ACCEPT THE TERMS AND CONDITIONS OF THIS LICENSE ") Version: 1.0 AGREEMENT. IF YOU ARE NOT WILLING TO BE BOUND BY ITS TERMS. SELECT THE "DECLINE" BUTTON AT THE BOTTOM OF THIS PAGE AND THE DOWNLOADING PROCESS WILL NOT CONTINUE.

J2EE(TM) Client Provisioning Specification ("Specification") Version: 1.0 Status: FCS Release: September 18, 2003 Copyright 2003 Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, California 95054, U.S.A All rights reserv ed. NOTICE; LIMITED LICENSE GRANTS

Sun Microsystems, Inc. ("Sun") hereby grants you a fully-paid, non-exclusive, non-transferable, worldwide, limited license (without the right to sublicense), under the Sun's applicable intellectual pro perty rights to view, download, use and reproduce the Specification only for the purpose of internal evaluation, which shall be understood to include developing applications intended to run on an implementation of the Specification provided th at such applications do not themselves implement any portion(s) of the Specification.

Sun also grants you a perpetual, non-exclusive, worldwide, fully paid-up, royalty free, limited license (without the right to sublicense) under any ap plicable copyrights or patent rights it may have in the Specification to create and/or distribute an Independent Implementation of the Specification that: (i) fully implements the Spec(s) including all its required interfaces and functionality; (ii) does not modify, subset, superset or otherwise extend the Licensor Name Space, or include any public or protected packages, classes, Java interfaces, fields or methods within the Licensor Name Space other than those required/authoriz ed by the Specification or Specifications being implemented; and (iii) passes the TCK (including satisfying the requirements of the applicable TCK Users Guide) for such Specification. The foregoing license is expressly conditioned on your not acting outside its scope. No license is granted hereunder for any other purpose.

You need not include limitations (i)-(iii) from the previous paragraph or any other particular "pass through" requirements in any license You grant concerning the use of your Independent Implementation or products derived from it. However, except with respect to implementations of the Specification (and products derived from them) that satisfy limitations (i)-(iii) from the previous paragraph, You may neither: (a) grant or otherwise pass through to your licensees any licenses under Sun's applicable intellectual property rights; nor (b) authorize your licensees to make any claims concerning their implementation's compliance with the S pec in question.

For the purposes of this Agreement: "Independent Implementation" shall mean an implementation of the Specification that neither derives from any of Sun's source code or binary code materials nor, except with an appropri ate and separate license from Sun, includes any of

Sun's source code or binary code materials; and "Licensor Name Space" shall mean the public class or interface declarations whose names begin with "java", "javax", "com.sun" or their equivalen ts in any subsequent naming convention adopted by Sun through the Java Community Process, or any recognized successors or replacements thereof.

This Agreement will terminate immediately without notice from Sun if you fail to comply with any material provision of or act outside the scope of the licenses granted above. TRADEMARKS

No right, title, or interest in or to any trademarks, service marks, or trade names of Sun or Sun's licensors is granted hereunder. Sun, Sun Microsystems, the Sun logo, Java, J2EE, and the Java Coffee Cup logo are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. DISCLAIMER OF WARRANTIES

THE SPECIFICATION IS PROVIDED "AS IS". SUN M AKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, THAT THE CONTENTS OF THE SPECIFICATION ARE SUITABLE FOR AN Y PURPOSE OR THAT ANY PRACTICE OR IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY THIRD

PARTY PATENTS, COPYRIGHTS, TRADE SECRETS OR OTHER RIGHTS. This document does not represent any commitment to release or implement any portion of the Specification in any product.

THE SPECIFICATION COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE PERIODICALLY ADDED TO THE INFORMATION THEREIN; THESE CHANGES WILL BE INCORPORATED

INTO NEW VERSIONS OF THE SPECIF ICATION, IF ANY. SUN MAY MAKE IMPROVEMENTS AND/OR CHANGES TO THE PRODUCT(S) AND/OR

THE PROGRAM(S) DESCRIBED IN THE SPECIFICATION AT ANY TIME. Any use of such changes in the Specification will be governed by the then-current license for the ap plicable version of the Specification. LIMITATION OF LIABILITY

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY DAMAGES, INCLUDING WITHOUT LIMITATION, LOST REVENUE, PROFITS OR DATA, OR FOR SP ECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF OR RELATED TO ANY FURNISHING, PRACTICING, MODIFYING OR ANY USE OF THE SPECIFICATION, EVEN IF SUN AND/OR IT S LICENSORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You will indemnify, hold harmless, and defend Sun and its licensors from any claims arising or resulting from: (i) your use of the Specification; (ii) the use or distribution of your Java application, applet and/or clean room implementation; and/or (iii) any claims that later versions or releases of any Specification furnished to you are incompatible with the Specification provided to you under this license. RESTRICTED RIGHTS LEGEND

U.S. Government: If this Specification is being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), then the Government's rights in the Software and accompanying documentation shall be only as set forth in this license; this is in accordance with 48 C.F.R. 227.7201 through 227.7202-4 (for Department of Defense (DoD) acquisitions) and with 48 C.F.R. 2.101 and 12.212 (for non-DoD acquisitions). REPORT

You may wish to report any ambiguities, inconsistencies or inaccuracies you may find in connection with your use of the Specification ("Feedback"). To the extent that you provide Sun with any Feedback, you hereby: (i) a gree that such Feedback is provided on a non-proprietary and non-confidential basis, and (ii) grant Sun a perpetual, non-exclusive, worldwide, fully paid-up, irrevocable license, with the right to sublicense through multiple levels of subli censees, to incorporate, disclose, and use without limitation the Feedback for any purpose related to the Specification and future versions, implementations, and test suites thereof.

(LFI#126955/Form ID#011801)

JSch License	• JSch	Title added by Steve Snow of Black Duck Software for identification purposes only JSch 0.0.* was released under the GNU LGPL license. Later, we have switched over to a BSD-style license.  Copyright (c) 2002,2003,2004,2005,2006 Atsuhiko Yamanaka, JCraft,Inc. All rights reserved.  Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:  A. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.  B. 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.  C. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.  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 JCRAFT, INC. OR ANY CONTRIBUTORS TO THIS SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSFOURNIAL DAMAGES (INCI UDING, BUT NOT LIMITED TO.
		IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JCRAFT, INC. OR ANY CONTRIBUTORS TO THIS SOFTWARE BE LIABLE

JSON License	• JSON in Java	The JSON License Copyright (c) 2002 JSON.org 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 shall be used for Good, not Evil. 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.
--------------	----------------	--

Kryogenix MIT License	• Sortable	The MIT Licence, for code from kryogenix.org Code downloaded from the (http://www.kryogenix.org/code/browser) Browser Experiments section of kryogenix.org is licenced under the so-called MIT licence. The licence is below. Copyright (c) 1997-date Stuart Langridge 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 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.
--------------------------	------------	--

- Angular-fileupload
- Angular-filter
- Angular-form
- Angularsanitze
- Angularschema-form
- Angularschema-formbootstrap
- Angular-js
- Bootstrap
- Dean Edwards
- Durandal-Bower
- forEach
- java-jwt
- jquery
- jsTree
- Knockout
- knockoutdelegatedEven ts
- knockoutpostbox
- KoLite
- kXML 2
- Modernizr
- Q in javascript
- RequireJS
- RequireJS text
- Spin.js
- SLF4J API Module
- SLF4J LOG4J-12 Binding
- Spongy Castle Core Lightweight API
- Spongy Castle PKIK, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs
- Spongy Castle Provider
- The Legion of the Bouncy

### The MIT License

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.

Castle
<ul> <li>TrafficCop</li> </ul>
• Trio - Printf
Done Right
• Underscore

Mozilla Public License Version 2.0

### 1. Definitions

### 1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

### 1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

### 1.3. "Contribution"

means Covered Software of a particular Contributor.

### 1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

# 1.5. "Incompatible With Secondary Licenses" means

### Mozilla Public License 2.0

Mozilla

that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

### 1.6. "Executable Form"

means any form of the work other than Source Code Form.

#### 1.7. "Laraer Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

### 1.8. "License"

means this document.

### 1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

## 1.10. "Modifications"

means any of the following:

any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

any new file in Source Code Form that contains any Covered Software.

### 1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

### 1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

### 1.13. "Source Code Form"

means the form of the work preferred for making modifications.

### 1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

### 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

#### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

#### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted

under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

for any code that a Contributor has removed from Covered Software; or

for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

#### 3. Responsibilities

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients'

rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this

License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

### 5. Termination

- 5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.
- 5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.
- 5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

### 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

#### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

#### 10. Versions of the License

#### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want

to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at https://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

	•	
		The following License Agreements are covered below:  OPC Unified Architecture (UA) OPC Classic (COM) OPC .NET 3.0 (Formerly Xi) ====================================
		The Following agreement applies to all UA Specifications:
		=====
		> AGREEMENT OF USE <
		COPYRIGHT RESTRICTIONS
	OPC Foundation Unified Architecture OPC Unified Architecture	Copyright © OPC Foundation, Inc.
OPC Foundation License		Any unauthorized use of this specification may violate copyright laws, trademark laws, and communications regulations and statutes. This document contains information which is protected by copyright. All Rights Reserved. No part of this work covered by copyright herein may be reproduced or used in any form or by any meansgraphic, electronic, or mechanical, including photocopying, recording, taping, or information storage and retrieval systemswithout permission of the copyright owner.  OPC Foundation members and non-members are prohibited from copying and redistributing this specification. All copies must be obtained on an individual basis, directly from the OPC Foundation Web site http://www.opcfoundation.org.
		PATENTS
		The attention of adopters is directed to the possibility that compliance with or adoption of OPC specifications may require use of an invention covered by patent rights. OPC shall not be responsible for identifying patents for which a license may be required by any OPC specification, or for conducting legal inquiries into the legal validity or scope of those patents that are brought to its attention. OPC specifications are prospective and advisory only. Prospective users are responsible for protecting themselves against liability for infringement of patents.
		WARRANTY AND LIABILITY DISCLAIMERS
		WHILE THIS PUBLICATION IS BELIEVED TO BE ACCURATE, IT IS PROVIDED "AS IS" AND MAY CONTAIN ERRORS OR MISPRINTS. THE OPC FOUDATION MAKES NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, WITH REGARD TO THIS PUBLICATION, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF TITLE OR OWNERSHIP, IMPLIED WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A

PARTICULAR PURPOSE OR USE. IN NO EVENT SHALL THE OPC FOUNDATION BE LIABLE FOR ERRORS CONTAINED HEREIN OR FOR DIRECT, INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL, RELIANCE OR COVER DAMAGES, INCLUDING LOSS OF PROFITS, REVENUE, DATA OR USE, INCURRED BY ANY USER OR ANY THIRD PARTY IN CONNECTION WITH THE FURNISHING, PERFORMANCE, OR USE OF THIS MATERIAL, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

The entire risk as to the quality and performance of software developed using this specification is borne by you.

#### RESTRICTED RIGHTS LEGEND

This Specification is provided with Restricted Rights. Use, duplication or disclosure by the U.S. government is subject to restrictions as set forth in (a) this Agreement pursuant to DFARs 227.7202-3(a); (b) subparagraph (c)(1)(i) of the Rights in Technical Data and Computer Software clause at DFARs 252.227-7013; or (c) the Commercial Computer Software Restricted Rights clause at FAR 52.227-19 subdivision (c)(1) and (2), as applicable. Contractor / manufacturer are the OPC Foundation,. 16101 N. 82nd Street, Suite 3B, Scottsdale, AZ, 85260-1830

#### **COMPLIANCE**

The OPC Foundation shall at all times be the sole entity that may authorize developers, suppliers and sellers of hardware and software to use certification marks, trademarks or other special designations to indicate compliance with these materials. Products developed using this specification may claim compliance or conformance with this specification if and only if the software satisfactorily meets the certification requirements set by the OPC Foundation. Products that do not meet these requirements may claim only that the product was based on this specification and must not claim compliance or conformance with this specification.

### **TRADEMARKS**

Most computer and software brand names have trademarks or registered trademarks. The individual trademarks have not been listed here.

### **GENERAL PROVISIONS**

Should any provision of this Agreement be held to be void, invalid, unenforceable or illegal by a court, the validity and enforceability of the other provisions shall not be affected thereby. This Agreement shall be governed by and construed under the laws of the State of Minnesota, excluding its choice or law rules. This Agreement embodies the entire understanding between the parties with respect to, and supersedes any prior understanding or agreement (oral or written) relating to, this specification.

### ISSUE REPORTING

The OPC Foundation strives to maintain the highest quality standards for its published specifications, hence they undergo constant review and refinement. Readers are encouraged to report any issues and view any existing errata here: http://www.opcfoundation.org/errata

\_\_\_\_\_

### OPC UA CODE DELIVERABLE LICENSES

\_\_\_\_\_\_

An overview of the OPC Unified Architecture Licensing scheme can be found here:

http://opcfoundation.org/License

All binaries and documentation files are subject to the term of the "OPC Redistributables License Version 1.00".

The complete license agreement can be found here: http://opcfoundation.org/License/Redistributables/1.00/

All source files are subject to one of

OPC Foundation MIT License Version 1.00
OPC Reciprocal Community License ("RCL") Version 1.00

OPC Reciprocal Community Binary License ("RCBL") Version 1.00

The complete license agreements can be found here:

http://opcfoundation.org/License/MIT/1.00/http://opcfoundation.org/License/RCL/1.00/http://opcfoundation.org/License/RCBL/1.00/

The applicable license agreement is declared at the top of each source file.

If a declaration is missing from a source file then the file is subject to the OPC Reciprocal Community Binary License ("RCBL") Version 1.00.

-----

#### OPC REDISTRIBUTABLES LICENSE 1.00

\_\_\_\_\_

OPC FOUNDATION SOFTWARE LICENSE TERMS OPC FOUNDATION REDISTRIBUTABLES

These license terms are an agreement between the OPC Foundation and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any OPC Foundation

\* updates.

<sup>\*</sup> supplements,

- \* Internet-based services, and
- \* support services

for this software, unless other terms accompany those items. If so, those terms apply.

BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS. IF YOU DO NOT ACCEPT THEM, DO NOT USE THE SOFTWARE.

If you comply with these license terms, you have the rights below.

- 1. INSTALLATION AND USE RIGHTS.
- a. Installation and Use. You may install and use any number of copies of the software on your devices.
- b. Included OPC Foundation Programs. The software may contains other OPC Foundation programs. The license terms with those programs apply to your use of them.
- 2. ADDITIONAL LICENSING REQUIREMENTS AND/OR USE RIGHTS.
- a. Distributable Code. The software contains code that you are permitted to distribute in programs you develop if you comply with the terms below.
- i. Right to Use and Distribute. The code and text files listed below are "Distributable Code."
- \* REDIST.TXT Files. You may copy and distribute the object code form of code listed in REDIST.TXT files.
- \* Sample Code. You may modify, copy, and distribute the source and object code form of code marked as "sample", as well as those marked as follows:

[applicable file directories go here]

- \* Third Party Distribution. You may permit distributors of your programs to copy and distribute the Distributable Code as part of those programs.
- ii. Distribution Requirements. For any Distributable Code you distribute, you must
- \* add significant primary functionality to it in your programs;
- \* require distributors and external end users to agree to terms that protect it at least as much as this agreement;
- \* display your valid copyright notice on your programs; and
- \* indemnify, defend, and hold harmless the OPC Foundation from any claims, including attorneys' fees, related to the distribution or use of your programs.
- iii. Distribution Restrictions. You may not
- \* alter any copyright, trademark or patent notice in the Distributable Code;
- \* use the OPC Foundation's trademarks in your programs' names or in a way that suggests your programs come from or are endorsed by the OPC Foundation;
- \* include Distributable Code in malicious, deceptive or unlawful programs; or
- \* modify or distribute the source code of any Distributable Code so that any part of it becomes subject to an Excluded License. An Excluded License is one that requires, as a condition of use, modification or distribution, that
- \* the code be disclosed or distributed in source code form; or
- \* others have the right to modify it.
- 3. SCOPE OF LICENSE. The software is licensed, not sold. This agreement only gives you some rights to use the software. The OPC

Foundation reserves all other rights. Unless applicable law gives you more rights despite this limitation, you may use the software only as expressly permitted in this agreement. In doing so, you must comply with any technical limitations in the software that only allow you to use it in certain ways. You may not

- \* disclose the results of any benchmark tests of the software to any third party without OPC Foundation's prior written approval;
- \* work around any technical limitations in the software;
- \* reverse engineer, decompile or disassemble the software, except and only to the extent that applicable law expressly permits, despite this limitation;
- \* make more copies of the software than specified in this agreement or allowed by applicable law, despite this limitation;

\* publish the software for others to copy;

- \* rent, lease or lend the software; or
- 4. BACKUP COPY. You may make one backup copy of the software. You may use it only to reinstall the software.
- 5. DOCUMENTATION. Any person that has valid access to your computer or internal network may copy and use the documentation for your internal, reference purposes.
- 6. EXPORT RESTRICTIONS. The software is subject to United States export laws and regulations. You must comply with all domestic and international export laws and regulations that apply to the software. These laws include restrictions on destinations, end users and end use.
- 7. SUPPORT SERVICES. Because this software is "as is," we may not provide support services for it.
- 8. ENTIRE AGREEMENT. This agreement, and the terms for supplements, updates, Internet-based services and support services that you use, are the entire agreement for the software and support services.
- 9. APPLICABLE LAW.
- a. United States. If you acquired the software in the United States, Minnesota state law governs the interpretation of this agreement and applies to claims for breach of it, regardless of conflict of laws principles. The laws of the state where you live govern all other claims, including claims under state consumer protection laws, unfair competition laws, and in tort.
- b. Outside the United States. If you acquired the software in any other country, the laws of that country apply.
- 10. LEGAL EFFECT. This agreement describes certain legal rights. You may have other rights under the laws of your country. You may also have rights with respect to the party from whom you acquired the software. This agreement does not change your rights under the laws of your country if the laws of your country do not permit it to do so.
- 11. DISCLAIMER OF WARRANTY. THE SOFTWARE IS LICENSED "AS-IS." YOU BEAR THE RISK OF USING IT. THS OPC FOUNDATION GIVES NO EXPRESS WARRANTIES, GUARANTEES OR CONDITIONS. YOU MAY HAVE ADDITIONAL CONSUMER RIGHTS UNDER YOUR LOCAL LAWS WHICH THIS AGREEMENT CANNOT CHANGE. TO THE EXTENT PERMITTED UNDER YOUR LOCAL LAWS, THE OPC FOUNDATION EXCLUDES THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-

#### INFRINGEMENT.

12. LIMITATION ON AND EXCLUSION OF REMEDIES AND DAMAGES. YOU CAN RECOVER FROM THE OPC FOUNDATION AND ITS SUPPLIERS ONLY DIRECT DAMAGES UP TO U.S. \$5.00. YOU CANNOT RECOVER ANY OTHER DAMAGES, INCLUDING CONSEQUENTIAL, LOST PROFITS, SPECIAL, INDIRECT OR INCIDENTAL DAMAGES.

This limitation applies to

\* anything related to the software, services, content (including code) on third party Internet sites, or third party programs; and

\* claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law.

It also applies even if the OPC Foundation knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your country may not allow the exclusion or limitation of incidental, consequential or other damages.

Please note: As this software is distributed in Quebec, Canada, some of the clauses in this gareement are provided below in French. Remarque : Ce logiciel étant distribué au Québec, Canada, certaines des clauses dans ce contrat sont fournies ci-dessous en français. EXONÉRATION DE GARANTIE. Le logiciel visé par une licence est offert « tel quel ». Toute utilisation de ce logiciel est à votre seule risque et péril. OPC Foundation n'accorde aucune autre garantie expresse. Vous pouvez bénéficier de droits additionnels en vertu du droit local sur la protection des consommateurs, que ce contrat ne peut modifier. La ou elles sont permises par le droit locale, les garanties implicites de qualité marchande, d'adéquation à un usage particulier et d'absence de contrefaçon sont exclues. LIMITATION DES DOMMAGES-INTÉRÊTS ET EXCLUSION DE RESPONSABILITÉ POUR LES DOMMAGES. Vous pouvez obtenir de OPC Foundation et de ses fournisseurs une indemnisation en cas de dommages directs uniquement à hauteur de 5,00 \$ US. Vous ne pouvez prétendre à aucune indemnisation pour les autres dommages, y compris les dommages spéciaux, indirects ou accessoires et pertes de bénéfices.

Cette limitation concerne:

\* tout ce qui est relié au logiciel, aux services ou au contenu (y compris le code) figurant sur des sites Internet tiers ou dans des programmes tiers ; et

\* les réclamations au titre de violation de contrat ou de garantie, ou au titre de responsabilité stricte, de négligence ou d'une autre faute dans la limite autorisée par la loi en vigueur.

Elle s'applique également, même si OPC Foundation connaissait ou devrait connaître l'éventualité d'un tel dommage. Si votre pays n'autorise pas l'exclusion ou la limitation de responsabilité pour les dommages indirects, accessoires ou de quelque nature que ce soit, il se peut que la limitation ou l'exclusion ci-dessus ne s'appliquera pas à votre égard.

EFFET JURIDIQUE. Le présent contrat décrit certains droits juridiques. Vous pourriez avoir d'autres droits prévus par les lois de votre pays. Le présent contrat ne modifie pas les droits que vous confèrent les lois de votre pays si celles-ci ne le permettent pas.

\_\_\_\_\_\_

RECIPROCAL COMMUNITY LICENSE 1.00 (RCL1.00)

\_\_\_\_\_\_

Reciprocal Community License (RCL)

Version 1.00, June 24, 2009

Copyright (C) 2008,2009 OPC Foundation, Inc., All Rights Reserved. PREAMBLE

The Reciprocal Community License (RCL) is based on the concept of reciprocity or, if you prefer, fairness.

The RCL is adapted from the Open Source Reciprocal Public License (RPL) where the "Public" in the Open Source RPL license is replaced by the "Community" in the RCL License. In short, the RPL license grew out of a desire to close loopholes in previous open source licenses, loopholes that allowed parties to acquire open source software and derive financial benefit from it without having to release their improvements or derivatives to the community which enabled them. This occurred any time an entity did not release their application to a "third party". While there is a certain freedom in this model of licensing, it struck the authors of the RPL as being unfair to the open source community at large and to the original authors of the works in particular. After all, bug fixes, extensions, and meaningful and valuable derivatives were not consistently faster. growth and expansion of the overall open source software base. While you should clearly read and understand the entire license, the essence of the RCL is found in two definitions: "Deploy" and "Required Components".

Regarding deployment, under the RCL your changes, bug fixes, extensions, etc. must be made available to the community when you Deploy in any form -- either internally or to an outside party. Once you start running the software you have to start sharing the software.

Further, under the RCL all derivative work components you author including schemas, scripts, source code, documentation, etc. -- must be shared. You have to share the whole pie, not an isolated slice of it. The authored components you must share are confined to the original module licensed (e.g. SDK, stack, wrapper, proxy, utility, etc.). You do not need to share any additional authored components that you create that utilize the licensed component. This license is meant to be friendly to commercial software vendors that must protect the IP in their code. You are not expected to share your proprietary source code that makes use of the module(s) licensed under this agreement.

The specific terms and conditions of the license are defined in the remainder of this document.

- 1 LICENSE TERMS
- 1.1 General; Applicability & Definitions. This Reciprocal Community License Version 1.00 ("License") applies to any programs or other works as well as any and all updates or maintenance releases of said programs or works ("Software") not already covered by this License which the Software copyright holder ("Licensor")

makes available containing a License Notice (hereinafter defined) from the Licensor specifying or allowing use or distribution under the terms of this License. As used in this License:

- 1.2 "Contributor" means any person or entity who created or contributed to the creation of an Extension.
- 1.3 "Deploy" means to use, Serve, sublicense or distribute Licensed Software other than for Your internal Research and/or Personal Use, and includes without limitation, any and all internal use or distribution of Licensed Software within Your business or organization other than for Research and/or Personal Use, as well as direct or indirect sublicensing or distribution of Licensed Software by You to any third party.
- 1.4 "Derivative Works" as used in this License is defined under U.S. copyright law. For the avoidance of doubt, dynamic or static linking of the Licensed Software (modified or unmodified) with proprietary code does not create a Derivative Work according to this License.
- 1.5 "Extensions" means any Modifications, Derivative Works, or Required Components as those terms are defined in this License.
- 1.6 "License" means this Reciprocal Community License.
- 1.7 "License Notice" means any notice contained in EXHIBIT A.
- 1.8 "Licensed Software" means any Software licensed pursuant to this License. Licensed Software also includes all previous Extensions from any Contributor that You receive.
- 1.9 "Licensor" means the copyright holder of any Software previously not covered by this License who releases the Software under the terms of this License.
- 1.10 "Modifications" means any additions to or deletions from the substance or structure of (i) a file containing Licensed Software, or (ii) any new file that contains any part of Licensed Software.
- 1.11 "Original Licensor" means the Licensor that is the copyright holder of the original work. For this license the Original Licensor is always the OPC Foundation.
- 1.12 "Personal Use" means use of Licensed Software by an individual solely for his or her personal, private and non-commercial purposes. An individual's use of Licensed Software in his or her capacity as an officer, employee, member, independent contractor or agent of a corporation, business or organization (commercial or non-commercial) does not qualify as Personal Use.
- 1.13 "Required Components" means any text, programs, scripts, schema, interface definitions, control files, or other works created by You which are required by a third party of average skill to successfully install and run Licensed Software containing Your Modifications, or to install and run Your Derivative Works. Required Components by this definition are the supporting works that are necessary to utilize your Modifications and Derivative Works. This does not include your applications and supporting works that utilize the Licensed Software.
- 1.14 "Research" means investigation or experimentation for the purpose of understanding the nature and limits of the Licensed Software and its potential uses.
- 1.15 "Serve" means to deliver Licensed Software and/or Your Extensions by means of a computer network to one or more computers for purposes of execution of Licensed Software and/or

Your Extensions.

- 1.16 "Software" means any computer programs or other works as well as any updates or maintenance releases of those programs or works which are distributed publicly by Licensor.
- 1.17 "Source Code" means the preferred form for making modifications to the Licensed Software and/or Your Extensions, including all modules contained therein, plus any associated text, interface definition files, scripts used to control compilation and installation of an executable program or other components required by a third party of average skill to build a running version of the Licensed Software or Your Extensions.
- 1.18 "User-Visible Attribution Notice" means any notice contained in EXHIBIT B.
- 1.19 "You" or "Your" means an individual or a legal entity exercising rights under this License. For legal entities, "You" or "Your" includes any entity which controls, is controlled by, or is under common control with, You, where "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of fifty percent (50%) or more of the outstanding shares or beneficial ownership of such entity.
- 2.0 Acceptance Of License. You are not required to accept this License since you have not signed it, however nothing else grants you permission to use, copy, distribute, modify, or create derivatives of either the Software or any Extensions created by a Contributor. These actions are prohibited by law if you do not accept this License. Therefore, by performing any of these actions You indicate Your acceptance of this License and Your agreement to be bound by all its terms and conditions. IF YOU DO NOT AGREE WITH ALL THE TERMS AND CONDITIONS OF THIS LICENSE DO NOT USE, MODIFY, CREATE DERIVATIVES, OR DISTRIBUTE THE SOFTWARE. IF IT IS IMPOSSIBLE FOR YOU TO COMPLY WITH ALL THE TERMS AND CONDITIONS OF THIS LICENSE THEN YOU CAN NOT USE, MODIFY, CREATE DERIVATIVES, OR DISTRIBUTE THE SOFTWARE.
- 3.0 Grant of License From Licensor. Subject to the terms and conditions of this License, Licensor hereby grants You a world-wide, royalty-free, non- exclusive license, subject to Licensor's intellectual property rights, and any third party intellectual property claims derived from the Licensed Software under this License, to do the following:
- 3.1 Use, reproduce, modify, display, and perform Licensed Software and Your Extensions in both Source Code form or as an executable program. You may also sublicense and distribute Licensed Software and Your Extensions as an executable program. OPC Foundation Corporate Members may also sublicense and distribute Licensed Software and Your Extensions in Source Code form.
- 3.2 Create Derivative Works (as that term is defined under U.S. copyright law) of Licensed Software.
- 3.3 Under claims of patents now or hereafter owned or controlled by Licensor, to make, use, have made, and/or otherwise dispose of Licensed Software or portions thereof, but solely to the extent that any such claim is necessary to enable You to make, use, have made, and/or otherwise dispose of Licensed Software or portions thereof. 3.4 Licensor reserves the right to release new versions of the

Software with different features, specifications, capabilities, functions, licensing terms, general availability or other characteristics. Title, ownership rights, and intellectual property rights in and to the Licensed Software shall remain in Licensor and/or its Contributors.

4.0 Grant of License From Contributor. By application of the provisions in Section 6 below, each Contributor hereby grants You a world-wide, royalty- free, non-exclusive license, subject to said Contributor's intellectual property rights, and any third party intellectual property claims derived from the Licensed Software under this License, to do the following:

4.1 Use, reproduce, modify, display and perform any Extensions Deployed by such Contributor or portions thereof, in both Source Code form or as an executable program, either on an unmodified basis or as part of Derivative Works. You may also sublicense and distribute Extensions Deployed by such Contributor or portions thereof, as an executable program. OPC Foundation Corporate Members may also sublicense and distribute Extensions Deployed by such Contributor or portions thereof, in Source Code form. 4.2 Under claims of patents now or hereafter owned or controlled by Contributor, to make, use, have made, and/or otherwise dispose of Extensions or portions thereof, but solely to the extent that any such claim is necessary to enable You to make, use, have made, and/or otherwise dispose of Licensed Software or portions thereof. 5.0 Exclusions From License Grant. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor or any Contributor except as expressly stated herein. Except as expressly stated in Sections 3 and 4, no other patent rights, express or implied, are granted herein. Your Extensions may require additional patent licenses from Licensor or Contributors which each may grant in its sole discretion. No right is granted to the trademarks of Licensor or any Contributor even if such marks are included in the Licensed Software. Nothing in this License shall be interpreted to prohibit Licensor from licensing under different terms from this License any code that Licensor otherwise would have a right to license. 5.1 You expressly acknowledge and agree that although Licensor and each Contributor grants the licenses to their respective portions of the Licensed Software set forth herein, no assurances are provided by Licensor or any Contributor that the Licensed Software does not infringe the patent or other intellectual property rights of any other entity. Licensor and each Contributor disclaim any liability to You for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, You hereby assume sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow You to distribute the Licensed Software, it is Your responsibility to acquire that license before distributing the Licensed Software.

6.0 Your Obligations And Grants. In consideration of, and as an express condition to, the licenses granted to You under this License You hereby agree that any Modifications, Derivative Works, or Required Components (collectively Extensions) that You create or to

which You contribute are governed by the terms of this License including, without limitation, Section 4. Any Extensions that You create or to which You contribute must be Deployed under the terms of this License or a future version of this License released under Section 7. You hereby grant to Licensor and all third parties a world-wide, non-exclusive, royalty-free license under those intellectual property rights You own or control to use, reproduce, display, perform, modify, create derivatives, sublicense, and distribute Licensed Software, in any form. Any Extensions You make and Deploy must have a distinct title so as to readily tell any subsequent user or Contributor that the Extensions are by You. You must include a copy of this License or directions on how to obtain a copy with every copy of the Extensions You distribute. You agree not to offer or impose any terms on any Source Code or executable version of the Licensed Software, or its Extensions that alter or restrict the applicable version of this License or the recipients' rights hereunder. Additionally, you herby grant to the Original Licensor the right to use, reproduce, display, perform, modify, create derivatives, sublicense, and distribute Licensed Software, in any form, under the terms of this license and/or any other license terms it sees fit. 6.1 Availability of Source Code. You must make available, under the terms of this License, the Source Code of any Extensions that You Deploy, by uploading the Source Code directly to the website of the Original Licensor. The Source Code for any version that You Deploy must be made available within one (1) month of when you Deploy. You may not charge a fee for any copy of the Source Code distributed under this Section. At the sole discretion of the Original Licensor, some or all of Your contributed Source Code may be included in a future baseline version released by the Original Licensor.

6.2 Description of Modifications. You must cause any Modifications that You create or to which You contribute to be documented in the Source Code, clearly describing the additions, changes or deletions You made. You must include a prominent statement that the Modifications are derived, directly or indirectly, from the Licensed Software and include the names of the Licensor and any Contributor to the Licensed Software in (i) the Source Code and (ii) in any notice displayed by the Licensed Software You distribute or in related documentation in which You describe the origin or ownership of the Licensed Software. You may not modify or delete any pre-existing copyright notices, change notices or License text in the Licensed Software without written permission of the respective Licensor or Contributor.

6.3 Intellectual Property Matters.

a. Third Party Claims. If You have knowledge that a license to a third party's intellectual property right is required to exercise the rights granted by this License, You must include a human-readable file with Your distribution that describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact.

b. Contributor APIs. If Your Extensions include an application programming interface ("API") and You have knowledge of patent licenses that are reasonably necessary to implement that API, You must also include this information in a human-readable file supplied

with Your distribution.

c. Representations. You represent that, except as disclosed pursuant to 6.3(a) above, You believe that any Extensions You distribute are Your original creations and that You have sufficient rights to grant the rights conveyed by this License.

6.4 Required Notices.

a. License Text. You must duplicate this License or instructions on how to acquire a copy in any documentation You provide along with the Source Code of any Extensions You create or to which You contribute, wherever You describe recipients' rights relating to Licensed Software.

b. License Notice. You must duplicate any notice contained in EXHIBIT A (the "License Notice") in each file of the Source Code of any copy You distribute of the Licensed Software and Your Extensions. If You create an Extension, You may add Your name as a Contributor to the Source Code and accompanying documentation along with a description of the contribution. If it is not possible to put the License Notice in a particular Source Code file due to its structure, then You must include such License Notice in a location where a user would be likely to look for such a notice. c. User-Visible Attribution. You must duplicate any notice contained in EXHIBIT B (the "User-Visible Attribution Notice") in each uservisible display of the Licensed Software and Your Extensions which delineates copyright, ownership, or similar attribution information. If You create an Extension, You may add Your name as a Contributor, and add Your attribution notice, as an equally visible and functional element of any User-Visible Attribution Notice content. To ensure proper attribution. You must also include such User-Visible Attribution Notice in at least one location in the Software documentation where a user would be likely to look for such notice. 6.5 Additional Terms. You may choose to offer, and charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Licensed Software. However, You may do so only on Your own behalf, and not on behalf of the Licensor or any Contributor except as permitted under other agreements between you and Licensor or Contributor. You must make it clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Licensor and every Contributor for any liability plus attorney fees, costs, and related expenses due to any such action or claim incurred by the Licensor or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

6.6 Conflicts With Other Licenses. Where any portion of Your Extensions, by virtue of being Derivative Works of another product or similar circumstance, fall under the terms of another license, the terms of that license should be honored however You must also make Your Extensions available under this License. If the terms of this License continue to conflict with the terms of the other license you may write the Licensor for permission to resolve the conflict in a fashion that remains consistent with the intent of this License. Such permission will be granted at the sole discretion of the Licensor. 7.0 Versions of This License. Licensor may publish from time to time revised versions of the License. Once Licensed Software has been published under a particular version of the License, You may always

continue to use it under the terms of that version. You may also choose to use such Licensed Software under the terms of any subsequent version of the License published by Licensor. No one other than Licensor has the right to modify the terms applicable to Licensed Software created under this License. 7.1 If You create or use a modified version of this License, which You may do only in order to apply it to software that is not already Licensed Software under this License, You must rename Your license so that it is not confusingly similar to this License, and must make it clear that Your license contains terms that differ from this License. In so naming Your license, You may not use any trademark of Licensor or of any Contributor. Should Your modifications to this License be limited to alteration of a) Section 13.8 solely to modify the legal Jurisdiction or Venue for disputes, b) EXHIBIT A solely to define License Notice text, or c) to EXHIBIT B solely to define a User-Visible Attribution Notice. You may continue to refer to Your License as the Reciprocal Community License or simply the RCL. 8.0 Disclaimer of Warranty. LICENSED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND. EITHER EXPRESS OR IMPLIED. INCLUDING. WITHOUT LIMITATION. WARRANTIES THAT THE LICENSED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. FURTHER THERE IS NO WARRANTY MADE AND ALL IMPLIED WARRANTIES ARE DISCLAIMED THAT THE LICENSED SOFTWARE MEETS OR COMPLIES WITH ANY DESCRIPTION OF PERFORMANCE OR OPERATION, SAID COMPATIBILITY AND SUITABILITY BEING YOUR RESPONSIBILITY. LICENSOR DISCLAIMS ANY WARRANTY, IMPLIED OR EXPRESSED, THAT ANY CONTRIBUTOR'S EXTENSIONS MEET ANY STANDARD OF COMPATIBILITY OR DESCRIPTION OF PERFORMANCE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LICENSED SOFTWARE IS WITH YOU. SHOULD LICENSED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT. YOU (AND NOT THE LICENSOR OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING. REPAIR OR CORRECTION. UNDER THE TERMS OF THIS LICENSOR WILL NOT SUPPORT THIS SOFTWARE AND IS UNDER NO OBLIGATION TO ISSUE UPDATES TO THIS SOFTWARE. LICENSOR HAS NO KNOWLEDGE OF ERRANT CODE OR VIRUS IN THIS SOFTWARE, BUT DOES NOT WARRANT THAT THE SOFTWARE IS FREE FROM SUCH ERRORS OR VIRUSES. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF LICENSED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER. 9.0 Limitation of Liability. UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE). CONTRACT, OR OTHERWISE, SHALL THE LICENSOR, ANY CONTRIBUTOR, OR ANY DISTRIBUTOR OF LICENSED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION. OR ANY AND ALL OTHER COMMERCIAL

DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS

LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU. 10.0 Restricted Rights Legend. This Specification is provided with Restricted Rights. Use, duplication or disclosure by the U.S. government is subject to restrictions as set forth in (a) this Agreement pursuant to DFARs 227.7202-3(a); (b) subparagraph (c)(1)(i) of the Rights in Technical Data and Computer Software clause at DFARs 252.227-7013; or (c) the Commercial Computer Software Restricted Rights clause at FAR 52.227-19 subdivision (c)(1) and (2), as applicable. Contractor / manufacturer are the OPC Foundation, 16101 N. 82nd Street, Suite 3B, Scottsdale, AZ, 85260-1830

11.0 Responsibility for Claims. As between Licensor and Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License which specifically disclaims warranties and limits any liability of the Licensor. This paragraph is to be used in conjunction with and controlled by the Disclaimer Of Warranties of Section 8, the Limitation Of Damages in Section 9, and the disclaimer against use for High Risk Activities in Section 10. The Licensor has thereby disclaimed all warranties and limited any damages that it is or may be liable for. You agree to work with Licensor and Contributors to distribute such responsibility on an equitable basis consistent with the terms of this License including Sections 8, 9, and 10. Nothing herein is intended or shall be deemed to constitute any admission of liability.

12.0 Termination. This License and all rights granted hereunder will terminate immediately in the event of the circumstances described in Section 13.6 or if applicable law prohibits or restricts You from fully and or specifically complying with Sections 3, 4 and/or 6, or prevents the enforceability of any of those Sections, and You must immediately discontinue any use of Licensed Software.

12.1 Automatic Termination Upon Breach. This License and the rights granted hereunder will terminate automatically if You fail to comply with the terms herein and fail to cure such breach within thirty (30) days of becoming aware of the breach. All sublicenses to the Licensed Software that are properly granted shall survive any termination of this License. Provisions that, by their nature, must

remain in effect beyond the termination of this License, shall

12.2 Termination Upon Assertion of Patent Infringement. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Licensor or a Contributor (Licensor or Contributor against whom You file such an action is referred to herein as "Respondent") alleging that Licensed Software directly or indirectly infringes any patent, then any and all rights granted by such Respondent to You under Sections 3 or 4 of this License shall terminate prospectively upon sixty (60) days notice from Respondent (the "Notice Period") unless within that Notice Period You either agree in writing (i) to pay Respondent a mutually

agreeable reasonably royalty for Your past or future use of Licensed Software made by such Respondent, or (ii) withdraw Your litigation claim with respect to Licensed Software against such Respondent. If within said Notice Period a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Licensor to You under Sections 3 and 4 automatically terminate at the expiration of said Notice Period.

12.3 Reasonable Value of This License. If You assert a patent infringement claim against Respondent alleging that Licensed Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by said Respondent under Sections 3 and 4 shall be taken into account in determining the amount or value of any payment or license.

12.4 No Retroactive Effect of Termination. In the event of termination under this Section all end user license agreements (excluding licenses to distributors and resellers) that have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

13.0 Miscellaneous.

13.1 U.S. Government End Users. The Licensed Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Licensed Software with only those rights set forth herein.

13.2 Relationship of Parties. This License will not be construed as creating an agency, partnership, joint venture, or any other form of legal association between or among You, Licensor, or any Contributor, and You will not represent to the contrary, whether expressly, by implication, appearance, or otherwise.

13.3 Independent Development. Nothing in this License will impair Licensor's right to acquire, license, develop, subcontract, market, or distribute technology or products that perform the same or similar functions as, or otherwise compete with, Extensions that You may develop, produce, market, or distribute.

13.4 Consent To Breach Not Waiver. Failure by Licensor or Contributor to enforce any provision of this License will not be deemed a waiver of future enforcement of that or any other provision.

13.5 Severability. This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.

13.6 Inability to Comply Due to Statute or Regulation. If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Licensed Software due to statute, judicial order, or regulation, then You cannot use, modify, or distribute the software.

13.7 Export Restrictions. You may be restricted with respect to

downloading or otherwise acquiring, exporting, or reexporting the Licensed Software or any underlying information or technology by United States and other applicable laws and regulations. By downloading or by otherwise obtaining the Licensed Software, You are agreeing to be responsible for compliance with all applicable laws and regulations.

13.8 Arbitration, Jurisdiction & Venue. This License shall be governed by Minnesota law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. You expressly agree that any dispute relating to this License shall be submitted to binding arbitration under the rules then prevailing of the American Arbitration Association. You further agree that Minnesota USA is proper venue and grant such arbitration proceeding jurisdiction as may be appropriate for purposes of resolving any dispute under this License. Judgment upon any award made in arbitration may be entered and enforced in any court of competent jurisdiction. The arbitrator shall award attorney's fees and costs of arbitration to the prevailing party. Should either party find it necessary to enforce its arbitration award or seek specific performance of such award in a civil court of competent jurisdiction, the prevailing party shall be entitled to reasonable attorney's fees and costs. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. You and Licensor expressly waive any rights to a jury trial in any litigation concerning Licensed Software or this License. Any law or regulation that provides that the language of a contract shall be construed against the drafter shall not apply to this License. 13.9 Entire Agreement. This License constitutes the entire agreement between the parties with respect to the subject matter hereof.

## **EXHIBIT A**

The License Notice below must appear in each file of the Source Code of any copy You distribute of the Licensed Software or any Extensions thereto:

Unless explicitly acquired and licensed from Licensor under another license, the contents of this file are subject to the Reciprocal Community License ("RCL") Version 0.9, or subsequent versions as allowed by the RCL, and You may not copy or use this file in either source code or executable form, except in compliance with the terms and conditions of the RCL.

All software distributed under the RCL is provided strictly on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, AND LICENSOR HEREBY DISCLAIMS ALL SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, OR NON-INFRINGEMENT. See the RCL for specific language governing rights and limitations under the RCL. FXHIBIT B

The User-Visible Attribution Notice below, when provided, must appear in each user-visible display as defined in Section 6.4 (c): "Portions copyright © by OPC Foundation, Inc. and licensed under the Reciprocal Community License (RCL)"

\_\_\_\_\_\_

#### RECIPROCAL COMMUNITY BINARY LICENSE 1.00 (RCBL1.00)

Reciprocal Community Binary License (RCBL) Version 1.00, March 26, 2009

Copyright (C) 2008, 2009 OPC Foundation, Inc., All Rights Reserved. PREAMBLE

The Reciprocal Community Binary License (RCBL) is based on the concept of reciprocity or, if you prefer, fairness.

The RCBL is similar to the Reciprocal Community License with the added restriction that only the Original Licensor may distribute Source Code. All other Licensors may only distribute the licensed components in compiled binary form, including any Contributed code authored directly by the Licensor.

While you should clearly read and understand the entire license, the essence of the RCBL is found in two definitions: "Deploy" and "Required Components".

Regarding deployment, under the RCBL your changes, bug fixes, extensions, etc. must be made available to the community when you Deploy in any form -- either internally or to an outside party. Once you start running the software you have to start sharing the software.

Further, under the RCBL all derivative work components you author including schemas, scripts, source code, documentation, etc. -- must be shared. You have to share the whole pie, not an isolated slice of it. The authored components you must share are confined to the original module licensed (e.g. SDK, stack, wrapper, proxy, utility, etc.). You do not need to share any additional authored components that you create that utilize the licensed component. This license is meant to be friendly to commercial software vendors that must protect the IP in their code. You are not expected to share your proprietary source code that makes use of the module(s) licensed under this agreement.

The specific terms and conditions of the license are defined in the remainder of this document.

- 2 LICENSE TERMS
- 2.1 General; Applicability & Definitions. This Reciprocal Community Binary License Version 1.00 ("License") applies to any programs or other works as well as any and all updates or maintenance releases of said programs or works ("Software") not already covered by this License which the Software copyright holder ("Licensor") makes available containing a License Notice (hereinafter defined) from the Licensor specifying or allowing use or distribution under the terms of this License. As used in this License:
- 2.2 "Contributor" means any person or entity who created or contributed to the creation of an Extension.
- 2.3 "Deploy" means to use, Serve, sublicense or distribute Licensed Software other than for Your internal Research and/or Personal Use, and includes without limitation, any and all internal use or distribution of Licensed Software within Your business or organization other than for Research and/or Personal Use, as well as direct or indirect sublicensing or distribution of Licensed Software

by You to any third party.

- 2.4 "Derivative Works" as used in this License is defined under U.S. copyright law.
- 2.5 "Extensions" means any Modifications, Derivative Works, or Required Components as those terms are defined in this License.
- 2.6 "License" means this Reciprocal Community Binary License.
- 2.7 "License Notice" means any notice contained in EXHIBIT A.
- 2.8 "Licensed Software" means any Software licensed pursuant to this License. Licensed Software also includes all previous Extensions from any Contributor that You receive.
- 2.9 "Licensor" means the copyright holder of any Software previously not covered by this License who releases the Software under the terms of this License.
- 2.10 "Modifications" means any additions to or deletions from the substance or structure of (i) a file containing Licensed Software, or (ii) any new file that contains any part of Licensed Software.
- 2.11 "Original Licensor" means the Licensor that is the copyright holder of the original work. For this license the Original Licensor is always the OPC Foundation.
- 2.12 "Personal Use" means use of Licensed Software by an individual solely for his or her personal, private and non-commercial purposes. An individual's use of Licensed Software in his or her capacity as an officer, employee, member, independent contractor or agent of a corporation, business or organization (commercial or non-commercial) does not qualify as Personal Use.
- 2.13 "Required Components" means any text, programs, scripts, schema, interface definitions, control files, or other works created by You which are required by a third party of average skill to successfully install and run Licensed Software containing Your Modifications, or to install and run Your Derivative Works. Required Components by this definition are the supporting works that are necessary to utilize your Modifications and Derivative Works. This does not include your applications and supporting works that utilize the Licensed Software.
- 2.14 "Research" means investigation or experimentation for the purpose of understanding the nature and limits of the Licensed Software and its potential uses.
- 2.15 "Serve" means to deliver Licensed Software and/or Your Extensions by means of a computer network to one or more computers for purposes of execution of Licensed Software and/or Your Extensions.
- 2.16 "Software" means any computer programs or other works as well as any updates or maintenance releases of those programs or works which are distributed publicly by Licensor.
- 2.17 "Source Code" means the preferred form for making modifications to the Licensed Software and/or Your Extensions, including all modules contained therein, plus any associated text, interface definition files, scripts used to control compilation and installation of an executable program or other components required by a third party of average skill to build a running version of the Licensed Software or Your Extensions.
- 2.18 "User-Visible Attribution Notice" means any notice contained in EXHIBIT B.
- 2.19 "You" or "Your" means an individual or a legal entity

exercising rights under this License. For legal entities, "You" or "Your" includes any entity which controls, is controlled by, or is under common control with, You, where "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of fifty percent (50%) or more of the outstanding shares or beneficial ownership of such entity.

2.0 Acceptance Of License. You are not required to accept this License since you have not signed it, however nothing else grants you permission to use, copy, distribute, modify, or create derivatives of either the Software or any Extensions created by a Contributor. These actions are prohibited by law if you do not accept this License. Therefore, by performing any of these actions You indicate Your acceptance of this License and Your agreement to be bound by all its terms and conditions. IF YOU DO NOT AGREE WITH ALL THE TERMS AND CONDITIONS OF THIS LICENSE DO NOT USE, MODIFY, CREATE DERIVATIVES, OR DISTRIBUTE THE SOFTWARE. IF IT IS IMPOSSIBLE FOR YOU TO COMPLY WITH ALL THE TERMS AND CONDITIONS OF THIS LICENSE THEN YOU CAN NOT USE, MODIFY, CREATE DERIVATIVES, OR DISTRIBUTE THE SOFTWARE.

3.0 Grant of License From Licensor. Subject to the terms and conditions of this License Licensor bareby grants You a world wide.

3.0 Grant of License From Licensor. Subject to the terms and conditions of this License, Licensor hereby grants You a world-wide, royalty-free, non- exclusive license, subject to Licensor's intellectual property rights, and any third party intellectual property claims derived from the Licensed Software under this License, to do the following:

- 3.1 Use, reproduce, modify, display, perform, sublicense and distribute Licensed Software and Your Extensions in binary form only (e.g. as an executable program). UNDER NO CIRCUMSTANCES SHALL THE ORIGINAL WORK OR EXTENSIONS BE SUBLICENSED OR DISTRIBUTED IN SOURCE CODE FORM.
- 3.2 Create Derivative Works (as that term is defined under U.S. copyright law) of Licensed Software.
- 3.3 Under claims of patents now or hereafter owned or controlled by Licensor, to make, use, have made, and/or otherwise dispose of Licensed Software or portions thereof, but solely to the extent that any such claim is necessary to enable You to make, use, have made, and/or otherwise dispose of Licensed Software or portions thereof. 3.4 Licensor reserves the right to release new versions of the Software with different features, specifications, capabilities, functions, licensing terms, general availability or other characteristics. Title, ownership rights, and intellectual property rights in and to the Licensed Software shall remain in Licensor and/or its Contributors.
- 4.0 Grant of License From Contributor. By application of the provisions in Section 6 below, each Contributor hereby grants You a world-wide, royalty- free, non-exclusive license, subject to said Contributor's intellectual property rights, and any third party intellectual property claims derived from the Licensed Software under this License, to do the following:
- 4.1 Use, reproduce, modify, display, perform, sublicense and distribute any Extensions Deployed by such Contributor or portions thereof, in both Source Code form or as an executable program, either on an unmodified basis or as part of Derivative Works.

4.2 Under claims of patents now or hereafter owned or controlled by Contributor, to make, use, have made, and/or otherwise dispose of Extensions or portions thereof, but solely to the extent that any such claim is necessary to enable You to make, use, have made. and/or otherwise dispose of Licensed Software or portions thereof. 5.0 Exclusions From License Grant. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor or any Contributor except as expressly stated herein. Except as expressly stated in Sections 3 and 4, no other patent rights, express or implied, are granted herein. Your Extensions may require additional patent licenses from Licensor or Contributors which each may grant in its sole discretion. No right is granted to the trademarks of Licensor or any Contributor even if such marks are included in the Licensed Software. Nothing in this License shall be interpreted to prohibit Licensor from licensing under different terms from this License any code that Licensor otherwise would have a right to license. 5.1 You expressly acknowledge and agree that although Licensor and each Contributor grants the licenses to their respective portions of the Licensed Software set forth herein, no assurances are provided by Licensor or any Contributor that the Licensed Software does not infringe the patent or other intellectual property rights of any other entity. Licensor and each Contributor disclaim any liability to You for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder. You hereby assume sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow You to distribute the Licensed Software, it is Your responsibility to acquire that license before distributing the Licensed Software.

6.0 Your Obligations And Grants. In consideration of, and as an express condition to, the licenses granted to You under this License You hereby agree that any Modifications, Derivative Works, or Required Components (collectively Extensions) that You create or to which You contribute are governed by the terms of this License including, without limitation, Section 4. Any Extensions that You create or to which You contribute must be Deployed under the terms of this License or a future version of this License released under Section 7. You hereby grant to Licensor and all third parties a world-wide, non-exclusive, royalty-free license under those intellectual property rights You own or control to use, reproduce, display, perform, modify, create derivatives, sublicense, and distribute Licensed Software, in any form. Any Extensions You make and Deploy must have a distinct title so as to readily tell any subsequent user or Contributor that the Extensions are by You. You must include a copy of this License or directions on how to obtain a copy with every copy of the Extensions You distribute. You agree not to offer or impose any terms on any Source Code or executable version of the Licensed Software, or its Extensions that alter or restrict the applicable version of this License or the recipients' rights hereunder. Additionally, you herby grant to the Original Licensor the right to use, reproduce, display, perform, modify, create derivatives, sublicense, and distribute Licensed Software, in any form, under the

terms of this license and/or any other license terms it sees fit. 6.1 Availability of Source Code. You must make available, under the terms of this License, the Source Code of any Extensions that You Deploy, by uploading the Source Code directly to the website of the Original Licensor. The Source Code for any version that You Deploy must be made available within one (1) month of when you Deploy. You may not charge a fee for any copy of the Source Code distributed under this Section. At the sole discretion of the Original Licensor, some or all of Your contributed Source Code may be included in a future baseline version released by the Original Licensor.

6.2 Description of Modifications. You must cause any Modifications that You create or to which You contribute to be documented in the Source Code, clearly describing the additions, changes or deletions You made. You must include a prominent statement that the Modifications are derived, directly or indirectly, from the Licensed Software and include the names of the Licensor and any Contributor to the Licensed Software in (i) the Source Code and (ii) in any notice displayed by the Licensed Software You distribute or in related documentation in which You describe the origin or ownership of the Licensed Software. You may not modify or delete any pre-existing copyright notices, change notices or License text in the Licensed Software without written permission of the respective Licensor or Contributor.

6.3 Intellectual Property Matters.

- a. Third Party Claims. If You have knowledge that a license to a third party's intellectual property right is required to exercise the rights granted by this License, You must include a human-readable file with Your distribution that describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact.
- b. Contributor APIs. If Your Extensions include an application programming interface ("API") and You have knowledge of patent licenses that are reasonably necessary to implement that API, You must also include this information in a human-readable file supplied with Your distribution.
- c. Representations. You represent that, except as disclosed pursuant to 6.3(a) above, You believe that any Extensions You distribute are Your original creations and that You have sufficient rights to grant the rights conveyed by this License.

6.4 Required Notices.

- a. License Text. You must duplicate this License or instructions on how to acquire a copy in any documentation You provide along with the Source Code of any Extensions You create or to which You contribute, wherever You describe recipients' rights relating to Licensed Software.
- b. License Notice. You must duplicate any notice contained in EXHIBIT A (the "License Notice") in each file of the Source Code of any copy You distribute of the Licensed Software and Your Extensions. If You create an Extension, You may add Your name as a Contributor to the Source Code and accompanying documentation along with a description of the contribution. If it is not possible to put the License Notice in a particular Source Code file due to its structure, then You must include such License Notice in a location

where a user would be likely to look for such a notice. c. User-Visible Attribution. You must duplicate any notice contained in EXHIBIT B (the "User-Visible Attribution Notice") in each uservisible display of the Licensed Software and Your Extensions which delineates copyright, ownership, or similar attribution information. If You create an Extension, You may add Your name as a Contributor, and add Your attribution notice, as an equally visible and functional element of any User-Visible Attribution Notice content. To ensure proper attribution, You must also include such User-Visible Attribution Notice in at least one location in the Software documentation where a user would be likely to look for such notice. 6.5 Additional Terms. You may choose to offer, and charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Licensed Software. However, You may do so only on Your own behalf, and not on behalf of the Licensor or any Contributor except as permitted under other gareements between you and Licensor or Contributor. You must make it clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Licensor and every Contributor for any liability plus attorney fees, costs, and related expenses due to any such action or claim incurred by the Licensor or such Contributor as a result of warranty, support, indemnity or liability terms You offer. 6.6 Conflicts With Other Licenses. Where any portion of Your Extensions, by virtue of being Derivative Works of another product or similar circumstance, fall under the terms of another license, the terms of that license should be honored however You must also make Your Extensions available under this License. If the terms of this License continue to conflict with the terms of the other license you may write the Licensor for permission to resolve the conflict in a fashion that remains consistent with the intent of this License. Such permission will be granted at the sole discretion of the Licensor. 7.0 Versions of This License. Licensor may publish from time to time revised versions of the License. Once Licensed Software has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Licensed Software under the terms of any subsequent version of the License published by Licensor. No one other than Licensor has the right to modify the terms applicable to Licensed Software created under this License. 7.1 If You create or use a modified version of this License, which You may do only in order to apply it to software that is not already Licensed Software under this License, You must rename Your license so that it is not confusingly similar to this License, and must make it clear that Your license contains terms that differ from this License. In so naming Your license, You may not use any trademark of Licensor or of any Contributor. Should Your modifications to this License be limited to alteration of a) Section 13.8 solely to modify the legal Jurisdiction or Venue for disputes, b) EXHIBIT A solely to define License Notice text, or c) to EXHIBIT B solely to define a User-Visible Attribution Notice, You may continue to refer to Your License as the Reciprocal Community Binary License or simply the RCBL. 8.0 Disclaimer of Warranty. LICENSED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF

ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE LICENSED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. FURTHER THERE IS NO WARRANTY MADE AND ALL IMPLIED WARRANTIES ARE DISCLAIMED THAT THE LICENSED SOFTWARE MEETS OR COMPLIES WITH ANY DESCRIPTION OF PERFORMANCE OR OPERATION, SAID COMPATIBILITY AND SUITABILITY BEING YOUR RESPONSIBILITY. LICENSOR DISCLAIMS ANY WARRANTY, IMPLIED OR EXPRESSED, THAT ANY CONTRIBUTOR'S EXTENSIONS MEET ANY STANDARD OF COMPATIBILITY OR DESCRIPTION OF PERFORMANCE. THE ENTIRE RISK AS TO THE OUALITY AND PERFORMANCE OF THE LICENSED SOFTWARE IS WITH YOU. SHOULD LICENSED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (AND NOT THE LICENSOR OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. UNDER THE TERMS OF THIS LICENSOR WILL NOT SUPPORT THIS SOFTWARE AND IS UNDER NO OBLIGATION TO ISSUE UPDATES TO THIS SOFTWARE. LICENSOR HAS NO KNOWLEDGE OF ERRANT CODE OR VIRUS IN THIS SOFTWARE, BUT DOES NOT WARRANT THAT THE SOFTWARE IS FREE FROM SUCH ERRORS OR VIRUSES. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF LICENSED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

9.0 Limitation of Liability. UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL THE LICENSOR, ANY CONTRIBUTOR, OR ANY DISTRIBUTOR OF LICENSED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION. OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU. 10.0 Restricted Rights Legend. This Specification is provided with Restricted Rights. Use, duplication or disclosure by the U.S. government is subject to restrictions as set forth in (a) this Agreement pursuant to DFARs 227.7202-3(a); (b) subparagraph (c)(1)(i) of the Rights in Technical Data and Computer Software clause at DFARs 252.227-7013; or (c) the Commercial Computer Software Restricted Rights clause at FAR 52.227-19 subdivision (c)(1) and (2), as applicable. Contractor / manufacturer are the OPC Foundation, 16101 N. 82nd Street, Suite 3B, Scottsdale, AZ, 85260-1830

11.0 Responsibility for Claims. As between Licensor and Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this

License which specifically disclaims warranties and limits any liability of the Licensor. This paragraph is to be used in conjunction with and controlled by the Disclaimer Of Warranties of Section 8, the Limitation Of Damages in Section 9, and the disclaimer against use for High Risk Activities in Section 10. The Licensor has thereby disclaimed all warranties and limited any damages that it is or may be liable for. You agree to work with Licensor and Contributors to distribute such responsibility on an equitable basis consistent with the terms of this License including Sections 8, 9, and 10. Nothing herein is intended or shall be deemed to constitute any admission of liability.

12.0 Termination. This License and all rights granted hereunder will terminate immediately in the event of the circumstances described in Section 13.6 or if applicable law prohibits or restricts You from fully and or specifically complying with Sections 3, 4 and/or 6, or prevents the enforceability of any of those Sections, and You must immediately discontinue any use of Licensed Software.

12.1 Automatic Termination Upon Breach. This License and the rights granted hereunder will terminate automatically if You fail to comply with the terms herein and fail to cure such breach within thirty (30) days of becoming aware of the breach. All sublicenses to the Licensed Software that are properly granted shall survive any termination of this License. Provisions that, by their nature, must remain in effect beyond the termination of this License, shall survive.

12.2 Termination Upon Assertion of Patent Infringement. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Licensor or a Contributor (Licensor or Contributor against whom You file such an action is referred to herein as "Respondent") alleging that Licensed Software directly or indirectly infringes any patent, then any and all rights granted by such Respondent to You under Sections 3 or 4 of this License shall terminate prospectively upon sixty (60) days notice from Respondent (the "Notice Period") unless within that Notice Period You either agree in writing (i) to pay Respondent a mutually agreeable reasonably royalty for Your past or future use of Licensed Software made by such Respondent, or (ii) withdraw Your litigation claim with respect to Licensed Software against such Respondent. If within said Notice Period a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Licensor to You under Sections 3 and 4 automatically terminate at the expiration of said Notice Period.

12.3 Reasonable Value of This License. If You assert a patent infringement claim against Respondent alleging that Licensed Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by said Respondent under Sections 3 and 4 shall be taken into account in determining the amount or value of any payment or license.

12.4 No Retroactive Effect of Termination. In the event of termination under this Section all end user license agreements (excluding licenses to distributors and resellers) that have been

validly granted by You or any distributor hereunder prior to termination shall survive termination.

13.0 Miscellaneous.

13.1 U.S. Government End Users. The Licensed Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Licensed Software with only those rights set forth herein.

13.2 Relationship of Parties. This License will not be construed as creating an agency, partnership, joint venture, or any other form of legal association between or among You, Licensor, or any Contributor, and You will not represent to the contrary, whether expressly, by implication, appearance, or otherwise.

13.3 Independent Development. Nothing in this License will impair Licensor's right to acquire, license, develop, subcontract, market, or distribute technology or products that perform the same or similar functions as, or otherwise compete with, Extensions that You may develop, produce, market, or distribute.

13.4 Consent To Breach Not Waiver. Failure by Licensor or Contributor to enforce any provision of this License will not be deemed a waiver of future enforcement of that or any other provision.

13.5 Severability. This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.

13.6 Inability to Comply Due to Statute or Regulation. If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Licensed Software due to statute, judicial order, or regulation, then You cannot use, modify, or distribute the software.

13.7 Export Restrictions. You may be restricted with respect to downloading or otherwise acquiring, exporting, or reexporting the Licensed Software or any underlying information or technology by United States and other applicable laws and regulations. By downloading or by otherwise obtaining the Licensed Software, You are agreeing to be responsible for compliance with all applicable laws and regulations.

13.8 Arbitration, Jurisdiction & Venue. This License shall be governed by Minnesota law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. You expressly agree that any dispute relating to this License shall be submitted to binding arbitration under the rules then prevailing of the American Arbitration Association. You further agree that Minnesota USA is proper venue and grant such arbitration proceeding jurisdiction as may be appropriate for purposes of resolving any dispute under this License. Judgment upon any award made in arbitration may be entered and enforced in any court of competent jurisdiction. The arbitrator shall award attorney's fees and costs of arbitration to the prevailing party. Should either party find it necessary to enforce its arbitration award or seek specific

performance of such award in a civil court of competent jurisdiction, the prevailing party shall be entitled to reasonable attorney's fees and costs. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. You and Licensor expressly waive any rights to a jury trial in any litigation concerning Licensed Software or this License. Any law or regulation that provides that the language of a contract shall be construed against the drafter shall not apply to this License. 13.9 Entire Agreement. This License constitutes the entire agreement between the parties with respect to the subject matter hereof.

**EXHIBIT A** 

The License Notice below must appear in each file of the Source Code of any copy You distribute of the Licensed Software or any Extensions thereto:

Unless explicitly acquired and licensed from Licensor under another license, the contents of this file are subject to the Reciprocal Community Binary License ("RCBL") Version 1.00, or subsequent versions as allowed by the RCBL, and You may not copy or use this file in either source code or executable form, except in compliance with the terms and conditions of the RCBL.

All software distributed under the RCBL is provided strictly on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, AND LICENSOR HEREBY DISCLAIMS ALL SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, OR NON-INFRINGEMENT. See the RCBL for specific language governing rights and limitations under the RCBL. FXHIBIT B

The User-Visible Attribution Notice below, when provided, must appear in each user-visible display as defined in Section 6.4 (c):

\_\_\_\_\_

**OPC FOUNDATION MIT LICENSE 1.00** 

\_\_\_\_\_\_

OPC Foundation MIT License 1.00

Copyright (c) 2008,2009 OPC Foundation, Inc.

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.

The following license applies to all OPC .NET 3.0 deliverables

\_\_\_\_\_\_

Express Interface (Xi) Public License (Xi-PL)

#### --> AGREEMENT OF USE <--

This license governs use of the accompanying OPC Express Interface software. No right or license is granted whatsoever if this license is not accepted. Any use of the software will be deemed as an acceptance of the terms of this license. If you do not accept the license, do not use the Express Interface software.

## 1. Definitions

The terms "reproduce," "reproduction," "derivative works," and "distribution" have the same meaning here as under U.S. copyright law.

A "contribution" shall include the original Express Interface software (source code and/or object code) and any additions or changes to the Express Interface software. This Express Interface software shall also include the interface contracts and the Express Interface software used to support the development of clients and servers that use this interface.

A "contributor" is any person that distributes its contribution under this license.

"Licensed patents" are a contributor's patent claims that read directly on its contribution.

# 2. Grant of Rights

(A) Copyright Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free copyright license to reproduce its contribution, prepare derivative works of its contribution, and distribute its contribution or any derivative works that you create.

This license grants you a copyright license to make unlimited copies of the Express Interface software in source or object code form, as

well as to create derivative works (as that term is defined under US copyright law). This means that in addition to making unlimited copies of the Express Interface software, you have a copyright license to modify the Express Interface software and to use all or part of the Express Interface software to create a derivative work that implements or uses the Express Interface software. This license expressly prohibits using the Express Interface software or any derivatives of it outside its intended use. In other words, no right or license is granted for the use of the Express Interface software or its derivatives outside the use of implementing the communications between a client and a server over a network or using it to implement the Express Interface client or server. Further, all contributions must maintain the existing interface contracts interoperability with the Express Interface.

#### 3. Conditions and Limitations

- (A) No Trademark License This license does not grant you rights to use any contributors' name, logo, or trademarks.
- (B) If you bring an action of infringement under a patent claim against any contributor for the use or implementation of the Express Interface software, any and all rights granted under this License Agreement may be subject to termination.
- (C) If you distribute any portion of the Express Interface software, you must retain all copyright, patent, trademark, and attribution notices that are present in the Express Interface software.
- (D) If you distribute any portion of the Express Interface software in source code form, you may do so only under this license and by including a complete copy of this license with your distribution. If you distribute any portion of the Express Interface software in compiled or object code form, you may only do so under a license that complies with this license.
- (E) The Express Interface software is licensed "as-is." You bear the risk of using it. The contributors give no express warranties, guarantees or conditions. You may have additional consumer rights under your local laws which this license cannot change. To the extent permitted under your local laws, the contributors exclude the implied warranties of merchantability, fitness for a particular purpose and non-infringement.
- (F) Security Mechanisms are defined explicitly for Express Interface implementations only.


The Following agreement applies to all other deliverables (Classic COM):

\_\_\_\_\_\_

====

# NON-EXCLUSIVE LICENSE AGREEMENT

The OPC Foundation, a non-profit corporation (the "OPC Foundation"), has established a set of specifications intended to

foster greater interoperability between automation/control applications, field systems/devices, and business/office applications in the process control industry.

The OPC specifications define standard interfaces, objects, methods, and properties for servers of real-time information like distributed process systems, programmable logic controllers, smart field devices and analyzers. The OPC Foundation distributes specifications, prototype software examples and related documentation (collectively, the "OPC Materials") to its members in order to facilitate the development of OPC compliant applications.

The OPC Foundation will grant to you (the "User"), whether an individual or legal entity, a license to use, and provide User with a copy of, the current version of the OPC Materials so long as User abides by the terms contained in this Non-Exclusive License Agreement ("Agreement"). If User does not agree to the terms and conditions contained in this Agreement, the OPC Materials may not be used, and all copies (in all formats) of such materials in User's possession must either be destroyed or returned to the OPC Foundation. By using the OPC Materials, User (including any employees and agents of User) agrees to be bound by the terms of this Agreement.

All OPC Materials, unless explicitly designated otherwise, are only available to currently registered members of the OPC Foundation (an "Active Member"). If the User is not an employee or agent of an Active Member then the User is prohibited from using the OPC Materials and all copies (in all formats) of such materials in User's possession must either be destroyed or returned to the OPC Foundation.

## LICENSE GRANT:

Subject to the terms and conditions of this Agreement, the OPC Foundation hereby grants to User a non-exclusive, royalty-free, limited license to use, copy, display and distribute the OPC Materials in order to make, use, sell or otherwise distribute any products and/or product literature that are compliant with the standards included in the OPC Materials. User may not distribute OPC Materials outside of the Active Member organization to which User belongs unless the OPC Foundation has explicitly designated the OPC Material for public use.

All copies of the OPC Materials made and/or distributed by User must include all copyright and other proprietary rights notices included on or in the copy of such materials provided to User by the OPC Foundation.

The OPC Foundation shall retain all right, title and interest (including, without limitation, the copyrights) in the OPC Materials, subject to the limited license granted to User under this Agreement.

The following additional restrictions apply to all OPC Materials that

are software source code, libraries or executables:

1) User is requested to acknowledge the use of the OPC Materials and provide a link to the OPC Foundation home page www.opcfoundation.org from the About box of the User's or Active Member's application(s).

2) User may include the source code, modified source code, built binaries or modified built binaries within User's own applications for either personal or commercial use. However, the source code, modified source code, built binaries or modified built binaries cannot be sold as is, either individually or together.

In other words, User may use OPC Foundation software to enhance the User's applications and to ensure compliance with the various OPC specifications. User is prohibited from gaining commercially from the OPC software itself.

#### PUBLIC USE DECLARATION:

The public is granted non-exclusive, royalty-free, limited license to download, use and redistribute the following deliverables. (The OPC Foundation retains ownership and full copyright)

"OPC Core Components x.xx SDK"

"OPC Core Components x.xx Redistributable"

"OPC COM ProxyStub Merge Module"

"OPC .NET API x.xx Redistributables (x86)"

"OPC .NET API x.xx Merge Module (x86)"

# CORPORATE MEMBER USE DECLARATION:

OPC Foundation Corporate Members are granted non-exclusive, royalty-free, limited license to download, use and redistribute the following deliverables. (The OPC Foundation retains ownership and full copyright)

"OPC DA x.xx Sample Binaries"

"OPC XMLDA x.xx Sample Binaries"

"OPC HDA x.xx Sample Binaries"

"OPC AE x.xx Sample Binaries"

"OPC DX x.xx Sample Binaries"

"OPC DX x.xx Sample Binaries"

"OPC .NET API x.xx Source Code"

"OPC .NET API x.xx Source Code"

"OPC DA Auto 2.02 Source Code"

#### WARRANTY AND LIABILITY DISCLAIMERS:

User acknowledges that the OPC Foundation has provided the OPC Materials for informational purposes only in order to help User understand the relevant OPC specifications. THE OPC MATERIALS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF

PERFORMANCE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. USER BEARS ALL RISK RELATING TO QUALITY, DESIGN, USE AND PERFORMANCE OF THE OPC MATERIALS. The OPC Foundation and its members do not warrant that the OPC Materials, their design or their use will meet User's requirements, operate without interruption or be error free.

IN NO EVENT SHALL THE OPC FOUNDATION, ITS MEMBERS, OR ANY THIRD PARTY BE LIABLE FOR ANY COSTS, EXPENSES, LOSSES, DAMAGES (INCLUDING, BUT NOT LIMITED TO, DIRECT, INDIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES) OR INJURIES INCURRED BY USER OR ANY THIRD PARTY AS A RESULT OF THIS AGREEMENT OR ANY USE OF THE OPC MATERIALS.

# **GENERAL PROVISIONS:**

This Agreement and User's license to the OPC Materials shall be terminated (a) by User ceasing all use of the OPC Materials, (b) by User obtaining a superseding version of the OPC Materials, or (c) by the OPC Foundation, at its option, if User commits a material breach hereof. Upon any termination of this Agreement, User shall immediately cease all use of the OPC Materials, destroy all copies thereof then in its possession and take such other actions as the OPC Foundation may reasonably request to ensure that no copies of the OPC Materials licensed under this Agreement remain in its possession.

User shall not export or re-export the OPC Materials or any product produced directly by the use thereof to any person or destination that is not authorized to receive them under the export control laws and regulations of the United States.

The Software and Documentation are provided with Restricted Rights. Use, duplication or disclosure by the U.S. government is subject to restrictions as set forth in (a) this Agreement pursuant to DFARs 227.7202-3(a); (b) subparagraph (c)(1)(i) of the Rights in Technical Data and Computer Software clause at DFARs 252.227-7013; or (c) the Commercial Computer Software Restricted Rights clause at FAR 52.227-19 subdivision (c)(1) and (2), as applicable. Contractor/ manufacturer is the OPC Foundation, 16101 N. 82nd Street, Suite 3B, Scottsdale, AZ 85260-1830, USA.

Should any provision of this Agreement be held to be void, invalid, unenforceable or illegal by a court, the validity and enforceability of the other provisions shall not be affected thereby.

This Agreement shall be governed by and construed under the laws of the State of Minnesota, excluding its choice or law rules.

This Agreement embodies the entire understanding between the parties with respect to, and supersedes any prior understanding or agreement (oral or written) relating to, the OPC Materials.

# Oracle Corporation Binary Code License Agreement for the JAVA SE RUNTIME ENVIRONMENT (JRE) VERSION 6 and JAVAFX RUNTIME ORACLE CORPORATION

("ORACLE") IS WILLING TO LICENSE THE SOFTWARE IDENTIFIED BELOW TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS BINARY CODE LICENSE AGREEMENT AND SUPPLEMENTAL LICENSE TERMS (COLLECTIVELY "AGREEMENT"). PLEASE READ THE AGREEMENT CAREFULLY. BY USING THE SOFTWARE YOU ACKNOWLEDGE THAT YOU HAVE READ THE TERMS AND AGREE TO THEM. IF YOU ARE AGREEING TO THESE TERMS ON BEHALF OF A COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT THAT YOU HAVE THE LEGAL AUTHORITY TO BIND THE LEGAL ENTITY TO THESE TERMS. IF YOU DO NOT HAVE SUCH AUTHORITY, OR IF YOU DO NOT WISH TO BE BOUND BY THE TERMS. THEN YOU MUST NOT USE THE SOFTWARE ON THIS SITE OR ANY OTHER MEDIA ON WHICH THE SOFTWARE IS CONTAINED. 1. DEFINITIONS. "Software" means the identified above in binary form, any other machine readable materials (including, but not limited to, libraries, source files, header files, and data files). any updates or error corrections provided by Oracle, and any user manuals, programming guides and other documentation provided to you by Oracle under this Agreement. "General Purpose Desktop Computers and Servers" means computers, including desktop and laptop computers, or servers, used for general computing functions under end user control (such as but not specifically limited to email, general purpose Internet browsing, and office suite productivity tools). The use of Software in systems and solutions that provide dedicated functionality (other than as mentioned above) or designed for use in embedded or function-specific software applications, for example but not limited to: Software embedded in or bundled with industrial control systems, wireless mobile telephones, wireless handheld devices, netbooks, kiosks, TV/STB, Blu-ray Disc devices, telematics and network control switching equipment, printers and storage management systems and other related systems are excluded from this definition and not licensed under this Agreement. "Programs" means (a) Java technology applets and applications intended to run on the Java Platform Standard Edition (Java SE) platform on Java-enabled General Purpose Desktop Computers and Servers, and (b) JavaFX technology applications intended to run on the JavaFX Runtime on JavaFX-enabled General Purpose Desktop Computers and Servers. 2. LICENSE TO USE. Subject to the terms and conditions of this Agreement, including, but not limited to the Java Technology Restrictions of the Supplemental License Terms, Oracle grants you a non-exclusive, nontransferable, limited license without license fees to reproduce and use internally Software complete and unmodified for the sole purpose of running Programs. Additional licenses for developers and/or publishers are granted in the Supplemental License Terms. 3. RESTRICTIONS. Software is confidential and copyrighted. Title to Software and all associated intellectual property rights is retained by Oracle and/or its licensors. Unless enforcement is prohibited by

applicable law, you may not modify, decompile, or reverse

Oracle Java SE and JavaFX License

- Sun Java Platform Standard EditionSun Java
- Sun Java
   Platform
   Standard
   Edition SDK
   (J2SDK) (JDK)

engineer Software. You acknowledge that Licensed Software is not designed or intended for use in the design, construction, operation or maintenance of any nuclear facility. Oracle Corporation disclaims any express or implied warranty of fitness for such uses. No right, title or interest in or to any trademark, service mark, logo or trade name of Oracle or its licensors is granted under this Agreement. Additional restrictions for developers and/or publishers licenses are set forth in the Supplemental License Terms. 4. LIMITED WARRANTY. Oracle warrants to you that for a period of ninety (90) days from the date of purchase, as evidenced by a copy of the receipt, the media on which Software is furnished (if any) will be free of defects in materials and workmanship under normal use. Except for the foregoing, Software is provided "AS IS". Your exclusive remedy and Oracle's entire liability under this limited warranty will be at Oracle's option to replace Software media or refund the fee paid for Software. Any implied warranties on the Software are limited to 90 days. Some states do not allow limitations on duration of an implied warranty, so the above may not apply to you. This limited warranty gives you specific legal rights. You may have others, which vary from state to state. 5. DISCLAIMER OF WARRANTY. UNLESS SPECIFIED IN THIS AGREEMENT, ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT THESE DISCLAIMERS ARE HELD TO BE LEGALLY INVALID. 6. LIMITATION OF LIABILITY. TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL ORACLE OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE SOFTWARE, EVEN IF ORACLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. In no event will Oracle's liability to you, whether in contract, tort (including negligence), or otherwise, exceed the amount paid by you for Software under this Agreement. The foregoing limitations will apply even if the above stated warranty fails of its essential purpose. Some states do not allow the exclusion of incidental or consequential damages, so some of the terms above may not be applicable to you. 7. TERMINATION. This Agreement is effective until terminated. You may terminate this Agreement at any time by destroying all copies of Software. This Agreement will terminate immediately without notice from Oracle if you fail to comply with any provision of this Agreement. Either party may terminate this Agreement immediately should any Software become, or in either party's opinion be likely to become, the subject of a claim of infringement of any intellectual property right. Upon Termination, you must destroy all copies of Software. 8. EXPORT REGULATIONS. All Software and technical data delivered under this Agreement are subject to US export control laws and may be subject to export or import regulations in other countries. You agree to comply strictly with all such laws and regulations and acknowledge that you have the responsibility to obtain such

licenses to export, re-export, or import as may be required after delivery to you. 9. TRADEMARKS AND LOGOS. You acknowledge and agree as between you and Oracle that Oracle owns the ORACLE, SUN, SOLARIS, JAVA, JINI, FORTE, and iPLANET trademarks and all ORACLE, SOLARIS, JAVA, JINI, FORTE, and iPLANET-related trademarks, service marks, logos and other brand designations ("Oracle Marks"), and you agree to comply with the Third Party Usage Guidelines currently located at http://www.oracle.com/html/3party.html Any use you make of the Oracle Marks inures to Oracle's benefit. 10. U.S. GOVERNMENT RESTRICTED RIGHTS. If Software is being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), then the Government's rights in Software and accompanying documentation will be only as set forth in this Agreement; this is in accordance with 48 CFR 227.7201 through 227.7202-4 (for Department of Defense (DOD) acquisitions) and with 48 CFR 2.101 and 12.212 (for non-DOD acquisitions). 11. GOVERNING LAW. Any action related to this Agreement will be governed by California law and controlling U.S. federal law. No choice of law rules of any jurisdiction will apply. 12. SEVERABILITY. If any provision of this Agreement is held to be unenforceable, this Agreement will remain in effect with the provision omitted, unless omission would frustrate the intent of the parties, in which case this Agreement will immediately terminate. 13. INTEGRATION. This Agreement is the entire agreement between you and Oracle relating to its subject matter. It supersedes all prior or contemporaneous oral or written communications, proposals, representations and warranties and prevails over any conflicting or additional terms of any quote, order, acknowledgment, or other communication between the parties relating to its subject matter during the term of this Agreement. No modification of this Agreement will be binding, unless in writing and signed by an authorized representative of each party. SUPPLEMENTAL LICENSE TERMS These Supplemental License Terms add to or modify the terms of the Binary Code License Agreement. Capitalized terms not defined in these Supplemental Terms shall have the same meanings ascribed to them in the Binary Code License Agreement. These Supplemental Terms shall supersede any inconsistent or conflicting terms in the Binary Code License Agreement, or in any license contained within the Software. A. Software Internal Use and Development License Grant. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the Software "README" file incorporated herein by reference, including, but not limited to the Java Technology Restrictions of these Supplemental Terms, Oracle grants you a non-exclusive, non-transferable, limited license without fees to reproduce internally and use internally the Software complete and unmodified for the purpose of designing, developing, and testing your Programs. B. License to Distribute Software. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the Software README file, including, but not limited to the Java Technology Restrictions of these Supplemental Terms, Oracle grants you a non-exclusive,

non-transferable. limited license without fees to reproduce and distribute the Software (except for the JavaFX Runtime), provided that (i) you distribute the Software complete and unmodified and only bundled as part of, and for the sole purpose of running, your Programs, (ii) the Programs add significant and primary functionality to the Software, (iii) you do not distribute additional software intended to replace any component(s) of the Software, (iv) you do not remove or alter any proprietary legends or notices contained in the Software, (v) you only distribute the Software subject to a license agreement that protects Oracle's interests consistent with the terms contained in this Agreement, and (vi) you agree to defend and indemnify Oracle and its licensors from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from the use or distribution of any and all Programs and/or Software. C. Java Technology Restrictions. You may not create. modify, or change the behavior of, or authorize your licensees to create, modify, or change the behavior of, classes, interfaces, or subpackages that are in any way identified as "java", "javax", "sun" or similar convention as specified by Oracle in any naming convention designation. D. Source Code. Software may contain source code that, unless expressly licensed for other purposes, is provided solely for reference purposes pursuant to the terms of this Agreement. Source code may not be redistributed unless expressly provided for in this Agreement. E. Third Party Code. Additional copyright notices and license terms applicable to portions of the Software are set forth in the THIRDPARTYLICENSEREADME.txt file. In addition to any terms and conditions of any third party opensource/freeware license identified in the THIRDPARTYLICENSEREADME.txt file, the disclaimer of warranty and limitation of liability provisions in paragraphs 5 and 6 of the Binary Code License Agreement shall apply to all Software in this distribution. F. Termination for Infringement. Either party may terminate this Agreement immediately should any Software become, or in either party's opinion be likely to become, the subject of a claim of infringement of any intellectual property right. G. Installation and Auto-Update. The Software's installation and auto-update processes transmit a limited amount of data to Oracle (or its service provider) about those specific processes to help Oracle understand and optimize them. Oracle does not associate the data with personally identifiable information. You can find more information about the data Oracle collects at http://java.com/data/. For inquiries please contact: Oracle Corporation, 500 Oracle Parkway, Redwood Shores, California 94065, USA.

			Export Controls on the Programs
		Java 2 Platform, Micro Edition Connected Limited Device	Selecting the "Accept License Agreement" button is a confirmation of your agreement that you comply, now and during the trial term, with each of the following statements:
			-You are not a citizen, national, or resident of, and are not under control of, the government of Cuba, Iran,
			Sudan, Libya, North Korea, Syria, nor any country to which the United
			States has prohibited exportYou will not download or otherwise export or re-export the Programs, directly or indirectly, to the above
			mentioned countries nor to citizens, nationals or residents of those countries.
			-You are not listed on the United States Department of Treasury lists of Specially Designated Nationals, Specially Designated
			Terrorists, and Specially Designated Narcotic Traffickers, nor are you listed on the United States Department of Commerce Table of Denial
	Oracle Technology Network		Orders. You will not download or otherwise export or re-export the Programs, directly or indirectly, to persons on the above mentioned lists.
	Development and Distribution 01-2009 License		You will not use the Programs for, and will not allow the Programs to be used for, any purposes prohibited by United States law,
			including, without limitation, for the development, design, manufacture
			or production of nuclear, chemical or biological weapons of mass destruction.
			EXPORT RESTRICTIONS
			You agree that U.S. export control laws and other applicable export and import
			laws govern your use of the programs, including technical data; additional information can be found on Oracle®'s Global Trade Compliance
			web site (http://www.oracle.com/products/export). You
			agree that neither the programs nor any direct product thereof will be
			exported, directly, or indirectly, in violation of these laws, or will be used for any purpose prohibited by these laws including, without limitation, nuclear, chemical, or biological weapons proliferation.
			Oracle Employees: Under no circumstances are Oracle Employees authorized to
			download software for the purpose of distributing it to customers.  Oracle products are available to employees for internal use or
L			demonstration purposes only. In keeping with Oracle's trade

compliance

obligations under U.S. and applicable multilateral law, failure to comply with this policy could result in disciplinary action up to and including termination.

Note: You are bound by the

Oracle Technology Network ("OTN") License Agreement terms. The OTN

License Agreement terms also apply to all updates you receive under your

Technology Track subscription. The OTN License Agreement terms below

supercede any shrinkwrap license on the OTN Technology Track software

CDs and previous OTN License terms (including the Oracle Program License

as modified by the OTN Program Use Certificate).

Oracle Technology Network Development and Distribution License Agreement

"We."

"us," and "our" refers to Oracle USA, Inc., for and on behalf of itself and its subsidiaries and affiliates under common control. "You" and "your" refers to the individual or entity that wishes to use the programs from Oracle. "Programs" refers to the software product you wish

to download and use and program documentation. "License" refers to your

right to use the programs under the terms of this agreement. This agreement is governed by the substantive and procedural laws of California. You and Oracle agree to submit to the exclusive jurisdiction

of, and venue in, the courts of San Francisco, San Mateo, or Santa Clara counties in California in any dispute arising out of or relating to this agreement.

We are willing to license the programs to you

only upon the condition that you accept all of the terms contained in

this agreement. Read the terms carefully and select

the "Accept" button

at the bottom of the page to confirm your acceptance. If you are not

willing to be bound by these terms, select the "Do Not Accept" button

and the registration process will not continue.

#### License Rights

We grant you a nonexclusive, nontransferable limited license to use the programs:

 a. for purposes of developing, testing, prototyping and running applications you have developed for your own internal data processing operations;

b. to distribute the programs with applications you

have developed to your customers provided that each such licensee aarees

to license terms consistent with the terms of this Agreement, vou do

not charge your end users any additional fees for the use of the programs, and your end users may only use the programs to run

applications for their own business operations; and

c. to use the programs to provide third party demonstrations and training. You are not

permitted to use the programs for any purpose other than as permitted

under this Agreement. If you want to use the programs for any purpose

other than as expressly permitted under this agreement you must

us, or an Oracle reseller, to obtain the appropriate license. We may audit your use and distribution of the programs. Program documentation

is either shipped with the programs, or documentation may accessed

online at http://otn.oracle.com/docs.

Ownership and Restrictions

We retain all ownership and intellectual property rights in the programs.

You may make a sufficient number of copies of the programs for the licensed use and one copy of the programs for backup purposes. You may not:

use the programs for any purpose other than as provided above: distribute the programs unless accompanied with your applications; charge your end users for use of the programs;

remove or modify any program markings or any notice of our proprietary rights;

use the programs to provide third party training on the content and/or

functionality of the programs, except for training your licensed users:

assign this agreement or give the programs, program access or an interest in

the programs to any individual or entity except as provided under this

agreement;

cause or permit reverse engineering (unless required by law for interoperability), disassembly or decompilation of the programs;

disclose results of any program benchmark tests without our prior consent.

# Program Distribution

We grant you a nonexclusive, nontransferable right to copy and distribute

the programs to your end users provided that you do not charge

your end

users for use of the programs and provided your end users may

the programs to run your applications for their business operations. Prior to distributing the programs you shall require your end users

execute an agreement binding them to terms consistent with those contained in this section and the sections of this agreement entitled "License Rights," "Ownership and Restrictions," "Export," "Disclaimer of

Warranties and Exclusive Remedies," "No Technical Support," "End

Agreement," "Relationship Between the Parties," and "Open Source." You

must also include a provision stating that your end users shall have

right to distribute the programs, and a provision specifying us as a third party beneficiary of the agreement. You are responsible for obtaining these agreements with your end users.

# You agree to:

a. defend and indemnify us against all claims and damages caused by your

distribution of the programs in breach of this agreements and/or

to include the required contractual provisions in your end user agreement as stated above;

b. keep executed end user agreements and records of end user information including name, address, date distribution and identity of programs distributed;

c. allow us to inspect your end user agreements and records upon request; and,

d. enforce the terms of your end user agreements so as to effect a

cure of any end user breach, and to notify us of any breach of the terms.

# Export

You agree that U.S. export control laws and other applicable export and import laws govern your use

of the programs, including technical data; additional information can

be found on Oracle's Global Trade Compliance web site located at http://www.oracle.com/products/export/index.html?content.html. You agree that neither the programs nor any direct product thereof will

be exported, directly, or indirectly, in violation of these laws, or will be used for any purpose prohibited by these laws including, without

limitation, nuclear, chemical, or biological weapons proliferation.

Disclaimer of Warranty and Exclusive Remedies

THE PROGRAMS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. WE FURTHER

DISCLAIM ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT

LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A

PARTICULAR PURPOSE OR NONINFRINGEMENT. IN NO EVENT SHALL WE BE LIABLE

FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL

DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA OR DATA USE.

INCURRED BY YOU OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT OR

TORT. EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

OUR ENTIRE LIABILITY FOR DAMAGES HEREUNDER SHALL IN NO **EVENT EXCEED ONE** 

THOUSAND DOLLARS (U.S. \$1,000).

# No Technical Support

Our technical support organization will not provide technical support.

phone support, or updates to you for the programs licensed under this agreement.

# Restricted Rights

If you distribute a license to the United States government, the programs,

including documentation, shall be considered commercial computer software and you will place a legend, in addition to applicable copyright notices, on the documentation, and on the media label, substantially similar to the following:

# NOTICE OF RESTRICTED RIGHTS

"Programs delivered subject to the DOD FAR Supplement are 'commercial computer

software' and use, duplication, and disclosure of the programs, including documentation, shall be subject to the licensing

set forth in the applicable Oracle license agreement. Otherwise, programs delivered subject to the Federal Acquisition Regulations

'restricted computer software' and use, duplication, and disclosure

the programs, including documentation, shall be subject to the restrictions in FAR 52.227-19, Commercial Computer Software-Restricted

Rights (June 1987). Oracle USA, Inc., 500 Oracle Parkway, Redwood City,

CA 94065."

# End of Agreement

You may terminate this agreement by destroying all copies of the programs. We

have the right to terminate your right to use the programs if you fail to comply with any of the terms of this agreement, in which case you

shall destroy all copies of the programs.

# Relationship Between the Parties

The relationship between you and us is that of licensee/licensor. Neither

party will represent that it has any authority to assume or create

obligation, express or implied, on behalf of the other party, nor to represent the other party as agent, employee, franchisee, or in any other capacity. Nothing in this agreement shall be construed to limit either party's right to independently develop or distribute software that is functionally similar to the other party's products, so long as proprietary information of the other party is not included in such software.

# Open Source

"Open Source" software - software available without charge for use, modification and

distribution - is often licensed under terms that require the user to make the user's modifications to the Open Source software or any software that the user 'combines' with the Open Source software freelv

available in source code form. If you use Open Source software in conjunction with the programs, you must ensure that your use does not:

i. create, or purport to create, obligations of us with respect to the Oracle programs: or

ii. grant, or purport to grant, to any third party any rights to or immunities under our intellectual property or proprietary rights in the

Oracle programs.

For example, you may not develop a software program using an Oracle program and an Open Source program where such

use results in a program file(s) that contains code from both the Oracle

program and the Open Source program (including without limitation

libraries) if the Open Source program is licensed under a license that requires any "modifications" be made freely available. You also may not

combine the Oracle program with programs licensed under the GNU General

Public License ("GPL") in any manner that could cause, or could be interpreted or asserted to cause, the Oracle program or any modifications thereto to become subject to the terms of the GPL.

# **Entire Agreement**

You agree that this agreement is the complete agreement for the programs

and licenses, and this agreement supersedes all prior or contemporaneous

agreements or representations. If any term of this agreement is found

to be invalid or unenforceable, the remaining provisions will remain effective.

Last updated: 01/24/09

Should you have any questions concerning this License Agreement, or if you desire to contact

Oracle for any reason, please write:

Oracle USA,

Inc. 500 Oracle Parkway, Redwood City, CA 94065

		Public Domain
		This work was autored by Timothy Gerard Endres, time@gjt.org.
		This work has been placed into the public domain.
0.11.0		You are free to use this work in any way you wish.
Public Domain Java Tar	Java Tar	DISCLAIMER
		THIS SOFTWARE IS PROVIDED AS-IS, WITH ABSOLUTELY NO
		WARRANTY. YOU ASSUME ALL RESPONSIBILITY FOR ANY AND ALL
		CONSEQUENCES THAT MAY RESULT FROM THE USE OF THIS SOFTWARE!

Public Domain Tv4	TV4	Author: Geraint Luff and others Year: 2013
		This code is released into the "public domain" by its author(s). Anybody may use, alter and distribute the code without restriction. The author makes no guarantees, and takes no liability of any kind for use of this code.
		If you find a bug or make an improvement, it would be courteous to let the author know, but it is not compulsory.

slf4j License	Simple Logging Facade for Java (SLF4J)	Title added by Steve Snow of Black Duck Software for identification purposes only Copyright (c) 2004-2005 SLF4J.ORG Copyright (c) 2004-2005 QOS.ch 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, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.  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 OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.  Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

## **W3C® SOFTWARE NOTICE AND LICENSE 20021231**

http://www.w3.org/Consortium/Legal/2002/copyright-software-

This work (and included software, documentation such as READMEs. or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications:

- 1 The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.
- 2 Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.
- 3 Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS." AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS. COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION. The name and trademarks of copyright holders may NOT be used in

advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

This formulation of W3C's notice and license became active on December 31 2002. This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of "use". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other guestions about this notice can be directed to site-policy@w3.org.

W<sub>3</sub>C Software Notice and License 20021231

Document Object Model (DOM) Level 2 Core Specification

# GNU General Public License, version 2.

with the Classpath Exception The GNU General Public License (GPL)

Version 2. June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license

document, but changing it is not allowed.

### Preamble

The licenses for most software are designed to take away your freedom to share

and change it. By contrast, the GNU General Public License is intended to

augrantee your freedom to share and change free software--to make sure the

software is free for all its users. This General Public License applies

most of the Free Software Foundation's software and to any other program whose

authors commit to using it. (Some other Free Software Foundation software is

covered by the GNU Library General Public License instead.) You can apply it to

your programs, too.

When we speak of free software, we are referring to freedom, not price. Our

General Public Licenses are designed to make sure that you have the freedom to

distribute copies of free software (and charge for this service if you wish).

that you receive source code or can get it if you want it, that you can chanae

the software or use pieces of it in new free programs; and that you know you

can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny

you these rights or to ask you to surrender the rights. These restrictions

translate to certain responsibilities for you if you distribute copies of

software, or if you modify it.

For example, if you distribute copies of such a program, whether aratis or for

a fee, you must give the recipients all the rights that you have. You

must

make sure that they, too, receive or can get the source code. And

show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2)

offer you this license which gives you legal permission to copy, distribute

and/or modify the software.

Also, for each author's protection and ours, we want to make certain that

everyone understands that there is no warranty for this free software. If the

software is modified by someone else and passed on, we want its recipients to

know that what they have is not the original, so that any problems introduced

by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We

wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary.

To prevent this, we have made it clear that any patent must be licensed for

everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

# TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND **MODIFICATION**

0. This License applies to any program or other work which contains a notice

placed by the copyright holder saying it may be distributed under the terms of

this General Public License. The "Program", below, refers to any such program

or work, and a "work based on the Program" means either the Program or any

derivative work under copyright law: that is to say, a work containing the

Program or a portion of it, either verbatim or with modifications and/or

translated into another language. (Hereinafter, translation is included

without limitation in the term "modification".) Fach licensee is addressed as

"you".

Activities other than copying, distribution and modification are not covered by

this License; they are outside its scope. The act of running the Program is

not restricted, and the output from the Program is covered only if its contents

constitute a work based on the Program (independent of having been made by

running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as

you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice

disclaimer of warranty; keep intact all the notices that refer to this License

and to the absence of any warranty; and give any other recipients of the

Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy. and you may

at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it. thus

forming a work based on the Program, and copy and distribute such modifications

or work under the terms of Section 1 above, provided that you also meet all of

these conditions:

a) You must cause the modified files to carry prominent notices

that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or

in part contains or is derived from the Program or any part thereof, to be

licensed as a whole at no charge to all third parties under the terms of

this License.

c) If the modified program normally reads commands interactively when run.

you must cause it, when started running for such interactive use in the

most ordinary way, to print or display an announcement including

appropriate copyright notice and a notice that there is no

warranty (or

else, saying that you provide a warranty) and that users may redistribute

the program under these conditions, and telling the user how to view a copy

of this License. (Exception: if the Program itself is interactive but

not normally print such an announcement, your work based on the Program is

not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable

sections of that work are not derived from the Program, and can be reasonably

considered independent and separate works in themselves, then this License, and

its terms, do not apply to those sections when you distribute them as separate

works. But when you distribute the same sections as part of a whole which is a

work based on the Program, the distribution of the whole must be on the terms

of this License, whose permissions for other licensees extend to the

whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the

right to control the distribution of derivative or collective works based on

the Program.

In addition, mere aggregation of another work not based on the Program with the

Program (or with a work based on the Program) on a volume of a storage or

distribution medium does not bring the other work under the scope of this

License.

3. You may copy and distribute the Program (or a work based on it, under

Section 2) in object code or executable form under the terms of Sections 1 and

2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machinereadable source

code, which must be distributed under the terms of Sections 1 and 2 above

on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years,

give any third party, for a charge no more than your cost of physically

performing source distribution, a complete machine-readable copy of the

corresponding source code, to be distributed under the terms of Sections 1

and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer

distribute corresponding source code. (This alternative is allowed only

for noncommercial distribution and only if you received the program in

object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for makina

modifications to it. For an executable work, complete source code means all

the source code for all modules it contains, plus any associated interface

definition files, plus the scripts used to control compilation and installation

of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either

source or binary form) with the major components (compiler, kernel, and so on)

of the operating system on which the executable runs, unless that component

itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy

from a designated place, then offering equivalent access to copy the source

code from the same place counts as distribution of the source code. even though

third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as

expressly provided under this License. Any attempt otherwise to copy, modify,

sublicense or distribute the Program is void, and will automatically

your rights under this License. However, parties who have received copies, or

rights, from you under this License will not have their licenses terminated so

long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not sianed it.

However, nothing else grants you permission to modify or distribute the Program

or its derivative works. These actions are prohibited by law if you do not

accept this License. Therefore, by modifying or distributing the Program (or

any work based on the Program), you indicate your acceptance of this License to

do so, and all its terms and conditions for copying, distributing or modifyina

the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program).

the recipient automatically receives a license from the original licensor to

copy, distribute or modify the Program subject to these terms and conditions.

You may not impose any further restrictions on the recipients' exercise of the

rights granted herein. You are not responsible for enforcing compliance by

third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues). conditions

are imposed on you (whether by court order, agreement or otherwise) that

contradict the conditions of this License, they do not excuse you from the

conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent

obligations, then as a consequence you may not distribute the Program at all.

For example, if a patent license would not permit royalty-free redistribution

of the Program by all those who receive copies directly or indirectly through

you, then the only way you could satisfy both it and this License would be to

refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under

particular circumstance, the balance of the section is intended to apply and

the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or

other property right claims or to contest validity of any such claims;

section has the sole purpose of protecting the integrity of the free software

distribution system, which is implemented by public license practices. Many

people have made generous contributions to the wide range of software

distributed through that system in reliance on consistent application of that

system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that

choice.

This section is intended to make thoroughly clear what is believed to be a

consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain

countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit

geographical distribution limitation excluding those countries, so that

distribution is permitted only in or among countries not thus excluded. In

such case, this License incorporates the limitation as if written in the body

of this License.

9. The Free Software Foundation may publish revised and/or new versions of the

General Public License from time to time. Such new versions will be similar in

spirit to the present version, but may differ in detail to address new problems

or concerns.

Each version is given a distinguishing version number. If the Program

specifies a version number of this License which applies to it and "anv later

version", you have the option of following the terms and conditions either of

that version or of any later version published by the Free Software Foundation.

If the Program does not specify a version number of this License, you may

choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs

whose distribution conditions are different, write to the author to

permission. For software which is copyrighted by the Free Software Foundation.

write to the Free Software Foundation; we sometimes make exceptions for this.

Our decision will be guided by the two goals of preserving the free status of

all derivatives of our free software and of promoting the sharing and reuse of

software generally.

#### **NO WARRANTY**

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR

THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE

STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE

PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED.

INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND

FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE **QUALITY AND** 

PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE.

YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL

ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE

PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES. **INCLUDING ANY** 

GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR

INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA

BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A

FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER

OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

**END OF TERMS AND CONDITIONS** 

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible

use to the public, the best way to achieve this is to make it free software

which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach

them to the start of each source file to most effectively convey the exclusion

of warranty; and each file should have at least the "copyright" line and a

pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) < year > < name of author >

This program is free software; you can redistribute it and/or modify it

under the terms of the GNU General Public License as published by the Free

Software Foundation; either version 2 of the License, or (at your option)

any later version.

This program is distributed in the hope that it will be useful, but **WITHOUT** 

ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or

FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for

more details.

You should have received a copy of the GNU General Public License alona

with this program; if not, write to the Free Software Foundation, Inc., 59

Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it

starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author **Gnomovision comes** 

with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is

software, and you are welcome to redistribute it under certain conditions:

type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate

parts of the General Public License. Of course, the commands you use may be

called something other than 'show w' and 'show c'; they could even

mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school,

if any, to sign a "copyright disclaimer" for the program, if necessary. Here

is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the

'Gnomovision' (which makes passes at compilers) written by James Hacker

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into

proprietary programs. If your program is a subroutine library, you

consider it more useful to permit linking proprietary applications with the

library. If this is what you want to do, use the GNU Library General Public

License instead of this License.

### "CLASSPATH" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are

subject to the following clarification and special exception to the GPL. but

only where Oracle has expressly included in the particular source file's header

the words "Oracle designates this particular file as subject to the "Classpath"

exception as provided by Oracle in the LICENSE file that accompanied this code."

Linking this library statically or dynamically with other modules is makina

a combined work based on this library. Thus, the terms and

conditions of

the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you

permission to link this library with independent modules to produce an

executable, regardless of the license terms of these independent modules,

and to copy and distribute the resulting executable under terms of your

choice, provided that you also meet, for each linked independent module,

the terms and conditions of the license of that module. An independent

module is a module which is not derived from or based on this library. If

you modify this library, you may extend this exception to your version of

the library, but you are not obligated to do so. If you do not wish to do

so, delete this exception statement from your version.