

## Third-Party License(s) of Apama Core Community Edition (PAK) Version 10.5

VERSIONS OF THE THIRD-PARTY COMPONENTS MAY BE UTILIZED, EMBEDDED, BUNDLED OR OTHERWISE INCLUDED IN SOME OF THE PRODUCTS ("Product") YOU HAVE LICENSED PURSUANT TO A COMMERCIAL LICENSE AGREEMENT. THESE THIRD-PARTY COMPONENTS MAY BE SUBJECT TO ADDITIONAL OR DIFFERENT LICENSE RIGHTS, TERMS AND CONDITIONS AND / OR REQUIRE CERTAIN NOTICES BY THEIR THIRD-PARTY LICENSES. SOFTWARE AG IS OBLIGED TO PASS ANY CURRENT AND FUTURE TERMS OF SUCH LICENSES THROUGH TO ITS LICENSEES. SOFTWARE AG PROVIDES SOURCE CODE OF THIRD-PARTY COMPONENTS WHERE REQUIRED BY AN OPEN SOURCE LICENSE AT <https://opensource.softwareag.com/>

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
1	@angular/core	7.2.10	Copyright (c) 2010-2019 Google LLC. <a href="http://angular.io/license">http://angular.io/license</a>	MIT License (also X11) (c.f. @angular/core 7.2.10)	
2	alexgorbatchev-syntaxhighlighter	3.0.83	Copyright (c) 2003, 2004 Jim Weirich	MIT License (also X11)	
3	ant-antunit	1.1.0	Copyright 2005-2007 The Apache Software Foundation	Apache License 2.0	
4	ant-contrib	1.0b3	Copyright (c) 2001-2003 Ant-Contrib project. All rights reserved.	Apache License 1.1	
5	antlr	2.7.6	Copyright (c) 2010 Terence Parr All rights reserved.	ANTLR Software Rights Notice	
6	antlr	3.2	Copyright (c) 2010 Terence Parr	ANTLR 3 License	
7	apache-ant	1.10.5	Copyright (c) 1999-2018 The Apache Software Foundation	Apache License 2.0 (c.f. apache-ant 1.10.5)	
8	apache-axiom	1.2.13	Copyright Apache Software Foundation	Apache License 2.0 (c.f. apache-axiom 1.2.13)	
9	apache-commons-beanutils	1.9.3	Copyright (c) 2002-2016 The Apache Software Foundation	Apache License 2.0	
10	apache-commons-collections	3.2.2	Copyright 2001-2015 The Apache Software Foundation	Apache License 2.0	
11	apache-commons-configuration	1.10	Copyright 2001-2013 The Apache Software Foundation	Apache License 2.0	
12	apache-commons-csv	1.6	Copyright (c) 2005-2018 The Apache Software Foundation	Apache License 2.0 (c.f. apache-commons-csv 1.6)	
13	apache-commons-discovery	0.5	Copyright (c) 2002-2011 The Apache Software Foundation	Apache License 2.0	
14	apache-commons-fileupload	1.3.3	Copyright (c) 2002-2017 The Apache Software Foundation	Apache License 2.0	
15	apache-commons-httpclient	3.1	Copyright 1999-2007 The Apache Software Foundation.	Apache License 2.0 (c.f. apache-commons-httpclient 3.1)	
16	apache-commons-io	2.2	Copyright 2002-2012 The Apache Software Foundation	Apache License 2.0 (c.f. apache-commons-io 2.2)	
17	apache-commons-io	2.6	Copyright (c) 2002-2017 The Apache Software Foundation	Apache License 2.0	
18	apache-commons-lang	2.6	Copyright © 2001-2011 The Apache Software Foundation. All Rights Reserved.	Apache License 2.0	
19	apache-commons-validator	1.6	Copyright (c) 2001-2017 The Apache Software Foundation	Apache License 2.0	
20	apache-db-derby	10.14.2.0	Copyright (c) 2004-2018 The Apache Software Foundation	Apache License 2.0 (c.f. apache-db-derby 10.14.2.0)	
21	apache-httpclient	4.5.5	Copyright (c) 1999-2018 The Apache Software Foundation	Apache License 2.0 (c.f. apache-httpclient 4.5.5)	
22	apache-jakarta-commons-cli	1.3.1	Copyright 2001-2015 The Apache Software Foundation	Apache License 2.0	
23	apache-jakarta-commons-cli	1.4	Copyright (c) 2001 - 2017 The Apache Software Foundation	Apache License 2.0	
24	apache-jakarta-commons-codec	1.10	Copyright 2002-2014 The Apache Software Foundation	Apache License 2.0 (c.f. apache-jakarta-commons-codec 1.10)	
25	apache-jakarta-commons-codec	1.11	Copyright (c) 2002-2017 The Apache Software Foundation	Apache License 2.0 (c.f. apache-jakarta-commons-codec 1.11)	
26	apache-jakarta-commons-digester	1.8.1	Copyright 2001-2008 The Apache Software Foundation	Apache License 2.0	
27	apache-jakarta-commons-jxpath	1.3	Apache Commons JXPath Copyright 2001-2008 The Apache Software Foundation	Apache License 2.0 (c.f. apache-jakarta-commons-jxpath 1.3)	
28	apache-jakarta-commons-logging	1.2	Copyright 2003-2014 The Apache Software Foundation	Apache License 2.0	
29	apache-jakarta-oro	2.0.8	Copyright (c) 2000-2002 The Apache Software Foundation. All rights reserved.	Apache License 1.1	

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
30	apache-jakarta-oro	2.0.8.v201005080400	Copyright (c) 2000 The Apache Software Foundation. All rights reserved.	Apache License 1.1	
31	apache-kafka	2.11-1.0.0	Copyright (c) 2017 The Apache Software Foundation.	Apache License 2.0 (c.f. apache-kafka 2.11-1.0.0)	
32	apache-log4j	1.2.16	Copyright 2007 The Apache Software Foundation	Apache License 2.0 (c.f. apache-log4j 1.2.16)	
33	apache-log4j	2.11.2	Apache Log4j Copyright (c) 1999-2017 Apache Software Foundation	Apache License 2.0 (c.f. apache-log4j 2.11.2)	
34	apache-log4net	2.0.8	Copyright (c) 2004-2017 The Apache Software Foundation	Apache License 2.0	Fix version restrictions: PAK 10.5: from 10.5.3.2
35	apache-mime4j	0.7.2	Copyright 2004-2012 The Apache Software Foundation	Apache License 2.0 (c.f. apache-mime4j 0.7.2)	
36	apache-mina	2.0.7	Copyright 2007-2012 The Apache Software Foundation.	Apache License 2.0 (c.f. apache-mina 2.0.7)	
37	apache-shiro	1.3.2	Copyright (c) 2008-2012 The Apache Software Foundation	Apache License 2.0	
38	apache-tomcat-embed	8.5.37	(see Appx. B: apache-tomcat-embed 8.5.37)	Apache License 2.0	
39	apache-velocity	1.5	Copyright (C) 2000-2007 The Apache Software Foundation	Apache License 2.0	
40	apache-xalan-j	2.7.2	(see Appx. B: apache-xalan-j 2.7.2)	Apache License 2.0 (c.f. apache-xalan-j 2.7.2)	
41	aspectjweaver	1.8.13		Eclipse Public License 1.0	
42	azul-zulucck-ta00144	8.0.0.8	Copyright (c) 2018 Azul Systems, Inc.	TAC#TA00144	Operating system restrictions: CJP 1.8: Not on AIX,z/Linux
43	azul-zulujdk-ta00144	8.40	Copyright (c) 1996, 1998-2000, 2003-c2006, 2010, 2011, 2013, 2014, 2015, 2016, 2017, 2018, Oracle and/or its affiliates. All rights reserved.	GNU General Public License v2.0 with Classpath Exception (c.f. azul-zulujdk-ta00144 8.40)	Operating system restrictions: CJP 1.8: Not on AIX,z/Linux
44	azul-zulujdk-ta00144	8.41	Copyright (c) 1993 - 2019 Oracle and/or its affiliates Copyright (c) 2014 - 2019 Azul Systems. All rights reserved.	GNU General Public License v2.0 with Classpath Exception (c.f. azul-zulujdk-ta00144 8.41)	Fix version restrictions: CJP 1.8: in CJP_10.5_Fix122  Operating system restrictions: CJP 1.8: Not on AIX,z/Linux,OSX
45	azul-zulujdk-ta00144	8.44	(see Appx. B: azul-zulujdk-ta00144 8.44)	GNU General Public License v2.0 with Classpath Exception (c.f. azul-zulujdk-ta00144 8.44)	Fix version restrictions: CJP 1.8: in CJP_10.5_Fix124  Operating system restrictions: CJP 1.8: Not on AIX,z/Linux,OSX
46	azul-zulujdk-ta00144	8.46	(see Appx. B: azul-zulujdk-ta00144 8.46)	GNU General Public License v2.0 with Classpath Exception (c.f. azul-zulujdk-ta00144 8.46)	Fix version restrictions: CJP 1.8: in CJP_10.5_Fix126  Operating system restrictions: CJP 1.8: Not on AIX,z/Linux,OSX
47	azul-zulujdk-ta00144	8.47	(see Appx. B: azul-zulujdk-ta00144 8.47)	GNU General Public License v2.0 with Classpath Exception (c.f. azul-zulujdk-ta00144 8.47)	Fix version restrictions: CJP 1.8: in CJP_10.5_Fix128  Operating system restrictions: CJP 1.8: Not on AIX,z/Linux,OSX
48	azul-zulujdk-ta00144	8.52	(see Appx. B: azul-zulujdk-ta00144 8.52)	GNU General Public License v2.0 with Classpath Exception (c.f. azul-zulujdk-ta00144 8.52)	Fix version restrictions: CJP 1.8: in CJP_10.5_Fix132  Operating system restrictions: CJP 1.8: Not on AIX,z/Linux,OSX
49	bayeux-api	3.0.10	Copyright (c) 2008-2016 the original author or authors.	Apache License 2.0 (c.f. bayeux-api 3.0.10)	

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
50	bcprov-jdk15on	1.52	Unless otherwise stated, all content is Copyright © 2013 Legion of the Bouncy Castle Inc. (ABN 84 166 338 567) All rights reserved.	Legion Of The Bouncy Castle License	
51	birt-runtime	4.3.0	Copyright (c) 2000, 2012 IBM Corporation and others.	Eclipse Public License 1.0 (c.f. birt-runtime 4.3.0)	
52	birt-runtime	4.4.0	Copyright (c) 2000, 2012 IBM Corporation and others. All rights reserved	Eclipse Public License 1.0	
53	birt-runtime	4.6.0	Copyright (c) 2004 - 2009 Actuate Corporation and others. All rights reserved.	Eclipse Public License 1.0 (c.f. birt-runtime 4.6.0)	
54	birt	4.4.2	Copyright Eclipse Contributors and others 2004, 2007. All rights reserved	Eclipse Public License 1.0	
55	birt	4.6.0	Copyright (c) 2004-2013 Actuate Software Corporation. All rights reserved.	Eclipse Public License 1.0 (c.f. birt 4.6.0)	
56	birt	4.7.0	Copyright (c) 2004-2013 Actuate Software Corporation. All rights reserved.	Eclipse Public License 1.0 (c.f. birt 4.7.0)	
57	birt	4.8.0	Copyright (c) 2004-2013 Actuate Software Corporation. All rights reserved.	Eclipse Public License 1.0 (c.f. birt 4.8.0)	
58	bndtools-bnd	3.2.0	Copyright (c) OSGi Alliance (2011, 2012). All Rights Reserved	Apache License 2.0	
59	boost	1.63.0	Copyright (c) 2004 Joel de Guzman <a href="http://spirit.sourceforge.net/">http://spirit.sourceforge.net/</a>	Boost Software License 1.0 (c.f. boost 1.63.0)	
60	castor-core	1.3.3	Copyright 1999-2004 (C) Intalio Inc., and others. All Rights Reserved.	Apache License 2.0	
61	castor-xml-schema	1.3.3	Copyright 1999-2004 (C) Intalio Inc., and others. All Rights Reserved.	Intalio License	
62	castor-xml	1.3.3	Copyright 1999-2003 (C) Intalio Inc. All Rights Reserved.	Apache License 2.0	
63	codehaus-woodstox	4.4.1	Copyright (c) 2004 Tatu Saloranta, tatu.saloranta@iki.fi	Apache License 2.0	
64	com-springsource-javax-validation	1.0.0.GA	Copyright (c) 2009 Red Hat, Inc. and/or its affiliates, and individual contributors	Apache License 2.0	
65	cometd-cometd	3.0.10	Copyright (c) 2008, 2013, 2017 The CometD Project	Apache License 2.0 (c.f. cometd-cometd 3.0.10)	
66	cometd-java-client	3.0.10	Copyright (c) 2008-2016 the original author or authors.	Apache License 2.0 (c.f. cometd-java-client 3.0.10)	
67	cometd-java-common	3.0.10	Copyright (c) 2008-2017, Dojo Foundation	Apache License 2.0	
68	commons-beanutils	1.9.2	Copyright (c) 2000-2014 The Apache Software Foundation.	Apache License 2.0 (c.f. commons-beanutils 1.9.2)	
69	commons-beanutils	1.9.3	Copyright (c) 2000-2016 The Apache Software Foundation.	Apache License 2.0 (c.f. commons-beanutils 1.9.3)	
70	commons-codec	1.11	(see Appx. B: commons-codec 1.11)	Apache License 2.0 (c.f. commons-codec 1.11)	
71	commons-collections	3.2.1	Copyright (c) 2001-2008 The Apache Software Foundation.	Apache License 2.0 (c.f. commons-collections 3.2.1)	
72	commons-collections	3.2.2	Copyright (c) 2001-2015 The Apache Software Foundation.	Apache License 2.0 (c.f. commons-collections 3.2.2)	
73	commons-httpclient	3.1	Copyright (c) 1999-2007 The Apache Software Foundation.	Apache License 2.0 (c.f. commons-httpclient 3.1)	
74	commons-io	2.4	Copyright (c) 2002 - 2012 The Apache Software Foundation	Apache License 2.0	
75	commons-io	2.5	Copyright (c) 2002-2016 The Apache Software Foundation.	Apache License 2.0	
76	commons-lang3	3.4	Copyright 2001-2015 The Apache Software Foundation	Apache License 2.0 (c.f. commons-lang3 3.4)	
77	commons-lang3	3.5	Copyright (c) 2001-2016 The Apache Software Foundation	Apache License 2.0 (c.f. commons-lang3 3.5)	
78	commons-lang3	3.7	Copyright (c) 2001 - 2017 The Apache Software Foundation	Apache License 2.0	
79	commons-lang	2.6	Copyright 2001-2011 The Apache Software Foundation	Apache License 2.0 (c.f. commons-lang 2.6)	
80	commons-logging	1.0.4	Copyright (c) 2001-2004 The Apache Software Foundation.	Apache License 2.0 (c.f. commons-logging 1.0.4)	
81	commons-logging	1.2	Copyright 2003-2016 The Apache Software Foundation	Apache License 2.0	
82	concurrent	1.3.4	The Java Software technologies are Copyright (c) 1994-2000 Sun Microsystems, Inc. All rights reserved	Technology License from Sun Microsystems, Inc. to Doug Lea	

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
83	cumulocity-svenson	1.5.8	Copyright (c) 2008, Sven Helmlinger. All rights reserved.	BSD 3-clause "New" or "Revised" License	
84	cyrus-sasl-library	2.1.27	Copyright (c) 1998-2003 Carnegie Mellon University. All rights reserved.	BSD 4-clause for Cyrus SASL	
85	darwin-felix-spnego	r7	© 2009 Darwin V. Felix. All rights reserved.	GNU Lesser General Public License v3.0	
86	dom4j	1.6.1	Copyright 2001-2005 (C) MetaStuff, Ltd. All Rights Reserved.	dom4j License	
87	drools	7.7.0.Final	Copyright (c) 2013 - 2015 Red Hat, Inc. and/or its affiliates.	Apache License 2.0	
88	eclipse-aspectj	1.8.7	Copyright (c) 1999-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated (PARC). All rights reserved.	Eclipse Public License 1.0	
89	eclipse-emf	2.18	Copyright (c) 2002-2018 Eclipse contributors and others. All rights reserved.	Eclipse Public License 2.0 (c.f. eclipse-emf 2.18)	
90	eclipse-equinox	4.11	(see Appx. B: eclipse-equinox 4.11)	Eclipse Public License 1.0	
91	eclipse-equinox	4.7.1	Copyright (c) 2015 The Eclipse Foundation	Eclipse Public License 1.0 (c.f. eclipse-equinox 4.7.1)	
92	eclipse-equinox	4.7.1a	Copyright (c) 2015 The Eclipse Foundation	Eclipse Public License 1.0	
93	eclipse-equinox	4.9.0	(see Appx. B: eclipse-equinox 4.9.0)	Eclipse Public License 2.0	
94	eclipse-gemini.web.gemini-web-container	3.0.4.RELEASE	Copyright (c) 2009, 2010, 2014-2017 VMware Inc.	Apache License 2.0 (c.f. eclipse-gemini.web.gemini-web-container 3.0.4.RELEASE)	
95	eclipse-jasper	2.2.2.v201501141630	(see Appx. B: eclipse-jasper 2.2.2.v201501141630)	Eclipse Public License 1.0	
96	eclipse-paho.mqtt.c	1.2.1	Copyright (c) 2009 - 2018 IBM Corp. Copyright (c) 2015 - 2018 logi.cals GmbH and others Copyright (c) 2007 Eclipse Foundation, Inc. and its licensors.	Eclipse Public License 1.0	
97	eclipse-paho.mqtt.c	1.3.1	Copyright (c) 2009, 2012, 2017 - 2019 IBM Corp.	Eclipse Public License 1.0	
98	eclipse-paho.mqtt.java	1.2.0	Copyright (c) 2009, 2012 - 2017 IBM Corp and others.	Eclipse Public License 1.0	
99	eclipse-vm.util	3.6	copyright (c) 2008, 2010 VMware Inc. All rights reserved.	Eclipse Public License 1.0	
100	eclipse-xttext	2.17.0	(see Appx. B: eclipse-xttext 2.17.0)	Eclipse Public License 1.0 (c.f. eclipse-xttext 2.17.0)	
101	eclipse-xttext	2.17.1	(see Appx. B: eclipse-xttext 2.17.1)	Eclipse Public License 1.0 (c.f. eclipse-xttext 2.17.1)	
102	eclipse	4.11	Copyright (c) 2009, 2010, 2013, 2019 Eclipse contributors and others. Copyright (c) 2019-2013 EclipseSource Inc. and others.	Eclipse Public License 2.0 (c.f. eclipse 4.11)	
103	eclipse	4.5.0	Copyright (c) 2010, 2013 IBM Corporation and others.	Eclipse Public License 1.0	
104	eclipse	4.6.1	Copyright (c) Eclipse Contributors 2009, 2016	Eclipse Public License 1.0	
105	editarea	0.8.2	Copyright (c) 2008, Christophe Dolivet	BSD 3-clause "New" or "Revised" License	
106	entrust-security-toolkit-01846	8.0.33	Entrust	TAC#1846	
107	ESAPI	2.1.0.1	Copyright (c) 2007 - The OWASP Foundation	BSD 3-clause "New" or "Revised" License	
108	failureaccess	1.0	Copyright (C) 2018 The Guava Authors	Apache License 2.0	
109	fasterxml-jackson-annotations	2.9.0	Copyright (c) 2008, 2013, 2017 FasterXML. All rights reserved.	Apache License 2.0	
110	fasterxml-jackson-annotations	2.9.9	Copyright (c) 2008, 2013, 2019 <a href="http://fasterxml.com/">http://fasterxml.com/</a> >FasterXML. All rights reserved.	Apache License 2.0 (c.f. fasterxml-jackson-annotations 2.9.9)	
111	fasterxml-jackson-core	2.9.7	Copyright (c) 2007 - Tatu Saloranta, tatu.saloranta@iki.fi	Apache License 2.0	
112	fasterxml-jackson-core	2.9.9	Copyright (c) 2007 - Tatu Saloranta, tatu.saloranta@iki.fi	Apache License 2.0 (c.f. fasterxml-jackson-core 2.9.9)	
113	fasterxml-jackson-databind	2.9.7	Copyright (c) 2007 Tatu Saloranta	Apache License 2.0 (c.f. fasterxml-jackson-databind 2.9.7)	
114	fasterxml-jackson-databind	2.9.9	Copyright (c) Tatu Saloranta (tatu.saloranta@iki.fi)	Apache License 2.0 (c.f. fasterxml-jackson-databind 2.9.9)	

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
115	fasterxml-jackson-jaxrs-base	2.9.9	Copyright (c) 2018 FasterXML. All rights reserved. Copyright (c) Tatu Saloranta	Apache License 2.0	
116	fasterxml-jackson-jaxrs-json-provider	2.9.9	Copyright 2018 FasterXML. All rights reserved. Copyright (c) Tatu Saloranta	Apache License 2.0	
117	fasterxml-jackson-module-jaxb-annotations	2.9.9	Copyright (c) 2018 FasterXML. All rights reserved. Copyright (c) Tatu Saloranta	Apache License 2.0 (c.f. fasterxml-jackson-module-jaxb-annotations 2.9.9)	
118	fasterxml-java-classmate	1.3.4	Copyright (c) Tatu Saloranta (tatu.saloranta@iki.fi)	Apache License 2.0	
119	fdlibm	5.3	Copyright (C) 1993-2004 by Sun Microsystems, Inc. All rights reserved. Developed at SunSoft, a Sun Microsystems, Inc. business.	Netlib Freely Distributable LIBM License	
120	fluent-hc	4.5.2	Copyright (c) 1999 - 2018 The Apache Software Foundation	Apache License 2.0	
121	fluent-hc	4.5.6	Copyright (c) 2011-2018 The Apache Software Foundation	Apache License 2.0 (c.f. fluent-hc 4.5.6)	
122	GEF-zest	3.10.1	Copyright (c) 2010 IBM Corporation and others. All rights reserved	Eclipse Public License 1.0	
123	gemini-blueprint-core	3.0.0.M01	Copyright (c) 2006, 2010 VMware Inc., Oracle Inc.	Apache License 2.0 (c.f. gemini-blueprint-core 3.0.0.M01)	
124	gemini-blueprint-extender	3.0.0.M01	Copyright (c) 2006, 2010, 2012 VMware Inc., Oracle Inc.	Apache License 2.0	
125	gemini-blueprint-io	3.0.0.M01	Copyright (c) 2006, 2010 VMware Inc.	Apache License 2.0	
126	gf.asm.jar	3.1	(see Appx. B: gf.asm.jar 3.1)	GlassFish - Common Development and Distribution License 1.1	
127	gf.jackson-core-asl.jar	1.9.2	(see Appx. B: gf.jackson-core-asl.jar 1.9.2)	GlassFish - Common Development and Distribution License 1.1	
128	gf.jackson-jaxrs.jar	1.9.2	(see Appx. B: gf.jackson-jaxrs.jar 1.9.2)	GlassFish - Common Development and Distribution License 1.1	
129	gf.jackson-mapper-asl.jar	1.9.2	(see Appx. B: gf.jackson-mapper-asl.jar 1.9.2)	GlassFish - Common Development and Distribution License 1.1	
130	gf.javax.jms.jar	1.1	(see Appx. B: gf.javax.jms.jar 1.1)	GlassFish - Common Development and Distribution License 1.1	
131	gf.javax.servlet.jsp.jstl.jar	1.2.5-b03	(see Appx. B: gf.javax.servlet.jsp.jstl.jar 1.2.5-b03)	GlassFish - Common Development and Distribution License 1.1	
132	gf.jersey-client.jar	1.16	(see Appx. B: gf.jersey-client.jar 1.16)	GlassFish - Common Development and Distribution License 1.1	
133	gf.jersey-core.jar	1.16	(see Appx. B: gf.jersey-core.jar 1.16)	GlassFish - Common Development and Distribution License 1.1	
134	gf.jersey-gf-server.jar	1.16	(see Appx. B: gf.jersey-gf-server.jar 1.16)	GlassFish - Common Development and Distribution License 1.1	
135	gf.jersey-gf-servlet.jar	1.16	(see Appx. B: gf.jersey-gf-servlet.jar 1.16)	GlassFish - Common Development and Distribution License 1.1	
136	gf.jersey-guava.jar	2.26-b03	Copyright (c) Oracle and/or its affiliates. All rights reserved.  Software AG elects to include this software in this distribution under the CDDL license.	GlassFish - Common Development and Distribution License 1.1	
137	gf.jersey-json.jar	1.16	(see Appx. B: gf.jersey-json.jar 1.16)	GlassFish - Common Development and Distribution License 1.1	
138	gf.osgi-resource-locator.jar	1.0.1	(see Appx. B: gf.osgi-resource-locator.jar 1.0.1)	GlassFish - Common Development and Distribution License 1.1	
139	glassfish	5.0	Copyright (c) 2010, 2017, Oracle and/or its affiliates. All rights reserved.	Common Development and Distribution License 1.1	
140	glassfish	5.1	Copyright (c) 1997, 2000, 2004, 2008, 2010, 2013, 2017, 2018 Oracle and/or its affiliates. All rights reserved.	Eclipse Public License 2.0 (c.f. glassfish 5.1)	
141	google-guava	27.1-jre	Copyright (c) 2005 - 2018 The Guava Authors.	Apache License 2.0 (c.f. google-guava 27.1-jre)	
142	guava	18.0	Copyright (C) 2010 The Guava Authors	Apache License 2.0	
143	guava	19.0	Copyright (c) 2005-2015 The Guava Authors.	Apache License 2.0 (c.f. guava 19.0)	
144	guava	20.0	Copyright (c) 2008-2012The Guava Authors	Apache License 2.0	
145	hash-library	7.0	Copyright (c) 2014,2015 Stephan Brumme. All rights reserved.	zlib/libpng License	
146	hibernate-validator	5.3.6.Final	Copyright (c) 2009 IIZUKA Software Technologies Ltd	Apache License 2.0	
147	httpclient	4.5.2	Copyright (c) 1999-2016 The Apache Software Foundation	Apache License 2.0 (c.f. httpclient 4.5.2)	
148	httpclient	4.5.6	(see Appx. B: httpclient 4.5.6)	Apache License 2.0	

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
149	httpcore	4.4.10	Copyright (c) 2001 - 2018 The Apache Software Foundation	Apache License 2.0	
150	httpcore	4.4.4	Copyright (c) 2005-2015 The Apache Software Foundation	Apache License 2.0 (c.f. httpcore 4.4.4)	
151	httpcore	4.4.9	Copyright (c) 2001 - 2018 The Apache Software Foundation	Apache License 2.0	
152	ibm-jdk-aix-02113	1.8.0 SR5 FP35	Copyright (c) 1992, 2018, Oracle and/or its affiliates. Copyright (c) IBM Corporation, 1998, 2018.	TAC#02113	Operating system restrictions: CJP 1.8: Only on AIX
153	ibm-jdk-aix-02113	1.8.0 SR6	Copyright (c) IBM Corporation	TAC#02113	Fix version restrictions: CJP 1.8: in CJP_10.5_Fix122  Operating system restrictions: CJP 1.8: Only on AIX
154	ibm-jdk-aix-02113	1.8.0 SR6 FP20	Copyright (c) 2020 IBM Corporation	TAC#02113	Fix version restrictions: CJP 1.8: in CJP_10.5_Fix132  Operating system restrictions: CJP 1.8: Only on AIX
155	ibm-jdk-zlinux-02113	1.8.0 SR5 FP35	Copyright (c) 1992, 2018, Oracle and/or its affiliates. Copyright (c) IBM Corporation, 1998, 2018.	TAC#02113	Operating system restrictions: CJP 1.8: Only on z/Linux
156	ical4j	1.0-beta2	Copyright (c) 2006, Ben Fortuna All rights reserved.	BSD 3-clause "New" or "Revised" License	
157	icu4j	4.0.1.1	Copyright (C) 2006-2008, International Business Machines Corporation and others. All Rights Reserved.	ICU License	
158	icu4j	52.1	Copyright (C) 2007-2013, International Business Machines Corporation and others. All Rights Reserved.	ICU License	
159	icu	60.2	Copyright (c) 2016 and later: Unicode, Inc. and others. Copyright (c) 2008-2012, International Business Machines Corporation and others. All Rights Reserved.	Copyright and Permission Notice ICU 58 and later	
160	intel-decimalfp	2.0U1_mod.0001	Copyright (c) 2011, Intel Corp.	BSD 3-clause "New" or "Revised" License	
161	jackson-dataformat-cbor	2.9.9	Copyright (c) 2018 FasterXML. All rights reserved. Copyright (c) Tatu Saloranta	Apache License 2.0	
162	jackson-dataformat-yaml	2.9.9	Copyright (c) 2018 FasterXML. All rights reserved. Copyright (c) Tatu Saloranta	Apache License 2.0	
163	jargs	1	Copyright (c) 2001-2003 Steve Purcell. Copyright (c) 2002 Vidar Holen. Copyright (c) 2002 Michal Ceresna. Copyright (c) 2005 Ewan Mellor.	BSD 3-clause "New" or "Revised" License	
164	javassist	3.23.1-GA	Copyright (c) 1999-2018 by Shigeru Chiba, All rights reserved.	Mozilla Public License 2.0 (as successor of NPL and MPL 1.0 - 1.1)	
165	javax-inject	1-9.4.0-SNAPSHOT.jar	Copyright (C) 2009 The JSR-330 Expert Group	Apache License 2.0	
166	javax.activation	1.2.0	Copyright (c) 1997 - 2017 Oracle and/or its affiliates. All rights reserved. Copyright (c) 1989, 1991 Free Software Foundation, Inc.	Common Development and Distribution License 1.1	
167	javax.activation	1.2.0.Final	Copyright (c) 1997 - 2017 Oracle and/or its affiliates. All rights reserved	Common Development and Distribution License 1.1	
168	javax.json-api	1.1.2	Copyright (c) 2011-2016 Oracle and/or its affiliates. All rights reserved.	Common Development and Distribution License 1.1	
169	jaxb-api	2.3.1	Copyright (c) 1989, 1989 Free Software Foundation Copyright (c) 2003-2018 Oracle and/or its affiliates.	Common Development and Distribution License 1.1 (c.f. jaxb-api 2.3.1)	
170	jaxen	1.1.1	Copyright 2003-2006 The Werken Company. All Rights Reserved.	BSD 3-clause "New" or "Revised" License	
171	jbeder-yaml-cpp	0.5.2	Copyright (c) 2008-2015 Jesse Beder.	MIT License (also X11)	
172	jboss-logging	3.3.2.Final	Copyright (c) 2010 - 2011, 2013, 2015, 2017 Red Hat, Inc., and individual contributors	Apache License 2.0	

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
173	jcl-over-slf4j	1.6.1	Copyright (c) 2001-2004 The Apache Software Foundation	Apache License 2.0	
174	jcl-over-slf4j	1.7.0	Copyright (c) 2001-2004 The Apache Software Foundation	Apache License 2.0	
175	jcl-over-slf4j	1.7.25	Copyright (c) 2001 - 2004 The Apache Software Foundation.	Apache License 2.0	
176	jdom	1.0.0.v201005080400	Copyright (C) 2000-2004 Jason Hunter & Brett McLaughlin. All rights reserved.	JDOM License	
177	jemalloc	5.0.1	(see Appx. B: jemalloc 5.0.1)	BSD 2-clause "Simplified" or "FreeBSD" License	
178	jersey-apache-client	1.8	(see Appx. B: jersey-apache-client 1.8)	Common Development and Distribution License 1.1	
179	jersey-client	1.8	(see Appx. B: jersey-client 1.8)	Common Development and Distribution License 1.1	
180	jersey-core	1.16	Copyright (c) 2010 The Apache Software Foundation. Copyright (c) 2006 Google Inc. Copyright (c) 2010-2012 Oracle and/or its affiliates.	Common Development and Distribution License 1.1 (c.f. jersey-core 1.16)	
181	jersey-core	1.8	(see Appx. B: jersey-core 1.8)	Common Development and Distribution License 1.1	
182	jersey-multipart	1.8	(see Appx. B: jersey-multipart 1.8)	Common Development and Distribution License 1.1	
183	jettison	1.2	Copyright 2006 Envoi Solutions LLC	Apache License 2.0	
184	jetty-util-ajax	9.2.18.v20160721	Copyright (c) 2010 - 2014 Oracle and/or its affiliates. All rights reserved. Copyright (c) 2006 Google Inc.	Common Development and Distribution License 1.1	
185	jetty-util	8.1.7.v20120910	(see Appx. B: jetty-util 8.1.7.v20120910)	Apache License 2.0	
186	jetty-util	9.2.18.v20160721	(see Appx. B: jetty-util 9.2.18.v20160721)	Apache License 2.0 (c.f. jetty-util 9.2.18.v20160721)	
187	jline-jline2	2.12.0	Copyright (c) 2002-2012, the original author or authors. All rights reserved.	BSD 3-clause "New" or "Revised" License	
188	joda-time	1.6.2	Copyright 2001-2007 Stephen Colebourne.	Apache License 2.0 (c.f. joda-time 1.6.2)	
189	joda-time	2.9.3	Copyright 2001-2005 Stephen Colebourne	Apache License 2.0	
190	joda-time	2.9.4	Copyright (c) 2001-2014 Stephen Colebourne	Apache License 2.0	
191	joda-time	2.9.9	Copyright (c) 2001-2016 Stephen Colebourne	Apache License 2.0 (c.f. joda-time 2.9.9)	
192	jquery-csv	1.0	Copyright (c) 2008 sanand0	Apache License 2.0	
193	jquery-jquery-ui	1.8.6	Copyright (c) 2010 Paul Bakaas	MIT License (also X11) (c.f. jquery-jquery-ui 1.8.6)	
194	jquery-threedots	1.0.10	Copyright (c) 2010 Jeremy Horn	MIT License (also X11)	
195	jquery-tools	1.2.5	NO COPYRIGHTS OR LICENSES. DO WHAT YOU LIKE.	MIT License (also X11) (c.f. jquery-tools 1.2.5)	
196	jquerydatatable	1.5.2	Copyright (c) 2008-2009, Allan Jardine	BSD 3-clause "New" or "Revised" License	
197	jquery	1.3	Copyright (c) 2009 John Resig	MIT License (also X11)	
198	jquery	1.4.2	Copyright 2010, John Resig	MIT License (also X11) (c.f. jquery 1.4.2)	
199	jsch	0.1.54	Copyright (c) 2002-2016 ymnk, JCraft, Inc. All rights reserved.	BSD 3-clause "New" or "Revised" License	
200	jsocks	1.01	(c) sourceforge	GNU Lesser General Public License v2.1	
201	json-path	1.2.0	Copyright (c) 2011 the original author or authors.	Apache License 2.0	
202	json-smart	2.1.0	Copyright (c) 2011 - 2014 JSON-SMART authors	Apache License 2.0	
203	jsr250-api	1.0	Copyright (c) 2005-2006 Sun Microsystems, Inc. All Rights Reserved.	Common Development and Distribution License 1.0	
204	jul-to-slf4j	1.7.25	Copyright (c) 2004-2011 QOS.ch	MIT License (also X11)	
205	jupp0r-prometheus-cpp	0.7.0	Copyright (c) 2016-2019 Jupp Mueller Copyright (c) 2017-2019 Gregor Jasny	MIT License (also X11)	
206	libantlr3c	3.2	Copyright (c) 2005-2009 Jim Idle, Temporal Wave LLC <a href="http://www.temporal-wave.com">http://www.temporal-wave.com</a> <a href="http://www.linkedin.com/in/jimidle">http://www.linkedin.com/in/jimidle</a> All rights reserved.	BSD 3-clause "New" or "Revised" License	
207	libxml2	2.9.7	Copyright (C) 1998-2012 Daniel Veillard. All Rights Reserved.	MIT License (also X11) (c.f. libxml2 2.9.7)	

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
208	llvm	5.0.1	Copyright (c) 2003-2017 University of Illinois at Urbana-Champaign. All rights reserved. Copyright (c) 2003, 2005 - 2009, 2013, 2015 Google Inc.	University of Illinois/NCSSA Open Source License (c.f. llvm 5.0.1)	
209	log4j-api	2.11.2	Copyright (c) 1999-2019 The Apache Software Foundation	Apache License 2.0	
210	log4j-core	2.11.2	Copyright (c) 1999-2012 Apache Software Foundation	Apache License 2.0 (c.f. log4j-core 2.11.2)	
211	log4j-over-slf4j	1.7.25	Copyright (c) 2001-2004 The Apache Software Foundation.	Apache License 2.0 (c.f. log4j-over-slf4j 1.7.25)	
212	log4j-slf4j-impl	2.11.2	Copyright (c) 1999-2019 The Apache Software Foundation	Apache License 2.0 (c.f. log4j-slf4j-impl 2.11.2)	
213	log4j-to-slf4j	2.11.2	Copyright (c) 1999-2019 The Apache Software Foundation	Apache License 2.0 (c.f. log4j-to-slf4j 2.11.2)	
214	log4j	1.2.17	Copyright (c) 1999-2007 The Apache Software Foundation. Copyright (c) 2000 Sun Microsystems, Inc.	Apache License 2.0 (c.f. log4j 1.2.17)	
215	log4net	1.2.13	Copyright 2004-2013 The Apache Software Foundation	Apache License 2.0	Fix version restrictions: PAK 10.5: till 10.5.3.2
216	logback-classic	1.1.11	Copyright (c) 1999 - 2016 , QOS.ch. All rights reserved.	Eclipse Public License 1.0 (c.f. logback-classic 1.1.11)	
217	logback-core	1.1.11	Copyright (C) 1999-2015, QOS.ch. All rights reserved	Eclipse Public License 1.0 (c.f. logback-core 1.1.11)	
218	lucene	2.4.1	(see Appx. B: lucene 2.4.1)	Apache License 2.0 (c.f. lucene 2.4.1)	
219	lucene	6.1.0	Copyright 2014 The Apache Software Foundation	Apache License 2.0	
220	maven-invoker	2.1.1	Copyright (c) 2002 - 2012 The Apache Software Foundation	Apache License 2.0	
221	miloyip-rapidjson	1.0.2	Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip. All rights reserved.	MIT License (also X11)	
222	mimepull	1.4	Sun Microsystems, Inc <a href="http://www.sun.com/">http://www.sun.com/</a>	GlassFish - Common Development and Distribution License 1.0	
223	ms-visual-c++-redistributable-package	2015update3	Copyright Microsoft VISUAL C++ 2015 Update 3	MICROSOFT VISUAL C++ REDISTRIBUTABLE FOR VISUAL STUDIO 2015	
224	ms-visual-c++-redistributable-package	2017update14.12.25810	Copyright (c) Microsoft VISUAL C++ 2017 update 14.12.25810	MICROSOFT VISUAL C++ REDISTRIBUTABLE FOR VISUAL STUDIO 2017	
225	ms-windows10sdk-redistributable	10.0.10240.16384	Copyright (c) 2010 Microsoft	Microsoft Software License Terms SDK for Windows 10	
226	murmurhash2	1.1.1		MIT License (also X11)	
227	netlib-fp-dtoa	16june2003	The author of this software is David M. Gay. Copyright (c) 1991, 2000, 2001 by Lucent Technologies.	Netlib fp License	
228	netlib-fp-g_fmt	16june2003	The author of this software is David M. Gay. Copyright (c) 1991, 1996 by Lucent Technologies.	Netlib fp License	
229	netscape-directory-sdk	4.1	Copyright (c) 1999 - 2001 Netscape Communications Corporation.	Mozilla Public License 2.0 (as successor of NPL and MPL 1.0 - 1.1)	
230	not-yet-commons-ssl	0.3.16	Copyright 2002-2006 The Apache Software Foundation	Apache License 2.0 (c.f. not-yet-commons-ssl 0.3.16)	
231	nss-builtin-certdata	20190704	(see Appx. B: nss-builtin-certdata 20190704)	Mozilla Public License 2.0	
232	openldap-project	2.4.48	Copyright (c) 1998-2019 The OpenLDAP Foundation All rights reserved.	OpenLDAP Public License v2.8 (c.f. openldap-project 2.4.48)	
233	opensaml2	2.6.5	Licensed to the University Corporation for Advanced Internet Development, Inc. (UCAID) under one or more contributor license agreements.	Apache License 2.0	
234	openssl	1.1.1a	Copyright 1998-2018 The OpenSSL Project	OpenSSL License (c.f. openssl 1.1.1a)	Fix version restrictions: PAK 10.5: till 10.5.1.0  Operating system restrictions: PAK 10.5: Only on LinuxARM



## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
235	openssl	1.1.1c	Copyright (c) 1998-2019 The OpenSSL Project Copyright (c) 1995-1998 Eric A. Young, Tim J. Hudson All rights reserved.	OpenSSL License (c.f. openssl 1.1.1c)	
236	openssl	1.1.1d	Copyright (c) 1998-2019 The OpenSSL Project Copyright (c) 1995-1998 Eric A. Young, Tim J. Hudson All rights reserved.	OpenSSL License (c.f. openssl 1.1.1d)	Fix version restrictions: PAK 10.5: from 10.5.1.0, till 10.5.3  Operating system restrictions: PAK 10.5: Only on LinuxARM
237	openssl	1.1.1e	(see Appx. B: openssl 1.1.1e)	OpenSSL License (c.f. openssl 1.1.1e)	Fix version restrictions: PAK 10.5: from 10.5.3  Operating system restrictions: PAK 10.5: Only on LinuxARM
238	openws	1.5.5	Licensed to the University Corporation for Advanced Internet Development, Inc. (UCAID) under one or more contributor license agreements	Apache License 2.0	
239	org.apache.servicemix.bundles.aopalliance	1.0_6	Copyright (c) 2005 - 2012 The Apache Software Foundation	Apache License 2.0	
240	org.apache.xml.resolver	1.2.0.v201005080400	Copyright 2006 The Apache Software Foundation.	Eclipse Public License 1.0	
241	org.osgi.service.jaxrs	1.0.0	Copyright (c) 2000, 2010, 2012, 2017 - 2018 OSGi Alliance . All Rights Reserved.	Apache License 2.0	
242	poco	1.9.0	Copyright (c) 2004 - 2018 , Applied Informatics Software Engineering GmbH and Contributors.	Boost Software License 1.0 (c.f. poco 1.9.0)	
243	poi	3.9	(see Appx. B: poi 3.9)	Apache License 2.0 (c.f. poi 3.9)	
244	protobuf	3.7.1	Copyright (c) 2005-2009, 2013-2017 Google Inc. All rights reserved.	BSD 3-clause "New" or "Revised" License (c.f. protobuf 3.7.1)	
245	pysys	1.5.0	Copyright (c) 2006 - 2019 M.B. Grieve Copyright (c) 1991, 1999 Free Software Foundation, Inc.	GNU Lesser General Public License v2.1	Fix version restrictions: PAK 10.5: till 10.5.3.0
246	pysys	1.5.1	Copyright (c) 2006-2020 M.B. Grieve Copyright (c) 1991-1999 Free Software Foundation, Inc. Copyright (c) 2019-2020 Ben Spiller	GNU Lesser General Public License v2.1	Fix version restrictions: PAK 10.5: from 10.5.3.0
247	relaxng-datatype	1.0.0	@author "mailto:jjc@jclark.com" James Clark @author "mailto:kohsuke.kawaguchi@sun.com" Kohsuke KAWAGUCHI	Common Development and Distribution License 1.0	
248	reserve-cxx-client	1-8.5	Copyright (c) 2004-8 Simon Urbanek, All rights reserved.	GNU Lesser General Public License v2.1	
249	rhino	1.6R7	(see Appx. B: rhino 1.6R7)	Mozilla Public License 2.0	
250	rhino	1.7R3	(see Appx. B: rhino 1.7R3)	Mozilla Public License 2.0 (c.f. rhino 1.7R3)	
251	roboto-fontface	0.7.0	Copyright (c) 2015 Google Inc. All Rights Reserved.	Apache License 2.0	
252	saxpath	1.0-FCS	(see Appx. B: saxpath 1.0-FCS)	Mozilla Public License 2.0 (c.f. saxpath 1.0-FCS)	
253	serializer	2.7.2	Copyright The Apache Software Foundation	Apache License 2.0	
254	servlet-api_jsr154	2.5	Copyright 2005 Sun Microsystems, Inc. All rights reserved.	Common Development and Distribution License 1.0 (c.f. servlet-api_jsr154 2.5)	
255	simpleclient_common	0.3.0	Copyright (c) 2012-2015 The Prometheus Authors	Apache License 2.0	
256	simpleclient_spring_bot	0.3.0	Copyright (c) 2012-2015 The Prometheus Authors	Apache License 2.0	
257	simpleclient_spring_web	0.3.0	Copyright (c) 2012-2015 The Prometheus Authors	Apache License 2.0	
258	simpleclient	0.3.0	Copyright (c) 2012 Andrew Wang (andrew@umbrant.com)	Apache License 2.0	
259	slevithan-cross-browser-split	1.0	(c) Steven Levithan <stevenlevithan.com>	MIT License (also X11)	
260	slf4j-api	1.7.0	Copyright (c) 2004 - 2012 QOS.ch. All Rights Reserved.	MIT License (also X11)	

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
261	slf4j-api	1.7.25	Copyright (c) 2004-2011 QOS.ch. All rights reserved.	MIT License (also X11)	
262	slf4j-log4j12	1.7.0	Copyright (c) 2004-2011 QOS.ch.	MIT License (also X11) (c.f. slf4j-log4j12 1.7.0)	
263	slf4j	1.7.25	Copyright (c) 2004-2011 QOS.ch	MIT License (also X11)	
264	slf4j	1.7.7	Copyright (c) 2004-2013 QOS.ch All rights reserved	MIT License (also X11)	
265	snakeyaml	1.17	Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a>	Apache License 2.0	
266	snakeyaml	1.19	Copyright (c) 2008, 2013, 2017 <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a> . All rights reserved.	Apache License 2.0 (c.f. snakeyaml 1.19)	
267	snakeyaml	1.24	Copyright (c) 2008 <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a>	Apache License 2.0 (c.f. snakeyaml 1.24)	
268	soap	2.3.1	Copyright (c) 2000 The Apache Software Foundation. All rights reserved.	Apache License 1.1	
269	sphinx	1.7.6	(see Appx. B: sphinx 1.7.6)	BSD 2-clause "Simplified" or "FreeBSD" License	Fix version restrictions: PAK 10.5: till 10.5.3
270	sphinx	3.0.1	(see Appx. B: sphinx 3.0.1)	BSD 3-clause "New" or "Revised" License (c.f. sphinx 3.0.1)	Fix version restrictions: PAK 10.5: from 10.5.3.0
271	spring-aop	3.2.18.RELEASE	Copyright (c) 2005 - 2017 The Apache Software Foundation	Apache License 2.0	
272	spring-aop	4.3.22.RELEASE	Copyright (c) 2002-2018 the original author or authors.	Apache License 2.0 (c.f. spring-aop 4.3.22.RELEASE)	
273	spring-beans	3.2.18.RELEASE	(see Appx. B: spring-beans 3.2.18.RELEASE)	Apache License 2.0	
274	spring-beans	4.3.22.RELEASE	Copyright (c) 2002-2018 the original author or authors.	Apache License 2.0	
275	spring-boot-actuator	1.5.19.RELEASE	Copyright (c) 2012 - 2018 the original author or authors.	Apache License 2.0 (c.f. spring-boot-actuator 1.5.19.RELEASE)	
276	spring-boot-autoconfigure	1.5.19.RELEASE	Copyright (c) 2012 - 2018 the original author or authors.	Apache License 2.0 (c.f. spring-boot-autoconfigure 1.5.19.RELEASE)	
277	spring-boot-starter-actuator	1.5.19.RELEASE	Copyright (c) 2012-2015 the original author or authors.	Apache License 2.0 (c.f. spring-boot-starter-actuator 1.5.19.RELEASE)	
278	spring-boot-starter-aop	1.5.19.RELEASE	Copyright (c) 2012-2015 the original author or authors.	Apache License 2.0 (c.f. spring-boot-starter-aop 1.5.19.RELEASE)	
279	spring-boot-starter-logging	1.5.19.RELEASE	Copyright (c) 2012-2015 the original author or authors.	Apache License 2.0 (c.f. spring-boot-starter-logging 1.5.19.RELEASE)	
280	spring-boot-starter-security	1.5.19.RELEASE	Copyright (c) 2012-2015 the original author or authors.	Apache License 2.0 (c.f. spring-boot-starter-security 1.5.19.RELEASE)	
281	spring-boot-starter-tomcat	1.5.19.RELEASE	Copyright (c) 2012-2015 the original author or authors.	Apache License 2.0 (c.f. spring-boot-starter-tomcat 1.5.19.RELEASE)	
282	spring-boot-starter-web	1.5.19.RELEASE	Copyright (c) 2012-2015 the original author or authors.	Apache License 2.0 (c.f. spring-boot-starter-web 1.5.19.RELEASE)	
283	spring-boot-starter	1.5.19.RELEASE		Apache License 2.0	
284	spring-boot	1.5.19.RELEASE	Copyright (c) 2012 - 2018 the original author or authors.	Apache License 2.0 (c.f. spring-boot 1.5.19.RELEASE)	
285	spring-context	3.2.18.RELEASE	(see Appx. B: spring-context 3.2.18.RELEASE)	Apache License 2.0 (c.f. spring-context 3.2.18.RELEASE)	
286	spring-context	4.3.22.RELEASE	Copyright (c) 2002-2014 the original author or authors.	Apache License 2.0 (c.f. spring-context 4.3.22.RELEASE)	
287	spring-core	3.2.18.RELEASE	(see Appx. B: spring-core 3.2.18.RELEASE)	Apache License 2.0	
288	spring-core	4.3.22.RELEASE	Copyright (c) 2002-2014 the original author or authors.	Apache License 2.0 (c.f. spring-core 4.3.22.RELEASE)	
289	spring-expression	3.2.18.RELEASE	(see Appx. B: spring-expression 3.2.18.RELEASE)	Apache License 2.0	
290	spring-expression	4.3.22.RELEASE	Copyright (c) 2002-2014 the original author or authors.	Apache License 2.0 (c.f. spring-expression 4.3.22.RELEASE)	
291	spring-projects-spring-framework	5.1.3.RELEASE	Copyright (c) 2002-2018 Pivotal, Inc.	Apache License 2.0 (c.f. spring-projects-spring-framework 5.1.3.RELEASE)	

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

No.	Name	Version	Copyright (oversized see Appx. B)	Licenses (Appx. A) and embedded Notices (Appx. C)	Package Comment
292	spring-security-config	4.2.11.RELEASE	Copyright (c) 2002-2016 the original author or authors.	Apache License 2.0 (c.f. spring-security-config 4.2.11.RELEASE)	
293	spring-security-core	3.2.10.RELEASE	Copyright (c) 2006 Damien Miller <djm@mindrot.org> Copyright (c) 2002-2014 the original author or authors. Copyright (c) 2004 Acegi Technology Pty Limited	Apache License 2.0 (c.f. spring-security-core 3.2.10.RELEASE)	
294	spring-security-core	4.2.11.RELEASE	Copyright (c) 2002-2016 the original author or authors.	Apache License 2.0 (c.f. spring-security-core 4.2.11.RELEASE)	
295	spring-security-core	5.0.6.RELEASE	Copyright (c) 2002 - 2018 the original author or authors. Copyright (c) 2004 - 2006 Acegi Technology Pty Limited	Apache License 2.0 (c.f. spring-security-core 5.0.6.RELEASE)	
296	spring-security-saml2-core	1.0.4	(see Appx. B: spring-security-saml2-core 1.0.4)	Apache License 2.0	
297	spring-security-web	4.2.11.RELEASE	Copyright (c) 2004, 2005, 2006 Acegi Technology Pty Limited Copyright (c) 2002-2016 the original author or authors	Apache License 2.0	
298	spring-webmvc	4.3.22.RELEASE	Copyright (c) 2002-2014 the original author or authors.	Apache License 2.0 (c.f. spring-webmvc 4.3.22.RELEASE)	
299	spring-web	4.3.22.RELEASE	Copyright (c) 2002-2014 the original author or authors.	Apache License 2.0 (c.f. spring-web 4.3.22.RELEASE)	
300	stax2-api	3.1.4	Copyright (c) 2009 FasterXML, LLC	BSD 3-clause "New" or "Revised" License	
301	swagger-annotations	1.5.22	Copyright (c) 2016 SmartBear Software	Apache License 2.0	
302	swagger-core	1.5.22	Copyright (c) 2016 SmartBear Software	Apache License 2.0	
303	swagger-models	1.5.22	Copyright (c) 2016 SmartBear Software	Apache License 2.0	
304	swagger-parser	1.0.44	Copyright (c) 2017 SmartBear Software	Apache License 2.0	
305	tanuki-silveregg-java-service-wrapper-02032	5.3.37	Copyright (c) Tanuki Software, Ltd. All Rights Reserved.	TAC#02032	
306	threadingbuildingblock-s-tbb	2017_20161004	Copyright (c) 2005-2016 Intel Corporation	Apache License 2.0	
307	tika-core	1.18	Copyright (c) 2007-2018 The Apache Software Foundation	Apache License 2.0	
308	tomcat-annotations-api	8.5.37	Copyright (c) 1999 - 2018 The Apache Software Foundation	Apache License 2.0	
309	tomcat-jdbc	8.5.35	Copyright (c) 2008 - 2018 The Apache Software Foundation	Apache License 2.0	
310	trang	20081028	Copyright (c) 2002, 2003, 2008 Thai Open Source Software Center Ltd All rights reserved.	BSD 3-clause "New" or "Revised" License	
311	validation-api	1.1.0.Final	(see Appx. B: validation-api 1.1.0.Final)	Apache License 2.0	
312	validation-api	2.0.1.Final	Copyright (c) 2012 - 2017 Red Hat Inc. All Rights Reserved.	Apache License 2.0	
313	winrun4j	0.4.5	Copyright Peter Smith	Eclipse Public License 1.0	
314	woodstox-core-asl	4.4.1	Copyright (c) 2004 - 2005 - Tatu Saloranta, tatu.saloranta@iki.fi	Apache License 2.0	
315	wsdl4j	1.6.2	Copyright IBM Corp 2001, 2006	Common Public License 1.0	
316	wss4j	1.6.19	Copyright (c) 2004-2015 The Apache Software Foundation	Apache License 2.0	
317	wstrange-googleauth	1.1.1	Copyright (c) 2014 - 2016 Enrico M. Crisostomo Copyright (c) 2013 Warren Strange	BSD 3-clause "New" or "Revised" License	
318	xercesImpl	2.12.0	Copyright (c) 1999 - 2018 The Apache Software Foundation.	Apache License 2.0 (c.f. xercesImpl 2.12.0)	
319	xml-apis	1.4.01	Copyright (c) 1999-2009 The Apache Software Foundation.	Apache License 2.0 (c.f. xml-apis 1.4.01)	
320	xml-apis	1.4.1	Copyright 1999-2009 The Apache Software Foundation.	Apache License 2.0 (c.f. xml-apis 1.4.1)	
321	xmlsec-java	1.5.6	Copyright 1999-2011 The Apache Software Foundation	Apache License 2.0	
322	xmltooling-java	1.4.5	Licensed to the University Corporation for Advanced Internet Development, Inc. (UCAID) under one or more contributor license agreements.	Apache License 2.0	
323	ymnk-jzlib	1.1.1	Copyright (c) 2011 ymnk, JCraft, Inc. All rights reserved.	BSD 3-clause "New" or "Revised" License	
324	zlib	1.2.3	(C) 1995-2004 Jean-loup Gailly and Mark Adler	zlib/libpng License	

## Appendix A - Licenses

### ANTLR 3 License

ANTLR 3 License

[The BSD License]

Copyright (c) 2003-2006, Terence Parr

All rights reserved.

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

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* 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.
- \* Neither the name of the author 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.

## **ANTLR Software Rights Notice**

### ANTLR SOFTWARE RIGHTS

ANTLR 1989-2006 Developed by Terence Parr

Partially supported by University of San Francisco & jGuru.com

We reserve no legal rights to the ANTLR--it is fully in the public domain. An individual or company may do whatever they wish with source code distributed with ANTLR or the code generated by ANTLR, including the incorporation of ANTLR, or its output, into commercial software.

We encourage users to develop software with ANTLR. However, we do ask that credit is given to us for developing ANTLR. By "credit", we mean that if you use ANTLR or incorporate any source code into one of your programs (commercial product, research project, or otherwise) that you acknowledge this fact somewhere in the documentation, research report, etc... If you like ANTLR and have developed a nice tool with the output, please mention that you developed it using ANTLR. In addition, we ask that the headers remain intact in our source code. As long as these guidelines are kept, we expect to continue enhancing this system and expect to make other tools available as they are completed.

The primary ANTLR guy:

Terence Parr  
parrt@cs.usfca.edu  
parrt@antlr.org

## Apache License 1.1

```
/* =====
* The 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:
* "This product includes software developed by the
* Apache Software Foundation (http://www.apache.org/)."
* Alternately, this acknowledgment may appear in the software itself,
* if and wherever such third-party acknowledgments normally appear.
*
* 4. The names "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.
*/
```

## Apache License 2.0

Apache License

Version 2.0, January 2004

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

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

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

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

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

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and Copyright (c) 2021 Software AG, Darmstadt, Germany

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with



the conditions stated in this License.

5. **Submission of Contributions.** Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.  
Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. **Trademarks.** This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. **Disclaimer of Warranty.** Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. **Limitation of Liability.** In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. **Accepting Warranty or Additional Liability.** While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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.

## **Boost Software License 1.0**

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

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, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## **BSD 2-clause "Simplified" or "FreeBSD" License**

Copyright <year> <copyright holder>. 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.

THIS SOFTWARE IS PROVIDED BY <COPYRIGHT HOLDER> ``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 <COPYRIGHT HOLDER> 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.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of <copyright holder>.

### **BSD 3-clause "New" or "Revised" License**

Copyright (c) <year>, <copyright holder>

All rights reserved.

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

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* 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.
- \* 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 <COPYRIGHT HOLDER> 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.

## BSD 4-clause for Cyrus SASL

\* Copyright (c) 1998-2016 Carnegie Mellon 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 name "Carnegie Mellon University" must not be used to  
\* endorse or promote products derived from this software without  
\* prior written permission. For permission or any other legal  
\* details, please contact

\* Carnegie Mellon University  
\* Center for Technology Transfer and Enterprise Creation  
\* 4615 Forbes Avenue  
\* Suite 302  
\* Pittsburgh, PA 15213  
\* (412) 268-7393, fax: (412) 268-7395  
\* [innovation@andrew.cmu.edu](mailto:innovation@andrew.cmu.edu)

\*

\* 4. Redistributions of any form whatsoever must retain the following  
\* acknowledgment:

\* "This product includes software developed by Computing Services  
\* at Carnegie Mellon University (<http://www.cmu.edu/computing/>)."

\*

\* CARNEGIE MELLON UNIVERSITY DISCLAIMS ALL WARRANTIES WITH REGARD TO  
\* THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY  
\* AND FITNESS, IN NO EVENT SHALL CARNEGIE MELLON UNIVERSITY BE LIABLE  
\* FOR 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.

\*/

## Common Development and Distribution License 1.0

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.

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.

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

(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-INFRINGEMENT. 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

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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. Â§ 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.

## Common Development and Distribution License 1.1

### COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

#### Version 1.1

#### 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.

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.

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

(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.

Oracle 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-INFRINGEMENT. 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. If You assert a patent infringement claim against Participant alleging that the Participant 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 such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

6.4. 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

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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.

### 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.

## Common Public License 1.0

Common Public License Version 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON 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 licenses granted hereunder, each Recipient hereby assumes sole

Copyright (c) 2021 Software AG, Darmstadt, Germany

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. REQUIREMENTS

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 (c) 2021 Software AG, Darmstadt, Germany



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 damages.

### 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 a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, 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. IBM is the initial Agreement Steward. IBM 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.

## Copyright and Permission Notice ICU 58 and later

COPYRIGHT AND PERMISSION NOTICE (ICU 58 and later)

Copyright 1991-2016 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either

- (a) this copyright and permission notice appear with all copies of the Data Files or Software, or
- (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE 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 THE DATA FILES OR 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 these Data Files or Software without prior written authorization of the copyright holder.

## **dom4j License**

Copyright 2001-2010 (C) MetaStuff, Ltd. All Rights Reserved.

Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain copyright statements and notices. Redistributions must also contain a copy of this document.
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 name "DOM4J" must not be used to endorse or promote products derived from this Software without prior written permission of MetaStuff, Ltd. For written permission, please contact [dom4j-info@metastuff.com](mailto:dom4j-info@metastuff.com).
4. Products derived from this Software may not be called "DOM4J" nor may "DOM4J" appear in their names without prior written permission of MetaStuff, Ltd. DOM4J is a registered trademark of MetaStuff, Ltd.
5. Due credit should be given to the DOM4J Project - <http://dom4j.sourceforge.net>

THIS SOFTWARE IS PROVIDED BY METASTUFF, LTD. AND CONTRIBUTORS ``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 METASTUFF, LTD. 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.

## Eclipse Public License 1.0

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 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. REQUIREMENTS

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.

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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 damages.

### 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.

### Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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.

## Eclipse Public License 2.0

Eclipse Public License - v 2.0

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 content 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 changes or additions to the Program that are not Modified Works.

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 or any Secondary License (as applicable), including Contributors.

Derivative Works shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

Modified Works shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

Distribute means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

Source Code means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

Secondary License means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

### 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.

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 or other 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 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.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS



## 3.1 If a Contributor Distributes the Program in any form, then:

- a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and
- b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:
  - i) effectively disclaims on behalf of all other 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 other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and
  - iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

## 3.2 When the Program is Distributed as Source Code:

- a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and
- b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability (notices) contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

## 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 damages.

## 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, 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, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, 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.

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A Form of Secondary Licenses Notice

This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

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.

## **GlassFish - Common Development and Distribution License 1.0**

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.

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.

Copyright (c) 2021 Software AG, Darmstadt, Germany

## 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 recipients 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.

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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-INFRINGEMENT. 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 jurisdictions 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.

## GlassFish - Common Development and Distribution License 1.1

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.1

### 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.
- 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

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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.

Oracle 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, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. 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



### Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. If You assert a patent infringement claim against Participant alleging that the Participant 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 such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

6.4. 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 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.

## **GNU General Public License v2.0 with Classpath Exception**

insert GPL v2 license text here

### Class Path Exception

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 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.

## GNU Lesser General Public License v2.1

### GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 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.

[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, 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 and use pieces of it in new free programs; and that you are informed that you can do these things.

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

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software.

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, 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 library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete 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 distribute a copy of this License along with the Library.

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 Library or any portion of it, thus forming a work based on the Library, 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) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.  
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, 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 Library, 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 Library.

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

### Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of 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 satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be 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.

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library 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.

9. 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 Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library 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 with this License.

11. 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 Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library 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 Library.

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.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library 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.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser 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 Library 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 Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, 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

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE

### Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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

16. 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 LIBRARY 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 LIBRARY (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 LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

## GNU Lesser General Public License v3.0

### GNU LESSER GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

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

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

#### 0. Additional Definitions.

As used herein, this License refers to version 3 of the GNU Lesser General Public License, and the GNU GPL refers to version 3 of the GNU General Public License.

The Library refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An Application is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A Combined Work is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the Linked Version.

The Minimal Corresponding Source for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The Corresponding Application Code for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

#### 1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

#### 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

#### 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the object code with a copy of the GNU GPL and this license document.

#### 4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

- a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the Combined Work with a copy of the GNU GPL and this license document.
- c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
- d) Do one of the following:
  - 0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified



## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

### 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

### 6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser 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 Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License or any later version applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

## ICU License

ICU License - ICU 1.8.1 and later

### COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2010 International Business Machines Corporation and others

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.

## Intalio License

Copyright 1999-2004 (C) Intalio Inc., and others. All Rights Reserved. Redistribution and use of this software and associated documentation (Software), with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain copyright statements and notices. Redistributions must also contain a copy of this document.
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 name ExoLab must not be used to endorse or promote products derived from this Software without prior written permission of Intalio Inc. For written permission, please contact [info@exolab.org](mailto:info@exolab.org).
4. Products derived from this Software may not be called Castor nor may Castor appear in their names without prior written permission of Intalio Inc. Exolab, Castor and Intalio are trademarks of Intalio Inc.
5. Due credit should be given to the ExoLab Project (<http://www.exolab.org/>).

THIS SOFTWARE IS PROVIDED BY INTALIO AND CONTRIBUTORS ``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 INTALIO 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.

## JDOM License

Copyright (C) <year> Jason Hunter & Brett McLaughlin.

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 disclaimer that follows these conditions in the documentation and/or other materials provided with the distribution.
3. The name "JDOM" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact <request\_AT\_jdom\_DOT\_org>.
4. Products derived from this software may not be called "JDOM", nor may "JDOM" appear in their name, without prior written permission from the JDOM Project Management <request\_AT\_jdom\_DOT\_org>.

In addition, we request (but do not require) that you include in the end-user documentation provided with the redistribution and/or in the software itself an acknowledgement equivalent to the following:

"This product includes software developed by the  
JDOM Project (<http://www.jdom.org/>)."

Alternatively, the acknowledgment may be graphical using the logos available at <http://www.jdom.org/images/logos>.

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 JDOM AUTHORS OR THE PROJECT 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 JDOM Project and was originally created by Jason Hunter <jhunter\_AT\_jdom\_DOT\_org> and Brett McLaughlin <brett\_AT\_jdom\_DOT\_org>. For more information on the JDOM Project, please see <<http://www.jdom.org/>>.

## **Legion Of The Bouncy Castle License**

### License

Copyright (c) 2000 - 2011 The Legion Of The Bouncy Castle (<http://www.bouncycastle.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 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.

## Microsoft Software License Terms SDK for Windows 10

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT WINDOWS SOFTWARE DEVELOPMENT KIT (SDK) FOR WINDOWS 10

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) 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 Microsoft updates, 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.

As described below, using some features also operates as your consent to the transmission of certain standard computer information for Internet-based services.

---

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

### 1. INSTALLATION AND USE RIGHTS.

- a. You may install and use any number of copies of the software on your devices to design, develop and test your programs that run on a Microsoft operating system. Further, you may install, use and/or deploy via a network management system or as part of a desktop image, any number of copies of the software on computer devices within your internal corporate network to design, develop and test your programs that run on a Microsoft operating system. Each copy must be complete, including all copyright and trademark notices. You must require end users to agree to terms that protect the software as much as these license terms.
- b. Utilities. The software contains certain components that are identified in the Utilities List located at <http://go.microsoft.com/fwlink/?LinkId=524839>. Depending on the specific edition of the software, the number of Utility files you receive with the software may not be equal to the number of Utilities listed in the Utilities List. Except as otherwise provided on the Utilities List for specific files, you may copy and install the Utilities you receive with the software on to other third party machines. These Utilities may only be used to debug and deploy your programs and databases you have developed with the software. You must delete all the Utilities installed onto a third party machine within the earlier of (i) when you have finished debugging or deploying your programs; or (ii) thirty (30) days after installation of the Utilities onto that machine. We may add additional files to this list from time to time.
- c. Build Services and Enterprise Build Servers. You may install and use any number of copies of the software onto your build machines or servers, solely for the purpose of:
  - i. Compiling, building, verifying and archiving your programs;
  - ii. Creating and configuring build systems internal to your organization to support your internal build environment; or
  - iii. Enabling a service for third parties to design, develop and test programs or services that run on a Microsoft operating system.
- d. Included Microsoft Programs. The software contains other Microsoft programs. The license terms with those programs apply to your use of them.
- e. Third Party Notices. The software may include third party code that Microsoft, not the third party, licenses to you under this agreement. Notices, if any, for the third party code are included for your information only. Notices, if any, for this third party code are included with the software and may be located at <http://aka.ms/thirdpartynotices>.

### 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 test 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 plus the files listed on the REDIST.TXT list located at <http://go.microsoft.com/fwlink/?LinkId=524842>. Depending on the specific edition of the software, the number of REDIST files you receive with the software may not be equal to the number of REDIST files listed in the REDIST.TXT List. We may add additional files to the list from time to time.

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;  
For any Distributable Code having a filename extension of .lib, distribute only the results of running such Distributable Code through a linker with your program;  
Distribute Distributable Code included in a setup program only as part of that setup program without modification;  
Require distributors and external end users to agree to terms that protect it at least as much as this agreement;  
For Distributable Code from the Windows Performance Toolkit portions of the software, distribute the unmodified software package as a whole with your programs, with the exception of the KernelTraceControl.dll and the WindowsPerformanceRecorderControl.dll which can be distributed with your programs;  
Display your valid copyright notice on your programs; and  
Indemnify, defend, and hold harmless Microsoft 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 Microsofts trademarks in your programs names or in a way that suggests your programs come from or are endorsed by Microsoft;  
Distribute partial copies of the Windows Performance Toolkit portion of the software package with the exception of the KernelTraceControl.dll and the WindowsPerformanceRecorderControl.dll which can be distributed with your programs;
- Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Distribute Distributable Code to run on a platform other than the Microsoft operating system platform;

Include Distributable Code in malicious, deceptive or unlawful programs; or

Modified or distribute the source code of any Distributable Code so that any part of it becomes subject to an Excluded License. And Excluded License is on 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.

b. Additional Licensing Requirements and/or Distribution Rights for Features made Available with the Software.

i. Windows App Requirements. If you intend to make your program available in the Windows Store, the program must comply with the Certification Requirements as defined and described in the App Developer Agreement, currently available at: <https://msdn.microsoft.com/en-us/library/windows/apps/hh694058.aspx>.

ii. Bing Maps. The software may include features that retrieve content such as maps, images and other data through the Bing Maps (or successor branded) application programming interface (the Bing Maps API) to create reports displaying data on top of maps, aerial and hybrid imagery. If these features are included, you may use these features to create and view dynamic or static documents only in conjunction with and through methods and means of access integrated in the software. You may not otherwise copy, store, archive, or create a database of the entity information including business names, addresses and geocodes available through the Bing Maps API. You may not use the Bing Maps API to provide sensor based guidance/routing, nor use any Road Traffic Data or Birds Eye Imager (or associated metadata) even if available through the Bing Maps API for any purpose. Your use of the Bing Maps API and associated content is also subject to the additional terms and conditions at <http://go.microsoft.com/fwlink/?LinkId=21969>.

iii. Additional Mapping APIs. The software may include application programming interfaces that provide maps and other related mapping features and services that are not provided by Bing (the Additional Mapping APIs). These Additional Mapping APIs are subject to additional terms and conditions and may require payment of fees to Microsoft and/or third party providers based on the use or volume of use of such Additional Mapping APIs. These terms and conditions will be provided when you obtain any necessary license keys to use such Additional Mapping APIs or when you review or receive documentation related to the use of such Additional Mapping APIs.

iv. Push Notifications. The Microsoft Push Notification Service may not be used to send notifications that are mission critical or otherwise could affect matters of life or death, including without limitation critical notifications related to a medical device or condition. MICROSOFT EXPRESSLY DISCLAIMS ANY WARRANTIES THAT THE USE OF THE MICROSOFT PUSH NOTIFICATION SERVICE OR DELIVERY OF MICROSOFT PUSH NOTIFICATION SERVICE NOTIFICATIONS WILL BE UNINTERRUPTED, ERROR FREE, OR OTHERWISE GUARANTEED TO OCCUR ON A REAL-TIME BASIS.

v. Speech namespace API. Using speech recognition functionality via the Speech namespace APIs in a program requires the support of a speech recognition service. The service may require network connectivity at the time of recognition (e.g., when using a predefined grammar). In addition, the service may also collect speech-related data in order to provide and improve the service. The speech-related data may include, for example, information related to grammar size and string phrases in a grammar.

Also, in order for a user to use speech recognition on the phone they must first accept certain terms of use. The terms of use notify the user that data related to their use of the speech recognition service will be collected and used to provide and improve the service. If a user does not accept the terms of use and speech recognition is attempted by the application, the operation will not work and an error will be returned to the application.

vi. API Use. We may monitor and collect data related to a programs use of APIs in order to provide, improve and personalize Microsoft products and services. End user information collected by Microsofts monitoring and data collection related to your programs use of APIs is subject to the Microsoft Consumer Privacy Statement.

vii. Location Framework. The software may contain a location framework component or APIs that enable support of location services in programs. In addition to the other limitations in this agreement, you must comply with all applicable local laws and regulations when using the location framework component, APIs or the rest of the software.

viii. Device ID Access. The software may contain a component or APIs that enable programs to access the device ID of the device that is running the program. In addition to the other limitations in this agreement, you must comply with all applicable local laws and regulations when using the device ID access component, APIs or the rest of the software.

ix. PlayReady Support. The software may include the Windows Emulator, which contains Microsofts PlayReady content access technology. Content owners use Microsoft PlayReady content access technology to protect their intellectual property, including copyrighted content. This software uses PlayReady technology to access PlayReady-protected content and/or WMDRM-protected content. Microsoft may decide to revoke the softwares ability to consume PlayReady-protected content for reasons including but not limited to (i) if a breach or potential breach of PlayReady technology occurs, (ii) proactive robustness enhancement, and (iii) if Content owners require the revocation because the software fails to properly enforce restrictions on content usage. Revocation should not affect unprotected content or content protected by other content access technologies. Content owners may require you to upgrade PlayReady to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade and may not be able to install other operating system updates or upgrades.

x. Package Managers. The software may include package managers, like NuGet, that give you the option to download other Microsoft and third party software packages to use with your application. Those packages are under their own licenses, and not this agreement. Microsoft does not distribute, license or provide any warranties for any of the third party packages.

xi. Font Components. While the software is running, you may use its fonts to display and print content. You may only embed fonts in content as permitted by the embedding restrictions in the fonts; and temporarily download them to a printer or other output device to help print content.

xii. Notice about the H.264/AVD Visual Standard, and the VC-1 Video Standard. This software may include H.264/MPEG-4 AVC and/or VD-1 decoding technology. MPEG LA, L.L.C. requires this notice:

THIS PRODUCT IS LICENSED UNDER THE AVC AND THE VC-1 PATENT PORTFOLIO LICENSES FOR THE PERSONAL AND NON-COMMERCIAL USE OF A CONSUMER TO (i) ENCODE VIDEO IN COMPLIANCE WITH THE ABOVE STANDARDS (VIDEO STANDARDS) AND/OR (ii) DECODE AVC, AND VC-1 VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL AND NON-COMMERCIAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED TO PROVIDE SUCH VIDEO. NONE OF THE LICENSES EXTEND TO ANY OTHER PRODUCT REGARDLESS OF WHETHER SUCH PRODUCT IS INCLUDED WITH THIS SOFTWARE IN A SINGLE ARTICLE.

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE. ADDITIONAL INFORMATION MAY BE OBTAINED FROM MPEG LA, L.L.C. SEE [WWW.MPEGLA.COM](http://WWW.MPEGLA.COM).

For clarification purposes, this notice does not limit or inhibit the use of the software for normal business uses that are personal to that business which do not include (i) redistribution of the software to third parties, or (ii) creation of content with the VIDEO STANDARDS compliant technologies for distribution to third parties.

**3. INTERNET-BASED SERVICES.** Microsoft provides Internet-based services with the software. It may change or cancel them at any time.

**a. Consent for Internet-Based Services.** The software features described below and in the privacy statement at

<http://go.microsoft.com/fwlink/?LinkId=521839> connect to Microsoft or service provider computer systems over the Internet. In some cases, you will not receive a separate notice when they connect. In some cases, you may switch off these features or not use them. By using these features, you consent to the transmission of this information. Microsoft does not use the information to identify or contact you.

**i. Computer Information.** The following features use Internet protocols, which send to the appropriate systems computer information, such as your Internet protocol address, the type of operating system, browser, and name and version of the software you are using, and the language code of the device where you installed the software. Microsoft uses this information to make the Internet-based services available to you.

**Customer Experience Improvement Program (CEIP).** This software uses CEIP. CEIP automatically sends Microsoft information about your hardware and how you use the software. We do not use this information to identify or contact you. CEIP will also periodically download a small file to your computer. This file helps us collect information about problems that you have while using the software. When available, new help information about the errors might also be automatically downloaded. To learn more about CEIP and how to turn it off, see

<http://go.microsoft.com/fwlink/?LinkId=525878>.

**Digital Certificates.** The software uses digital certificates. These digital certificates confirm the identity of Internet users sending X.509 standard encryption information. They also can be used to digitally sign files and macros to verify the integrity and origin of the file contents. The software retrieves certificates and updates certificate revocation lists using the Internet, when available.

**Error Reports.** This software automatically sends error reports to Microsoft. These reports include information about problems that occur in the software. Sometimes reports contain information about other programs that interact with the software. Reports might unintentionally contain personal information. For example, a report that contains a snapshot of computer memory might include your name. Part of a document you were working on could be included as well. Microsoft does not use this information to identify or contact you. To learn more about error reports, see <http://oca.microsoft.com/en/dcp20.asp>.

**Windows Application Certification Kit.** To ensure you have the latest certification tests, when launched this software periodically checks a Windows Application Certification Kit file on [download.microsoft.com](http://download.microsoft.com) to see if an update is available. If an update is found, you are prompted and provided a link to a web site where you can download the update. You may use the Windows Application Certification Kit solely to test your programs before you submit them for a potential Microsoft Windows Certification and for inclusion on the Microsoft Windows Store. The results you receive are for informational purposes only. Microsoft has no obligation to either (i) provide you with a Windows Certification for your programs and/or (ii) include your program in the Microsoft Windows Store.

**Microsoft Digital Rights Management for Silverlight.**

If you use Silverlight to access content that has been protected with Microsoft Digital Rights Management (DRM), in order to let you play the content, the software may automatically

request media usage rights from a rights server on the Internet and  
download and install available DRM Updates.

For more information about this feature, including instructions for turning the Automatic Updates off, go to

<http://go.microsoft.com/fwlink/?LinkId=147032>.

**Web Content Features.** Features in the software can retrieve related content from Microsoft and provide it to you. To provide the content, these features send to Microsoft the type of operating system, name and version of the software you are using, type of browser and language code of the device where you installed the software. Examples of these features are clip art, templates, online training, online assistance, help and Appshelp. You may choose not to use these web content features.

**ii. Use of Information.** We may use the computer information, error reports, and CEIP information, to improve our software and services. We may also share it with others, such as hardware and software vendors. They may use the information to improve how their products run with Microsoft software.

**iii. Misuse of Internet-based Services.** You may not use these services in any way that could harm them or impair anyone else's use of them. You may not use the services to try to gain unauthorized access to any service, data, account or network by any means.

**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. SCOPE OF LICENSE.** The software is licensed, not sold. This agreement only gives you some rights to use the software. Microsoft 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  
Except for the Microsoft .NET Framework, you must obtain Microsoft's prior written approval to disclose to a third party the results of any benchmark test of the software.

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;

transfer the software or this agreement to any third party; or

use the software for commercial software hosting services.

**7. EXPORT RESTRICTIONS.** The software is subject to United States export laws and regulations. You must comply with all domestic and



## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

international export laws and regulations that apply to the software. These laws include restrictions on destinations, end users and end use. For additional information, see [www.microsoft.com/exporting](http://www.microsoft.com/exporting).

8. SUPPORT SERVICES. Because this software is as is, we may not provide support services for it.

9. 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.

10. APPLICABLE LAW.

a. United States. If you acquired the software in the United States, Washington 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.

11. 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.

12. DISCLAIMER OF WARRANTY. The software is licensed as-is. You bear the risk of using it. Microsoft gives no express warranties, guarantees or conditions. You may have additional consumer rights or statutory guarantees under your local laws which this agreement cannot change. To the extent permitted under your local laws, Microsoft excludes the implied warranties of merchantability, fitness for a particular purpose and non-infringement.

FOR AUSTRALIA You have statutory guarantees under the Australian Consumer Law and nothing in these terms is intended to affect those rights.

13. LIMITATION ON AND EXCLUSION OF REMEDIES AND DAMAGES. You can recover from Microsoft 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 Microsoft 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 agreement are provided below in French.

Remarque : Ce logiciel tant distribu au Qubec, Canada, certaines des clauses dans ce contrat sont fournies ci-dessous en franais.

EXONRATION DE GARANTIE. Le logiciel vis par une licence est offert tel quel . Toute utilisation de ce logiciel est votre seule risque et pril.

Microsoft naccorde aucune autre garantie expresse. Vous pouvez bnfcier 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 qualit marchande, dadquation un usage particulier et dabsence de contrefaon sont exclues.

LIMITATION DES DOMMAGES-INTRTS ET EXCLUSION DE RESPONSABILIT POUR LES DOMMAGES. Vous pouvez obtenir de Microsoft et de ses fournisseurs une indemnisation en cas de dommages directs uniquement hauteur de 5,00 \$ US. Vous ne pouvez prtendre aucune indemnisation pour les autres dommages, y compris les dommages spciaux, indirects ou accessoires et pertes de bnfices.

Crete limitation concern:

tout ce qui est reli au logiciel, aux services ou au contenu (y compris le code) figurant sur des sites Internet tiers ou dans des programmes tiers ; et les rclamations au titre de violation de contrat ou de garantie, ou au titre de responsabilit stricte, de ngligence ou dune autre faute dans la limite autorise par la loi en vigueur.

Elle sapplique galement, mme si Microsoft connaissait ou devrait connatre lventualit dun tel dommage. Si votre pays nautorise pas lexclusion ou la limitation de responsabilit pour les dommages indirects, accessoires ou de quelque nature que ce soit, il se peut que la limitation ou lexclusion ci-dessus ne sappliquera pas votre gard.

EFFET JURIDIQUE. Le prsent contrat dcrit certains droits juridiques. Vous pourriez avoir dautres droits prvus par les lois de votre pays. Le prsent contrat ne modifie pas les droits que vous confrent les lois de votre pays si celles-ci ne le permettent pas.

\*\*\*\*\*

EULAID:WIN10SDK.RTM.MAR\_2017\_en-US

\*\*\*\*\*

## MICROSOFT VISUAL C++ REDISTRIBUTABLE FOR VISUAL STUDIO 2015

### MICROSOFT SOFTWARE LICENSE TERMS

#### MICROSOFT VISUAL STUDIO 2015 ADD-ONS, VISUAL STUDIO SHELLS and C++ REDISTRIBUTABLE

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. They apply to the software named above. The terms also apply to any Microsoft services or updates for the software, except to the extent those have different terms. IF YOU COMPLY WITH THESE LICENSE TERMS, YOU HAVE THE RIGHTS BELOW.

##### 1. INSTALLATION AND USE RIGHTS.

- a. You may install and use any number of copies of the software.
- b. Backup copy. You may make one backup copy of the software, for reinstalling the software.

##### 2. TERMS FOR SPECIFIC COMPONENTS.

- a. Utilities. The software may contain some items on the Utilities List at <http://go.microsoft.com/fwlink/?LinkID=523763&clcid=0x409>. You may copy and install those items, if included with the software, on your machines or third party machines, to debug and deploy your applications and databases you develop with the software. Please note that Utilities are designed for temporary use, that Microsoft may not be able to patch or update Utilities separately from the rest of the software, and that some Utilities by their nature may make it possible for others to access machines on which they are installed. As a result, you should delete all Utilities you have installed after you finish debugging or deploying your applications and databases. Microsoft is not responsible for any third party use or access of Utilities you install on any machine.
- b. Microsoft Platforms. The software may include components from Microsoft Windows; Microsoft Windows Server; Microsoft SQL Server; Microsoft Exchange; Microsoft Office; and Microsoft SharePoint. These components are governed by separate agreements and their own product support policies, as described in the license terms found in the installation directory for that component or in the Licenses folder accompanying the software.
- c. Third Party Components. The software may include third party components with separate legal notices or governed by other agreements, as may be described in the ThirdPartyNotices file accompanying the software. Even if such components are governed by other agreements, the disclaimers and the limitations on and exclusions of damages below also apply.

3. DATA. The software may collect information about you and your use of the software, and send that to Microsoft. Microsoft may use this information to provide services and improve our products and services. You may opt-out of many of these scenarios, but not all, as described in the product documentation. There are also some features in the software that may enable you to collect data from users of your applications. If you use these features to enable data collection in your applications, you must comply with applicable law, including providing appropriate notices to users of your applications. You can learn more about data collection and use in the help documentation and the privacy statement at <http://go.microsoft.com/fwlink/?LinkID=528096&clcid=0x409>. Your use of the software operates as your consent to these practices.

4. SCOPE OF LICENSE. The software is licensed, not sold. This agreement only gives you some rights to use the software. Microsoft 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 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;  
remove, minimize, block or modify any notices of Microsoft or its suppliers in the software;  
use the software in any way that is against the law; or  
share, publish or lend the software, or provide the software as a stand-alone hosted as solution for others to use, or transfer the software or this agreement to any third party.

5. EXPORT RESTRICTIONS. Microsoft software, online services, professional services and related technology are subject to U.S. export jurisdiction. You must comply with all applicable international and national laws, including the U.S. Export Administration Regulations, the International Traffic in Arms Regulations, Office of Foreign Assets Control sanctions programs, and end-user, end use and destination restrictions by the U.S. and other governments related to Microsoft products, services and technologies. For additional information, see [www.microsoft.com/exporting](http://www.microsoft.com/exporting) <http://www.microsoft.com/exporting>.

6. SUPPORT SERVICES. Because this software is as is, we may not provide support services for it.

7. 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.

8. APPLICABLE LAW. If you acquired the software in the United States, Washington law applies to interpretation of and claims for breach of this agreement, and the laws of the state where you live apply to all other claims. If you acquired the software in any other country, its laws apply.

9. LEGAL EFFECT. This agreement describes certain legal rights. You may have other rights under the laws of your state or country. This agreement does not change your rights under the laws of your state or country if the laws of your state or country do not permit it to do so. Without limitation of the foregoing, for Australia, YOU HAVE STATUTORY GUARANTEES UNDER THE AUSTRALIAN CONSUMER LAW AND NOTHING IN THESE TERMS IS INTENDED TO AFFECT THOSE RIGHTS

10. DISCLAIMER OF WARRANTY. THE SOFTWARE IS LICENSED AS-IS. YOU BEAR THE RISK OF USING IT. MICROSOFT GIVES NO EXPRESS WARRANTIES, GUARANTEES OR CONDITIONS. TO THE EXTENT PERMITTED UNDER YOUR LOCAL LAWS, MICROSOFT EXCLUDES THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.

11. LIMITATION ON AND EXCLUSION OF DAMAGES. YOU CAN RECOVER FROM MICROSOFT 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 (a) anything related to the software, services, content (including code) on third party Internet sites, or third party applications; and (b) 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 Microsoft 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.



## MICROSOFT VISUAL C++ REDISTRIBUTABLE FOR VISUAL STUDIO 2017

### MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT VISUAL STUDIO ENTERPRISE 2017, VISUAL STUDIO PROFESSIONAL 2017,  
VISUAL STUDIO TEST PROFESSIONAL 2017 AND TRIAL EDITION

These license terms are an agreement between you and Microsoft Corporation (or based on where you live, one of its affiliates). They apply to the software named above. The terms also apply to any Microsoft services and updates for the software, except to the extent those have different terms.

BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS. IF YOU DO NOT ACCEPT THEM, DO NOT USE THE SOFTWARE. INSTEAD, RETURN IT TO THE RETAILER FOR A REFUND OR CREDIT. If you cannot obtain a refund there, contact Microsoft about Microsofts refund policies. See [www.microsoft.com/worldwide](http://www.microsoft.com/worldwide). In the United States and Canada, call (800) MICROSOFT or see [www.microsoft.com/info/nareturns.htm](http://www.microsoft.com/info/nareturns.htm).

**TRIAL EDITION USE RIGHTS.** If the software is a trial edition, this Section applies to your use of the trial edition.

A. **GENERAL.** You may use any number of copies of the trial edition on your devices. You may only use the trial edition for internal evaluation purposes, and only during the trial period. You may not distribute or deploy any applications you make with the trial edition to a production environment. You may run load tests of up to 250 virtual users during the trial period.

B. **TRIAL PERIOD AND CONVERSION.** The trial period lasts for 30 days after you install the trial edition, plus any permitted extension period. After the expiration of the trial period, the trial edition will stop running. You may extend the trial period an additional 90 days if you sign in to the software. You may not be able to access data used with the trial edition when it stops running. You may convert your trial rights at any time to the full-use rights described below by acquiring a valid full-use license.

C. **DISCLAIMER OF WARRANTY.** THE TRIAL EDITION IS LICENSED AS-IS. YOU BEAR THE RISK OF USING IT. MICROSOFT GIVES NO EXPRESS WARRANTIES, GUARANTEES OR CONDITIONS. TO THE EXTENT PERMITTED UNDER YOUR LOCAL LAWS, MICROSOFT EXCLUDES THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. FOR AUSTRALIA YOU HAVE STATUTORY GUARANTEES UNDER THE AUSTRALIAN CONSUMER LAW AND NOTHING IN THESE TERMS IS INTENDED TO AFFECT THOSE RIGHTS.

E. **SUPPORT.** Because the trial edition is as is, we may not provide support services for it.

F. **LIMITATIONS ON DAMAGES.** YOU CAN RECOVER FROM MICROSOFT 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 (a) anything related to the trial version, services, content (including code) on third party Internet sites, or third party programs; and (b) 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 Microsoft 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.

**FULL-USE LICENSE TERMS FOR THE SOFTWARE:** When you acquire a valid license and either enter a product key or sign in to the software, the terms below apply. You may not share your product key or access credentials.

#### 1. OVERVIEW.

a. **Software.** The software includes development tools, applications and documentation.

b. **License Model.** The software is licensed on a per user basis.

#### 2. USE RIGHTS.

a. **General.** One user may use copies of the software on your devices to develop and test applications. This includes using copies of the software on your own internal servers that remain fully dedicated to your own use. You may not, however, separate the components of the software and run those in a production environment, or on third party devices (except as otherwise stated in this agreement), or for any purpose other than developing and testing your applications. Running the software on Microsoft Azure requires a separate license.

b. **Workloads.** These license terms apply to your use of the Workloads made available to you within the software, except to the extent a Workload or a Workload component comes with different terms.

c. **Demo Use.** The use permitted above includes use of the software in demonstrating your applications.

d. **Backup copy.** You may make one backup copy of the software, for reinstalling the software.

#### 3. TERMS FOR SPECIFIC COMPONENTS.

a. **Utilities.** The software contains items on the Utilities List at <https://go.microsoft.com/fwlink/?linkid=823097>. You may copy and install those items, if included with the software, onto your devices to debug and deploy your applications and databases you developed with the software. Please note that Utilities are designed for temporary use, that Microsoft may not be able to patch or update Utilities separately from the rest of the software, and that some Utilities by their nature may make it possible for others to access the devices on which they are installed. As a result, you should delete all Utilities you have installed after you finish debugging or deploying your applications and databases. Microsoft is not responsible for any third party use or access of Utilities you install on any device.

b. **Build Server.** The software contains files on the Build Server List at <https://go.microsoft.com/fwlink/?linkid=823097>. You may copy and install those Build Server files, if included in the software, onto your build devices. You and others in your organization may use these files on your build devices solely to compiling, building and verifying your applications or running quality or performance tests as part of the build process.

c. **Font Components.** While the software is running, you may use its fonts to display and print content. You may only: (i) embed fonts in content as permitted by the embedding restrictions in the fonts; and (ii) temporarily download them to a printer or other output device to help print content.

d. **Licenses for Other Components.**

**Microsoft Platforms.** The software may include components from Microsoft Windows; Microsoft Windows Server; Microsoft SQL Server; Microsoft Exchange; Microsoft Office; and Microsoft SharePoint. These components are governed by separate agreements and their own product support

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

policies, as described in the Microsoft Licenses folder accompanying the software, except that, if separate license terms for those components are included in the associated installation directly, those license terms control.

**Developer resources.** The software includes compilers, languages, runtimes, environments, and other resources. These components may be governed by separate agreements and have their own product support policies. A list of these other components is located at <https://support.microsoft.com>.

**Third Party Components.** The software may include third party components with separate legal notices or governed by other agreements, as may be described in the ThirdPartyNotices file(s) accompanying the software. Even if such components are governed by other agreements, the disclaimers and the limitations on damages below also apply.

The software may also include components licensed under open source licenses with source code availability obligations. Copies of those licenses, if applicable, are included in the ThirdPartyNotices file(s). You may obtain this source code from us, if and as required under the relevant open source licenses, as set forth in the ThirdPartyNotices file(s). You may also find a copy of the source code available at <https://thirdpartysource.microsoft.com/>.

**e. PACKAGE MANAGERS.** The software includes package managers, like NuGet, that give you the option to download other Microsoft and third party software packages to use with your application. Those packages are under their own licenses, and not this agreement. Microsoft does not distribute, license or provide any warranties for any of the third party packages.

**4. DISTRIBUTABLE CODE.** The software contains code that you are permitted to distribute in applications you develop as described in this Section. (For this Section the term distribution also means deployment of your applications for third parties to access over the Internet.)

**a. 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 on the REDIST list located at <https://go.microsoft.com/fwlink/?linkid=823097>.

**Sample Code, Templates and Styles.** You may copy, modify and distribute the source and object code form of code marked as sample, template, simple styles and sketch styles.

**Image Library.** You may copy and distribute images, graphics and animations in the Image Library as described in the software documentation.

**Third Party Distribution.** You may permit distributors of your applications to copy and distribute the Distributable Code as part of those applications.

**b. Distribution Requirements.** For any Distributable Code you distribute, you must:

add significant primary functionality to it in your applications;

require distributors and external end users to agree to terms that protect the Distributable Code at least as much as this agreement; and indemnify, defend, and hold harmless Microsoft from any claims, including attorneys fees, related to the distribution or use of your applications, except to the extent that any claim is based solely on the Distributable Code.

**c. Distribution Restrictions.** You may not:

use Microsofts trademarks in your applications names or in a way that suggests your applications come from or are endorsed by Microsoft; 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 of code, that (i) it be disclosed or distributed in source code form; or (ii) others have the right to modify it.

**5. DATA.** The software may collect information about you and your use of the software, and send that to Microsoft. Microsoft may use this information to provide services and improve our products and services. You may opt-out of many of these scenarios, but not all, as described in the product documentation. There are also some features in the software that may enable you and Microsoft to collect data from users of your applications. If you use these features, you must comply with applicable law, including providing appropriate notices to users of your applications together with Microsofts privacy statement. Our privacy statement is located at <https://go.microsoft.com/fwlink/?LinkID=824704>. You can learn more about data collection and use in the help documentation and our privacy statement. Your use of the software operates as your consent to these practices.

**6. SCOPE OF LICENSE.** The software is licensed, not sold. This agreement only gives you some rights to use the software. Microsoft 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 work around any technical limitations in the software;

reverse engineer, decompile or disassemble the software, or otherwise attempt to derive the source code for the software, except and to the extent required by third party licensing terms governing use of certain open source components that may be included in the software;

remove, minimize, block or modify any notices of Microsoft or its suppliers in the software;

use the software in any way that is against the law;

share, publish, rent or lease the software, or provide the software as a stand-alone offering for others to use.

**7. DOCUMENTATION.** Any person that has valid access to your computer or internal network may copy and use the documentation for your internal, reference purposes.

**8. NOT FOR RESALE SOFTWARE.** You may not sell software marked as NFR or Not for Resale.

**9. RIGHTS TO USE OTHER VERSIONS AND LOWER EDITIONS.** You may use the software and any prior version on any device. You may create, store, install, run, or access in place of the version licensed, a copy or instance of a prior version, different permitted language version, or lower edition.

**10. PROOF OF LICENSE.** If you acquired the software on a disc or other media, your proof of license is the Microsoft certificate of authenticity label, the accompanying product key, and your receipt. If you purchased an online copy of the software, your proof of license is the Microsoft product key you received with your purchase and your receipt and/or being able to access the software service through your Microsoft account. To identify genuine Microsoft software, see [www.howtotell.com](http://www.howtotell.com).

**11. TRANSFER TO A THIRD PARTY.** If you are a valid licensee of the software, you may transfer it and this agreement directly to another party.

Before the transfer, that party must agree that this agreement applies to the transfer and use of the software. The transfer must include the software, genuine Microsoft product key, and (if applicable) the Proof of License label. The transferor must uninstall all copies of the software after transferring it from the device. The transferor may not retain any copies of the genuine Microsoft product key to be transferred, and may only retain copies of the

software if otherwise licensed to do so. If you have acquired a non-perpetual license to use the software or if the software is marked Not for Resale you may not transfer the software or the software license agreement to another party.

12. **EXPORT RESTRICTIONS.** You must comply with all domestic and international export laws and regulations that apply to the software, which include restrictions on destinations, end users, and end use. For further information on export restrictions, visit [www.microsoft.com/exporting](http://www.microsoft.com/exporting).

13. **SUPPORT.** Microsoft provides support for the software as described at <https://support.microsoft.com>.

14. **ENTIRE AGREEMENT.** This agreement (including the warranty below), and the terms for supplements, updates, Internet-based services and support services, are the entire agreement for the software and support services.

15. **APPLICABLE LAW.** If you acquired the software in the United States, Washington State law applies to interpretation of and claims for breach of this agreement, and the laws of the state where you live apply to all other claims. If you acquire the software in any other country, its laws apply.

16. **CONSUMER RIGHTS; REGIONAL VARIATIONS.** This agreement describes certain legal rights. You may have other rights, including consumer rights, under the laws of your state or country. Separate and apart from your relationship with Microsoft, you may also have rights with respect to the party from which you acquired the software. This agreement does not change those other rights if the laws of your state or country do not permit it to do so. For example, if you acquired the software in one of the below regions, or if mandatory country law applies, then the following provisions apply to you:

a) **Australia.** References to Limited Warranty mean the express warranty provided by Microsoft or the manufacturer or installer. This warranty is in addition to other rights and remedies you may have under law, including your rights and remedies under the statutory guarantees in the Australian Consumer Law.

In this section, goods refers to the software for which Microsoft or the manufacturer or installer provides the express warranty. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

b) **Canada.** If you acquired this software in Canada, you may stop receiving updates by turning off the automatic update feature, disconnecting your device from the Internet (if and when you re-connect to the Internet, however, the software will resume checking for and installing updates), or uninstalling the software. The product documentation, if any, may also specify how to turn off updates for your specific device or software.

c) **Germany and Austria.**

(i) **Warranty.** The properly licensed software will perform substantially as described in any Microsoft materials that accompany it. However, Microsoft gives no contractual guarantee in relation to the software.

(ii) **Limitation of Liability.** In case of intentional conduct, gross negligence, claims based on the Product Liability Act, and death or personal or physical injury, Microsoft is liable according to the statutory law.

Subject to the foregoing clause (ii), Microsoft will only be liable for slight negligence if Microsoft is in breach of such material contractual obligations, the fulfillment of which facilitate the due performance of this agreement, the breach of which would endanger the purpose of this agreement and the compliance with which a party may constantly trust in (so-called "cardinal obligations"). In other cases of slight negligence, Microsoft will not be liable for slight negligence.

17. **LIMITATION ON AND EXCLUSION OF DAMAGES.** YOU CAN RECOVER FROM MICROSOFT AND ITS SUPPLIERS ONLY DIRECT DAMAGES UP TO THE AMOUNT YOU PAID FOR THE SOFTWARE. YOU CANNOT RECOVER ANY OTHER DAMAGES, INCLUDING CONSEQUENTIAL, LOST PROFITS, SPECIAL, INDIRECT OR INCIDENTAL DAMAGES.

This limitation applies to (a) anything related to the software, services, content (including code) on third party Internet sites, or third party applications; and (b) 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 Microsoft knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your state or country may not allow the exclusion or limitation of incidental, consequential or other damages.

\*\*\*\*\*

### LIMITED WARRANTY

A. **LIMITED WARRANTY.** If you follow the instructions, the software will perform substantially as described in the Microsoft materials that you receive in or with the software.

References to limited warranty are references to the express warranty provided by Microsoft. This warranty is given in addition to other rights and remedies you may have under law, including your rights and remedies in accordance with the statutory guarantees under local Consumer Law.

B. **TERM OF WARRANTY; WARRANTY RECIPIENT; LENGTH OF ANY IMPLIED WARRANTIES.** THE LIMITED WARRANTY COVERS THE SOFTWARE FOR ONE YEAR AFTER ACQUIRED BY THE FIRST USER. IF YOU RECEIVE SUPPLEMENTS, UPDATES, OR REPLACEMENT SOFTWARE DURING THAT YEAR, THEY WILL BE COVERED FOR THE REMAINDER OF THE WARRANTY OR 30 DAYS, WHICHEVER IS LONGER. If the first user transfers the software, the remainder of the warranty will apply to the recipient.

TO THE EXTENT PERMITTED BY LAW, ANY IMPLIED WARRANTIES, GUARANTEES OR CONDITIONS LAST ONLY DURING THE TERM OF THE LIMITED WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so these limitations may not apply to you. They also might not apply to you because some countries may not allow limitations on how long an implied warranty, guarantee or condition lasts.

C. **EXCLUSIONS FROM WARRANTY.** This warranty does not cover problems caused by your acts (or failures to act), the acts of others, or events beyond Microsofts reasonable control.

D. **REMEDY FOR BREACH OF WARRANTY.** MICROSOFT WILL REPAIR OR REPLACE THE SOFTWARE AT NO CHARGE. IF MICROSOFT CANNOT REPAIR OR REPLACE IT, MICROSOFT WILL REFUND THE AMOUNT SHOWN ON YOUR RECEIPT FOR THE SOFTWARE. IT WILL ALSO REPAIR OR REPLACE SUPPLEMENTS, UPDATES AND REPLACEMENT SOFTWARE AT NO CHARGE. IF MICROSOFT CANNOT REPAIR OR REPLACE THEM, IT WILL REFUND THE AMOUNT YOU PAID FOR THEM, IF ANY. YOU MUST UNINSTALL THE SOFTWARE AND RETURN ANY MEDIA AND OTHER ASSOCIATED MATERIALS TO MICROSOFT WITH PROOF OF PURCHASE TO OBTAIN A REFUND. THESE ARE YOUR ONLY REMEDIES FOR BREACH OF THE LIMITED WARRANTY.

E. **CONSUMER RIGHTS NOT AFFECTED.** YOU MAY HAVE ADDITIONAL CONSUMER RIGHTS UNDER YOUR LOCAL LAWS, WHICH THIS

AGREEMENT CANNOT CHANGE.

F. WARRANTY PROCEDURES. You need proof of purchase for warranty service.

1. United States and Canada. For warranty service or information about how to obtain a refund for software acquired in the United States and Canada, contact Microsoft at:

(800) MICROSOFT;

Microsoft Customer Service and Support, One Microsoft Way, Redmond, WA 98052-6399; or

visit ([aka.ms/nareturns](https://aka.ms/nareturns)).

2. Europe, Middle East, and Africa. If you acquired the software in Europe, the Middle East, or Africa, Microsoft Ireland Operations Limited makes this limited warranty. To make a claim under this warranty, you should contact either:

Microsoft Ireland Operations Limited, Customer Care Centre, Atrium Building Block B, Carmanhall Road, Sandyford Industrial Estate, Dublin 18, Ireland; or

the Microsoft affiliate serving your country (see [aka.ms/msoffices](https://aka.ms/msoffices)).

3. Australia. For Warranty Services and to claim expenses in relation to the warranty (if applicable) for software acquired in Australia, contact Microsoft at:

13 20 58; or

Microsoft Pty Ltd, 1 Epping Road, North Ryde NSW 2113, Australia.

4. Outside the United States, Canada, Europe, Middle East, Africa, and Australia. If you acquired the software outside the United States, Canada, Europe, the Middle East, Africa, and Australia, contact the Microsoft affiliate serving your country (see [aka.ms/msoffices](https://aka.ms/msoffices)).

G. NO OTHER WARRANTIES. THE LIMITED WARRANTY IS THE ONLY DIRECT WARRANTY FROM MICROSOFT. MICROSOFT GIVES NO OTHER EXPRESS WARRANTIES, GUARANTEES OR CONDITIONS. WHERE ALLOWED BY YOUR LOCAL LAWS, MICROSOFT EXCLUDES IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. If your local laws give you any implied warranties, guarantees or conditions, despite this exclusion, your remedies are described in the Remedy for Breach of Warranty clause above, to the extent permitted by your local laws.

FOR AUSTRALIA ONLY. References to Limited Warranty are references to the warranty provided by Microsoft. This warranty is given in addition to other rights and remedies you may have under law, including your rights and remedies in accordance with the statutory guarantees under the Australian Consumer Law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Goods presented for repair may be replaced by refurbished goods of the same type rather than being replaced. Refurbished parts may be used to repair the goods.

H. LIMITATION ON AND EXCLUSION OF DAMAGES FOR BREACH OF WARRANTY. THE LIMITATION ON AND EXCLUSION OF DAMAGES CLAUSE ABOVE APPLIES TO BREACHES OF THIS LIMITED WARRANTY.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM COUNTRY TO COUNTRY.

EULA ID: VS2017\_ENT\_PRO\_TRIAL\_RTW\_ENU

## **MIT License (also X11)**

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.



**Mozilla Public License 2.0 (as successor of NPL and MPL 1.0 - 1.1)**

As stipulated in clause 6.2 of the Netscape Public License 1.0/1.1 and Mozilla Public License 1.0/1.1, Software AG has chosen to distribute this component under a subsequent version of these licenses, the Mozilla Public License 2.0. See also <https://www.mozilla.org/en-US/MPL/2.0/Revision-FAQ/> "As part of the creation of the Mozilla Foundation, Netscape assigned the ability to publish new licenses to Mozilla, making the Mozilla Foundation Netscape's successor for this purpose."

**Mozilla Public License Version 2.0**

**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 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. "Larger 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;
- 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.

## Mozilla Public License 2.0

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

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. "Larger 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, Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

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 <http://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.

**Netlib fp License**

Permission to use, copy, modify, and distribute this software for any purpose without fee is hereby granted, provided that this entire notice is included in all copies of any software which is or includes a copy or modification of this software and in all copies of the supporting documentation for such software.

**Netlib Freely Distributable LIBM License**

Permission to use, copy, modify, and distribute this software is freely granted, provided that this notice is preserved.



## OpenLDAP Public License v2.8

The OpenLDAP Public License

Version 2.8, 17 August 2003

Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:

1. Redistributions in source form must retain copyright statements and notices,
2. Redistributions in binary form must reproduce applicable copyright statements and notices, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution, and
3. Redistributions must contain a verbatim copy of this document.

The OpenLDAP Foundation may revise this license from time to time. Each revision is distinguished by a version number. You may use this Software under terms of this license revision or under the terms of any subsequent revision of the license.

THIS SOFTWARE IS PROVIDED BY THE OPENLDAP FOUNDATION AND ITS CONTRIBUTORS ``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 OPENLDAP FOUNDATION, ITS CONTRIBUTORS, OR THE AUTHOR(S) OR OWNER(S) OF THE SOFTWARE 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.

The names of the authors and copyright holders must not be used in advertising or otherwise to promote the sale, use or other dealing in this Software without specific, written prior permission. Title to copyright in this Software shall at all times remain with copyright holders.

OpenLDAP is a registered trademark of the OpenLDAP Foundation.

Copyright 1999-2003 The OpenLDAP Foundation, Redwood City, California, USA. All Rights Reserved. Permission to copy and distribute verbatim copies of this document is granted.

## OpenSSL License

OpenSSL License

=====  
Copyright (c) 1998-2008 The OpenSSL Project. 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. All advertising materials mentioning features or use of this software must display the following acknowledgment:  
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [openssl-core@openssl.org](mailto:openssl-core@openssl.org).
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment:  
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``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 OpenSSL PROJECT 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 product includes cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)). This product includes software written by Tim Hudson ([tjh@cryptsoft.com](mailto:tjh@cryptsoft.com)).

## Original SSLeay License

-----

Copyright (C) 1995-1998 Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com))  
All rights reserved.

This package is an SSL implementation written  
by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).  
Copyright (c) 2021 Software AG, Darmstadt, Germany

The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as the following conditions are adhered to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in the code are not to be removed.

If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used.

This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package.

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 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. All advertising materials mentioning features or use of this software must display the following acknowledgement:  
"This product includes cryptographic software written by  
Eric Young (eay@cryptsoft.com)"  
The word "cryptographic" can be left out if the routines from the library being used are not cryptographic related :-).  
4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement:  
"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``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 AUTHOR 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.

The licence and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution licence  
[including the GNU Public Licence.]

## **TAC#02032**

Tanuki Software, Inc.

Development Software License Agreement

Version 1.0

License Agreement Number: TSILA-040033-20080716

Pursuant to this DEVELOPMENT SOFTWARE LICENSE AGREEMENT (the Agreement) dated this 30th day of July, 2008 (the Effective Date), Software AG, 64297 Darmstadt, Uhlandstr 12 ("Licensee") and Tanuki Software Inc., 2-6-6-703 Nishi-Kasai, Edogawa-ku, Tokyo, 134-0088, JAPAN ("TSI") agree to the following terms and conditions:

**IMPORTANT-READ CAREFULLY:** This Agreement is a legal agreement between Licensee and TSI, which includes computer software, associated media, printed materials, and may include online or electronic documentation (Software). PLEASE READ THIS AGREEMENT CAREFULLY BEFORE LICENSEE INSTALLS, COPIES, DOWNLOADS OR USES THE SOFTWARE ACCOMPANYING THIS PACKAGE.

### Section 1 - Grant of License

Effective upon the payment of the license fees presented in Exhibit 1, TSI grants to Licensee a non-exclusive, non-transferable, worldwide right and license to use, reproduce or display and sell, lease or otherwise distribute or transfer copies, directly or indirectly, of the Software Program and documentation, in executable code form only, as parts of Licensee Products, for the purposes of marketing such Products to Licensee customers and for internal development of Products during the term of this Agreement. Licensee may not, under any circumstances, distribute or resell the Software as a stand-alone product, nor use the Software to construct any product to directly compete with the Software.

### Section 2 - Definitions

2.1. "Software Program" shall mean the computer software and license file provided by TSI under this Agreement, including all new releases, corrections, enhancements and updates to such computer software, which TSI makes generally available and which Licensee receive pursuant to Licensee subscription to TSI's Maintenance Services as described herein. Some specific features or platforms may not be enabled if they do not fall under the feature set(s) covered by the specific license fees paid.

2.2. "Product" shall mean the computer programs, that are provided by Licensee to Licensee customers or potential customers, and that contain both the Software Program as a component of the Product, and a component or components (other than the Software Program) that provide the material functionality of the Product. If the Product is released in source form, the Software Program or any of its components may only be included in executable form.

### Section 3 - Licensee Obligations

Licensee shall be solely responsible for all marketing, manufacturing, packaging, documentation production, distribution and customer pricing of the Products. Except as otherwise provided in this Agreement, Licensee shall also assume all responsibility and liability to customers for related support and assistance. Under no circumstances may Licensee modify, decompile or reverse assemble any executable code contained within the Software Program. Licensee agree that Licensee will not, nor will Licensee authorize or license another to, sell, market or license the Software Program, or any portion thereof, as a standalone computer software program, component or software development tool, or as a component or components of a computer software program, the chief marketability and functionality of which is the Software Program. Licensee further agree that Licensee will not publish, present or document the application programming interface (API) of the Software Program except as required for specific use within the Product.

A copy of this license must be distributed in full with the Product in a location that is obvious to Licensee customers. The Software Program may not be modified, nor may the Product in any way obfuscate or obstruct the copyright notice and license information displayed in the console and log files by the Software Program on startup.

### Section 4 - Copyright and Trademark

Licensee acknowledges that all copyrights in the Software Program and the goodwill associated therewith are vested in and belong to TSI.

### Section 5 - Maintenance Services

#### 5.1 Scope and Duration

TSI Maintenance Services (TSIMS) are provided on an annual basis for certain TSI Software. The initial order for TSIMS shall be included in the initial fees paid for the license. After the first year of TSIMS and for the remainder of the Term, Licensee shall automatically receive TSIMS for Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

successive one (1) year periods at the rates for such Maintenance Services. TSI shall provide Licensee with notice of such renewal, via invoice, at least thirty (30) days prior to such renewal date, and Licensee may elect to discontinue TSIMS by written notification delivered to TSI prior to such renewal date.

### 5.2 Maintenance Obligations of the Parties

Licensee agrees to provide first line support for the Product and Software Program to Licensee customers which support will include (i) appropriate number of trained personnel available to provide, in a competent manner, first line support of the Software Program to Licensee customers, (ii) log of all communication between Licensee and Licensee customer, as well as a reproducible test case (wherever possible) and any relevant information for any second line support cases that have been opened by Licensee with TSI.

## Section 6 - Warranty and Limited Liability

**Software Warranty:** TSI warrants that, for a period of ninety (90) days from the initial delivery of the software to Licensee, the Software, if used by Licensee in accordance with the Documentation, shall operate in material conformity with the Documentation for such Software. TSI does not warrant that the Software will meet all of Licensee requirements or that the use of the Software will be uninterrupted or error free. TSI's entire liability, and Licensee exclusive remedy, under this limited Software Warranty shall be for TSI (i) to attempt, through reasonable efforts, to correct any reproducible material nonconformity discovered within the ninety (90) day warranty period; or (ii) to replace the nonconforming Software with Software which conforms to the foregoing warranty. In the event TSI is unable to cure the breach of warranty described in this Section 6, after attempting the remedies described in (i) and (ii) above, Licensee may return the Software and TSI shall refund any license and maintenance fees paid by Licensee to TSI for the Software. The above remedies are available only if TSI is promptly notified in writing, within the warranty period, upon discovery of the nonconformity by Licensee and TSI's examination of the Software discloses that such nonconformity exists, and that the Software has not been (i) altered or modified, other than by TSI, (ii) subjected to negligence, or computer or electrical malfunctions, or (iii) used, adjusted, or installed other than in accordance with the Documentation. **Maintenance Services and Other Services Warranty:** TSI warrants that any Maintenance Services or other Services performed pursuant to the terms of this Agreement shall be performed in a professional and workmanlike manner consistent with generally accepted industry standards. TSI's entire liability and Licensee exclusive remedy under this limited Maintenance Services and Other Services Warranty shall be for Licensee to recover the fees paid for such nonconforming services

**Disclaimer:** THE EXPRESS LIMITED WARRANTIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY WITH RESPECT TO THE SOFTWARE, AND TSI EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

**Limitation of Liability:** EXCEPT FOR CLAIMS MADE UNDER SECTION 7 (INDEMNIFICATION), IN NO EVENT SHALL EITHER PARTY'S LIABILITY ARISING OUT OF THIS AGREEMENT OR THE TERMINATION OF THIS AGREEMENT EXCEED THE AMOUNTS PAID OR DUE TO TSI HEREUNDER. IN NO EVENT SHALL EITHER PARTY HAVE ANY LIABILITY FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, LOSS OF DATA OR COSTS OF PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES, ARISING IN ANY WAY OUT OF THIS AGREEMENT UNDER ANY CAUSE OF ACTION, WHETHER OR NOT THE OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THESE LIMITATIONS SHALL APPLY NOTWITHSTANDING THE FAILURE OF THE ESSENTIAL PURPOSE OF ANY LIMITED REMEDY.

**Warranty Claims:** Any claims made by Licensee for the breach of a warranty set forth in this Section 6, shall be made in writing and delivered in writing to TSI, and Licensee shall provide TSI a reproducible test case, if applicable, demonstrating the breach of warranty.

## Section 7 - Indemnification

TSI warrants that the use or distribution of unaltered Software Program(s), or the exercise of the licenses granted hereunder, will not infringe any copyright or patent, or other intellectual property rights of any third party, and TSI has all rights necessary for the grant of the rights and licenses granted by this Agreement. TSI agrees to indemnify, defend and hold Licensee harmless from any and all actions, causes of action, claims, demands, reasonable costs, liabilities, reasonable expenses (including attorney's fees) and damages (collectively, a "Loss" or "Losses") arising from any claim that the Software Program infringes any copyright or patent, or other intellectual property right of a third party, provided, however:

(1) Licensee shall promptly deliver to TSI notice in writing of any claim for recovery under this section, and, if known, specify in reasonable detail the nature of the Loss and the amount, or an estimate of the amount, of the liability arising therefrom. Licensee shall, at TSI's expense, provide to TSI as promptly as practicable thereafter information and documentation reasonably requested by TSI to support and verify the claim asserted, provided that, in so doing, it may restrict or condition any disclosure in the interest of preserving privileges of importance in any foreseeable litigation.

(2) If the facts pertaining to the Loss arise out of the claim of a third party, or if there is any claim against a third party available by virtue of the circumstances of the Loss, TSI shall assume the defense or the prosecution thereof, including the employment of counsel or accountants, at its cost and expense. Licensee shall have the right to employ counsel separate from counsel employed by TSI in any such action and to participate therein, but the fees and expenses of such counsel employed by Licensee shall be at Licensee expense. TSI shall have the right to determine and adopt (or, in the case of a proposal by Licensee, to approve) a settlement of such matter in its reasonable discretion. TSI shall not be liable for any settlement of any claim effected without its prior written consent, which shall not be unreasonably withheld. Whether or not TSI chooses to so defend or prosecute such claim, Licensee and TSI shall cooperate in the defense or prosecution thereof and shall furnish such records, information

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

and testimony, and attend such conferences, discovery proceedings, hearings, trials and appeals, as may be reasonably requested in connection therewith.

(3) If such a claim arises, or in either party's judgment is likely to arise, Licensee agree to allow TSI, at TSI's option, to either (i) procure the right to permit the continued exercise of the rights and licenses in the Software Program granted under this Agreement; (ii) replace or modify the Software Program so it be-comes non-infringing, while affording equivalent performance; or (iii) as its sole obligation, terminate the license for the infringing Software Program and upon return thereof by Licensee, refund the unearned portion of any license fees paid by Licensee for the remainder of the current term hereof.

(4) TSI shall have no indemnity obligation for claims of infringement resulting from any combination, operation or use of the Software Program, or any components thereof, with any software programs or data not supplied by TSI if such infringement would have been avoided by use of the Software Program alone. Licensee acknowledges and agrees that these four items are the exclusive remedy of Licensee for damages for breach of warranty or representations contained in this Section 7.

### Section 8 - Termination

Should either party commit a material breach of its obligations hereunder, the other party may, at its option, terminate this Agreement by written notice to the party in default. Such notice shall identify and describe the default upon which termination is based. The defaulting party shall have thirty (30) days from the effective delivery of the notice to cure such default, which, if effected, shall prevent termination by virtue of such default. Upon termination of this Agreement, Licensee will either return to TSI or destroy all copies of the Software Program and documentation then in your possession. Licenses to the Software Program granted in the normal course of business by Licensee to your customers shall survive termination of this Agreement. Licensee shall, within thirty (30) days after the date of such termination furnish TSI with a certificate of compliance in accordance with this Section. The parties agree that TSI shall have the right to enforce the obligations arising under this Section by seeking specific performance and to enjoin or compel Licensee through injunctive relief. Licensee may retain a commercially reasonable number of copies of the Software Program and documentation solely for the purpose of supporting Licensee customers.

### Section 9 - Export Controls

Licensee shall comply with, and request of and/or notify Licensee sublicensees and resellers that they comply with, all applicable laws, regulations, rulings and executive orders of Japan relating to the export and re-export of Products containing the Software Program. Licensee shall not directly or indirectly export or re-export any Products containing the Software Program unless Licensee have obtained a license to do so if such a license is required.

### Section 10 - Entire Agreement

This Agreement, including any attachments, constitutes the entire agreement of the parties with respect to the subject matter hereof and supersedes all prior agreements, both oral and written, representations, statements, negotiations and undertakings, with respect to the subject matter hereof, which such agreements, representations, statements, negotiations and undertakings are merged herein. No amendment or modification of this Agreement or any provision or attachment of this Agreement shall be effective unless it is in writing and signed by both parties.

### Section 11 - Governing Law

The validity, construction and performance of this Agreement shall be governed by the substantive laws of Japan (excluding conflicts of law principles). Each party hereto expressly consents to the personal jurisdiction of, and venue in, such courts. If any legal action is undertaken to enforce the terms of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees and costs in addition to any other relief to which that party may be entitled.

### Section 12 - Assignment and Benefit

Without the consent of the other party in writing, neither party may assign this Agreement; provided, however, TSI or Licensee may assign this Agreement to a wholly-owned subsidiary of the respective corporation or a corporation in which the shareholders of the respective corporation own a majority interest of the voting control provided that the assigning party remains obligated hereunder; further provided, however, TSI or Licensee may assign this Agreement to another corporation which acquires or has acquired substantially all of the stock or assets of the assignor so long as, if the assignor is Licensee, the assignee's license to use the Software Program is limited to use in Products which were offered by Licensee to Licensee customers or potential customers and the assignee is prohibited from use of the Software Program in other products or parts of products developed, sold or distributed by the assignee.

This Agreement shall be binding upon and shall inure to the benefit of Licensee and TSI and each party's successors, subject to the other provisions of this Section.

# Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

## Section 13 - 3rd Party Components

(1) The Software Program includes software and documentation components developed in part by Silver Egg Technology, Inc. ("SET") prior to 2001. All SET components were released under the following license.

Copyright (c) 2001 Silver Egg Technology

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, sub-license, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

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

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

[Signature Page Follows]

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their respective duly authorized representatives.

Software AG TSI

By: \_\_\_\_\_ By: \_\_\_\_\_  
Name: \_\_\_\_\_ Name: Leif Mortenson, President  
Date: \_\_\_\_\_ Date: \_\_\_\_\_

## EXHIBIT I

Licensed Software:

Java Service Wrapper version 3.3.0, [Standard/Professional] Edition [32/32, 64] Bit

Licensed Operating System and Hardware Platform:

All platforms

Licensed Software Commercial Restrictions:

None

Licensed Software Use:

Bundle Development / Deployment.

Licensed Software Use Location:

Bundle Development/Deployment Worldwide

Authorized Number of Users:

Unlimited

FEES:

(Licensed Software)

US\$ 2.250 (two thousand two hundred and fifty)

(TSIMS fees, if applicable)

Included in the License Fee for Year 1

(Services)

None

**TAC#02113**

This component has been licensed under a commercial license agreement to Software AG and its affiliates and subsidiaries.



**TAC#1846**

This component has been licensed under a commercial license agreement to Software AG and its affiliates and subsidiaries.

**TAC#TA00144**

This component has been licensed under a commercial license agreement to Software AG and its affiliates and subsidiaries.

## **Technology License from Sun Microsystems, Inc. to Doug Lea**

TECHNOLOGY LICENSE FROM SUN MICROSYSTEMS, INC.

TO DOUG LEA

Whereas Doug Lea desires to utilize certain Java Software technologies in the util.concurrent technology; and

Whereas Sun Microsystems, Inc. (Sun) desires that Doug Lea utilize certain Java Software technologies in the util.concurrent technology;

Therefore the parties agree as follows, effective May 31, 2002:

Java Software technologies means

classes/java/util/ArrayList.java, and

classes/java/util/HashMap.java.

The Java Software technologies are Copyright (c) 1994-2000 Sun Microsystems, Inc. All rights reserved.

Sun hereby grants Doug Lea a non-exclusive, worldwide, non-transferrable license to use, reproduce, create derivative works of, and distribute the Java Software and derivative works thereof in source and binary forms as part of a larger work, and to sublicense the right to use, reproduce and distribute the Java Software and Doug Lea's derivative works as the part of larger works through multiple tiers of sublicensees provided that the following conditions are met:

-Neither the name of or trademarks of Sun may be used to endorse or promote products including or derived from the Java Software technology without specific prior written permission; and

-Redistributions of source or binary code must contain the above copyright notice, this notice and the following disclaimers:

This software is provided "AS IS," without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN MICROSYSTEMS, INC. OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE SOFTWARE, EVEN IF SUN MICROSYSTEMS, INC. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You acknowledge that Software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility.

## University of Illinois/NCSA Open Source License

University of Illinois/NCSA Open Source License  
Copyright (c) <Year> <Owner Organization Name>  
All rights reserved.

Developed by:<Name of Development Group>  
<Name of Institution>  
<URL for Development Group/Institution>

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

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.

Neither the names of <Name of Development Group, Name of Institution>, nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

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 CONTRIBUTORS 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 WITH THE SOFTWARE.

### **zlib/libpng License**

Copyright (c) <year> <copyright holders>

This software is provided "as-is", without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

## Appendix B - Oversized Copyright Statements

### Copyright: apache-tomcat-embed 8.5.37

Copyright (c) 1999-2018 The Apache Software Foundation  
Copyright (c) 2002 International Business Machines Corporation  
Copyright (c) 2009-2013 Oracle and/or its affiliates. All rights reserved.  
Copyright (c) 2003-2009 Sun Microsystems, Inc. All rights reserved.  
Copyright (c) 2014 The Netty Project  
Copyright (c) 2014 Twitter

### Copyright: apache-xalan-j 2.7.2

Apache Xalan (Xalan XSLT processor)  
Copyright 1999-2014 The Apache Software Foundation

Apache Xalan (Xalan serializer)  
Copyright 1999-2012 The Apache Software Foundation

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

### Copyright: azul-zulujdk-ta00144 8.44

Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler  
Copyright (c) 1995-2017 Mark Adler  
Copyright (c) 1993-2019 Oracle and/or its affiliates  
Copyright (c) 2009-2013 Attila Szegedi  
Copyright (c) Aacute Acircumflex  
Copyright (c) 1998 Thomas G. Lane Caution  
Copyright (c) 2018-2019 Cosmin Truta  
Copyright (c) 1998-2018 Glenn Randers-Pehrson  
Copyright (c) 1996-1997 Andreas Dilger  
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42-1996 Inc  
Copyright (c) 1991-1998 Thomas G. Lane  
Copyright (c) 1998 Thomas G. Lane Write  
Copyright (c) 1989-1999 Free Software Foundation, Inc  
Copyright (c) 2000-2013 France Telecom  
Copyright (c) 2003-2005 Colin Percival  
Copyright (c) 1999 by CoolServlets.com  
Copyright (c) 1995-2005 The Cryptix Foundation Limited  
Copyright (c) 1996-1999 by Scott Hudson, Frank Flannery, C. Scott Ananian  
Copyright (c) 2003 by Bitstream, Inc  
Copyright (c) 2006 by Tavmjong Bah  
Copyright (c) American Mathematical Society  
Copyright (c) 2011 Ecma International Ecma International Rue du Rhone  
Copyright (c) 2001 freebxml.org  
Copyright (c) 2002 Graz University of Technology  
Copyright (c) OASIS Open 2016  
Copyright (c) 1995-2010 International Business Machines Corporation and others  
Copyright (c) 2001-2010 Thai Open Source Software Center Ltd  
Copyright (c) 2017 JRuby Team  
Copyright (c) 2004-2009 Paul R. Holser, Jr  
Copyright (c) 1997 The Open Group Research Institute  
Copyright (c) 1998 by the FundsXpress, INC  
Copyright (c) 2007 The Khronos Group Inc  
Copyright (c) 1995-2019 The PNG Reference Library Authors  
Copyright (c) 2000-2002, 1998-2018 Glenn Randers-Pehrson  
Copyright (c) 1997 Eric S. Raymond  
Copyright (c) 1998-2017 Marti Maria Saguer  
Copyright (c) 1999-2002 Brian Paul  
Copyright (c) 1999-2003 David Corcoran  
Copyright (c) 2001-2011 Ludovic Rousseau  
Copyright (c) 2000-2003 Daisuke Okajima and Kohsuke Kawaguchi  
Copyright (c) 2012 Sparkle.org and Andy Matuschak  
Copyright (c) 1982 The Royal Institute, Thai Royal  
Copyright (c) 1998 National Electronics and Computer Technology Center, National Science and Technology Development Agency, Ministry of  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Science Technology and Environment, Thai Royal

Copyright (c) 1991-2013 Unicode, Inc

Copyright (c) 1996-2000 Markus Oberhumer & Laszlo Molnar <http://wildsau.idv.uni-linz.ac.at/mfx/upx.html> <http://www.nexus.hu/upx>

Copyright (c) 1996-2000 Markus Franz Xavier Johannes Oberhumer UPX

Copyright (c) 1996-2000 Laszlo Molnar

Copyright (c) 1994-2004 The XFree86 Project, Inc

Copyright (c) 1994 Hewlett-Packard Co

Copyright (c) 1996 X Consortium

Copyright (c) 1987-1998 The Open Group

Copyright (c) 1987 by Digital Equipment Corporation, Maynard, Massachusetts

copyright (c) 2019 The FreeType Project ([www.freetype.org](http://www.freetype.org))

Copyright (c) 2014-2020 <http://www.azul.com> Azul Systems, Inc.

Copyright (c) 1996 Netscape Communications Corporation

Copyright (c) 2007-2008 GeoTrust Inc

Copyright (c) 1998-1999 VeriSign,

Copyright (c) 2005 OISTE Foundation

Copyright (c) 2006-2008 thawte, Inc

Copyright (c) 2006-2008 VeriSign, Inc

Copyright (c) Entrust, Inc. 2009-2012

Copyright (c) Eastman Kodak Company, 1997

Copyright (c) Taligent, Inc. 1996-1998

Copyright (c) 2003 Wily Technology, Inc

Copyright (c) 2000-2013 INRIA, France Telecom

Copyright (c) 1995 Colin Plumb

Copyright (c) 2007-2013 Stephen Colebourne & Michael Nascimento Santos

Copyright (c) 2009 Google Inc

Copyright (c) by Sun Microsystems, Inc., San Antonio Road, Palo Alto, California, 901-94303 U.S.A

Copyright (c) EXCEPT, StandardState

Copyright (c) 2015-2019 Red Hat, Inc

Copyright (c) IBM Corporation 1996-1999

Copyright (c) 2018 SAP SE

Copyright (c) 1996-2010 IBM Corp. and others

Copyright (c) 1997-2010 International Business Machines

Copyright (c) 1988 AT&T

### **Copyright: azul-zulujdk-ta00144 8.46**

Copyright (c) 1994-2020 Oracle and/or its affiliates. All rights reserved. DO NOT ALTER OR REMOVE

Copyright (c) 1999-2019 The Apache Software Foundation.

Copyright (c) 1996-2013 IBM Corp.

Copyright (c) 2007-2013 Stephen Colebourne & Michael Nascimento Santos

Copyright (c) 1996-2010 International Business Machines Corporation and others. All Rights Reserved.

Copyright (c) 1991-2012 Unicode Inc. All rights reserved. Distributed under the Terms of Use in <http://www.unicode.org>

Copyright (c) 2000-2013 INRIA France Telecom All rights reserved.

Copyright (c) 2001-2010 Thai Open Source Software Center Ltd All rights reserved.

Copyright (c) 1999-2007 VeriSign Inc. - For authorized use only1E0C

Copyright (c) 1997-1999 International Business Machines Corp.

Copyright (c) 1996-1998 Taligent Inc.

Copyright (c) 1999-2002 International Business Machines Inc. <http://www.apache.org>. For more information on the Apache Software Foundation please see

Copyright (c) 2000-2004 World Wide Web Consortium

Copyright (c) 2014-2016 Azul Systems Inc. and are made available on the same license terms set forth above.

Copyright (c) 2015-2019 Red Hat Inc. DO NOT ALTER OR REMOVE

Copyright (c) 1997-2001 IBM Corporation

Copyright (c) 2007-2008 GeoTrust Inc. - For authorized use only1604

Copyright (c) 1989-1999 Free Software Foundation Inc.

Copyright (c) 1998-1999 International Business Machines. All Rights Reserved.

Copyright (c) 1998-2018 Glenn Randers-Pehrson are derived from libpng-

Copyright (c) 1999-2007 Brian Paul All Rights Reserved.

Copyright (c) 2008-2018 - The Khronos Group Inc.

Copyright (c) 1991-2003 Eastman Kodak Company

Copyright (c) 1998 VeriSign Inc. - For authorized use only1

Copyright (c) 2008 VeriSign Inc. - For authorized use only1806

Copyright (c) 2009 Entrust Inc. - for authorized use only1200

Copyright (c) 2012 Entrust Inc. - for authorized use only1301

Copyright (c) 1996-2009 IBM Corp. and others

Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Copyright (c) 1996-1997 Taligent Inc. -  
Copyright (c) 1993 &copy; -2011 Oracle and or its affiliates &. All rights reserved &. &  
Copyright (c) 1993-2011 &copy; Oracle and or its affiliates &. All rights reserved &.  
Copyright (c) 1999 &copy; IBM Corporation  
Copyright (c) 1982 The Royal Institute Thai Royal Government.  
Copyright (c) 1988 AT&T All Rights Reserved  
Copyright (c) 1991-1998 Thomas G. Lane. All Rights Reserved except as specified below.  
Copyright (c) 1994 Hewlett-Packard Co.  
Copyright (c) 1994-2004 The XFree86 Project Inc. All rights reserved.  
Copyright (c) 1995 Colin Plumb. All rights reserved.  
Copyright (c) 1995-1996 Guy Eric Schalnat Group  
Copyright (c) 1995-2005 The Cryptix Foundation Limited. All rights reserved.  
Copyright (c) 1995-2010 International Business Machines Corporation and others  
Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler  
Copyright (c) 1995-2019 The PNG Reference Library Authors.  
Copyright (c) 1996 Netscape Communications Corporation. All rights reserved.  
Copyright (c) 1996 X Consortium  
Copyright (c) 1996-1997 Andreas Dilger  
Copyright (c) 1996-2000 Laszlo Molnar  
Copyright (c) 1996-2000 Markus Franz Xavier Johannes Oberhumer  
Copyright (c) 1997 Eric S. Raymond  
Copyright (c) 1998 by the FundsXpress INC.  
Copyright (c) 1998 National Electronics and Computer Technology Center National Science and Technology Development Agency Ministry of Science Technology and Environment  
Copyright (c) 1998 Thomas G. Lane  
Copyright (c) 1998-2018 Glenn Randers-Pehrson  
Copyright (c) 1998-2017 Marti Maria Saguer  
Copyright (c) 1999 Lotus Development Corporation. [http www.lotus.com](http://www.lotus.com). For more information on the Apache Software Foundation please see  
Copyright (c) 1999-2003 David Corcoran <[corcoran@linuxnet.com](mailto:corcoran@linuxnet.com)>  
Copyright (c) 2000-2018 Glenn Randers-Pehrson.  
Copyright (c) 2000-2003 Daisuke Okajima and Kohsuke Kawaguchi. All rights reserved.  
Copyright (c) 2000-2011 France T  
Copyright (c) 2001-2005 - [freebxml.org](http://freebxml.org). All rights reserved.  
Copyright (c) 2001 [freebxml.org](http://freebxml.org). All rights reserved.  
Copyright (c) 2001-2011 Ludovic Rousseau <[ludovic.rousseau@free.fr](mailto:ludovic.rousseau@free.fr)> All rights reserved.  
Copyright (c) 2002 Graz University of Technology. All rights reserved.  
Copyright (c) 2003 by Bitstream Inc. All Rights Reserved. Bitstream Vera is  
Copyright (c) 2004-2009 Paul R. Holser Jr.  
Copyright (c) 2005 Sun Microsystems Inc. All rights reserved.  
Copyright (c) 2006 by Tavmjong Bah. All Rights Reserved.  
Copyright (c) 2006 Oracle and or its affiliates. All rights reserved. REM REM Redistribution and use in source and binary forms with or without  
Copyright (c) 2007 The Khronos Group Inc.  
Copyright (c) 2009 VMware Inc. All Rights Reserved.  
Copyright (c) 2009-2013 Attila Szegedi  
Copyright (c) 2012 Sparkle.org and Andy Matuschak  
Copyright (c) 2017 JRuby Team  
Copyright (c) 2018 Red Hat Inc. and or its affiliates. All rights reserved. DO NOT ALTER OR REMOVE  
Copyright (c) 2018 SAP SE. All rights reserved. DO NOT ALTER OR REMOVE  
Copyright (c) 2018-2019 Cosmin Truta  
Copyright (c) 2018-2019 Cosmin Truta.  
Copyright (c) 2019 Red Hat Inc.  
Copyright (c) 2019 The FreeType Project  
Copyright (c) Kohsuke Kawaguchi  
Copyright (c) 2016 OASIS Open  
Copyright (c) 1987-1998 The Open Group  
Copyright (c) 1987 by Digital Equipment Corporation Maynard Massachusetts  
Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler  
Copyright (c) 1995-2017 Mark Adler  
Copyright (c) 1996-1999 by Scott Hudson Frank Flannery C. Scott Ananian  
Copyright (c) 1997 by Sun Microsystems Inc.  
Copyright (c) 1997 The Open Group Research Institute. All rights reserved.  
Copyright (c) 1999 by CoolServlets.com.  
Copyright (c) 2001-2004 The Apache Software Foundation or its licensors as applicable.  
Copyright (c) 2003 Wily Technology Inc.  
Copyright (c) 2021 Software AG, Darmstadt, Germany



Copyright (c) 2003-2005 Colin Percival All rights reserved

Copyright (c) 2009 Google Inc. All Rights Reserved. DO NOT ALTER OR REMOVE

**Copyright: azul-zulujdk-ta00144 8.47**

Copyright (c) \$?E\$?1\$?eEyE!\$?E th'u <http://docs>

Copyright (c) 1982 The Royal Institute, Thai Royal

Copyright (c) 1987 by Digital Equipment Corporation, Maynard, Massachusetts

Copyright (c) 1987-1998 The Open Group

Copyright (c) 1988 AT&T

Copyright (c) 1989-1999 Free Software Foundation, Inc.

Copyright (c) 1991-1998 Thomas G. Lane

Copyright (c) 1991-2003 Eastman Kodak Company

Copyright (c) 1991-2013 Unicode, Inc.

Copyright (c) 1993 -2011 Oracle and/or its affiliates &

Copyright (c) 1993-2002 IBM Corp. -

Copyright (c) 1993-2011 Oracle and/or its affiliates &

Copyright (c) 1993-2018 Oracle and/or its affiliates, Oracle Parkway, Redwood Shores, CA USA.

Copyright (c) 1994 Hewlett-Packard Co.

Copyright (c) 1994-2004 The XFree86 Project, Inc.

Copyright (c) 1994-2020 Oracle and/or its affiliates

Copyright (c) 1995 Colin Plumb

Copyright (c) 1995-1996 Guy Eric Schalnat, Group Inc.

Copyright (c) 1995-2005 The Cryptix Foundation Limited

Copyright (c) 1995-2010 International Business Machines Corporation and others

Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler

Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler GIF87a GIF89a

Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler GIFVER

Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler GIFVER GIF89a

Copyright (c) 1995-2017 Mark Adler

Copyright (c) 1995-2019 The PNG Reference Library Authors

Copyright (c) 1996 Netscape Communications Corporation

Copyright (c) 1996 X Consortium

Copyright (c) 1996-1997 Andreas Dilger

Copyright (c) 1996-1997 Taligent, Inc. -

Copyright (c) 1996-1998 Taligent, Inc.

Copyright (c) 1996-1999 by Scott Hudson, Frank Flannery, C. Scott Ananian

Copyright (c) 1996-2000 Laszlo Molnar

Copyright (c) 1996-2000 Markus Franz Xaver Johannes Oberhumer

Copyright (c) 1996-2000 Markus Oberhumer & Laszlo Molnar <http://wildsau.idv.uni-linz.ac.at/mfx/upx.html> <http://www.nexus.hu/upx>

Copyright (c) 1996-2009 IBM Corp. and others,

Copyright (c) 1996-2013 IBM Corp.

Copyright (c) 1997 Eastman Kodak Company, As

Copyright (c) 1997 Eric S. Raymond

Copyright (c) 1997 Microsoft Corp.1 Microsoft Corporation1!0 Microsoft Root

Copyright (c) 1997 The Open Group Research Institute

Copyright (c) 1997 by Sun Microsystems, Inc., San Antonio Road, Palo Alto, California, U.S.A.

Copyright (c) 1997-1999 International Business Machines Corp. RMI-IIOP

Copyright (c) 1997-2001 IBM Corporation,

Copyright (c) 1998 National Electronics and Computer Technology Center, National Science and Technology Development Agency, Ministry of Science Technology and Environment, Thai Royal

Copyright (c) 1998 Thomas G. Lane Caution

Copyright (c) 1998 Thomas G. Lane Write

Copyright (c) 1998 by the FundsXpress, INC.

Copyright (c) 1998-1999 IBM Corporation

Copyright (c) 1998-1999 International Business Machines

Copyright (c) 1998-2008 VeriSign, Inc.

Copyright (c) 1998-2010 IBM Corp and Others.

Copyright (c) 1998-2017 Marti Maria Sagner

Copyright (c) 1998-2018 Glenn Randers-Pehrson

Copyright (c) 1999 Entrust.net Limited1301 Entrust.net Certification

Copyright (c) 1999 Lotus Development Corporation., <http://www.lotus.com>

Copyright (c) 1999 by CoolServlets.com

Copyright (c) 1999-2002 International Business Machines, Inc., <http://www.apache.org>

Copyright (c) 1999-2003 David Corcoran <corcoran@linuxnet.com>

Copyright (c) 1999-2007 Brian Paul

Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Copyright (c) 1999-2019 The Apache Software Foundation  
Copyright (c) 2000-2002 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 2000-2003 Daisuke Okajima and Kohsuke Kawaguchi  
Copyright (c) 2000-2011 France Telecom  
Copyright (c) 2000-2013 INRIA, France Telecom  
Copyright (c) 2001 freebxml.org  
Copyright (c) 2001-2005 - freebxml.org  
Copyright (c) 2001-2010 Thai Open Source Software Center Ltd  
Copyright (c) 2001-2011 Ludovic Rousseau <ludovic.rousseau@free.fr>  
Copyright (c) 2002 Graz University of Technology  
Copyright (c) 2003 Wily Technology, Inc.  
Copyright (c) 2003 by Bitstream, Inc.  
Copyright (c) 2003-2005 Colin Percival  
Copyright (c) 2004 World Wide Web Consortium  
Copyright (c) 2004-2009 Paul R. Holser, Jr  
Copyright (c) 2005 Sun Microsystems, Inc.  
Copyright (c) 2006 Entrust  
Copyright (c) 2006 by Tavmjong Bah  
Copyright (c) 2006-2008 thawte, Inc.  
Copyright (c) 2007 The Khronos Group Inc.  
Copyright (c) 2007-2008 GeoTrust Inc.  
Copyright (c) 2007-2013 Stephen Colebourne & Michael Nascimento Santos  
Copyright (c) 2008-2018 - The Khronos Group Inc.  
Copyright (c) 2009 Google Inc.  
Copyright (c) 2009 VMware, Inc.  
Copyright (c) 2009-2012 Entrust, Inc. - for  
Copyright (c) 2009-2013 Attila Szegedi  
Copyright (c) 2009-2013 by Oracle Corporation  
Copyright (c) 2011 Ecma International Ecma International Rue du Rhone  
Copyright (c) 2012 Sparkle.org and Andy Matuschak  
Copyright (c) 2014-2016 Azul Systems, Inc.  
Copyright (c) 2014-2020 <http://www.azul.com> Azul Systems  
Copyright (c) 2015-2019 Red Hat, Inc.  
Copyright (c) 2016 OASIS Open  
Copyright (c) 2017 JRuby Team  
Copyright (c) 2018 Red Hat, Inc. and/or its affiliates  
Copyright (c) 2018 SAP SE.  
Copyright (c) 2018-2019 Cosmin Truta  
Copyright (c) 2019 The FreeType Project ([www.freetype.org](http://www.freetype.org))  
Copyright (c) 2020 ProductName Azul Zulu  
Copyright (c) Aacute Acircumflex  
Copyright (c) American Mathematical Society  
Copyright (c) Kohsuke Kawaguchi  
Copyright (c) NEC Row  
Copyright (c) OISTE Foundation  
Copyright (c) Tavmjong Bah  
Copyright (c) Vector  
Copyright (c) by the Free Software Foundation

### **Copyright: azul-zulujdk-ta00144 8.52**

Copyright (c) 1993-2021 Oracle and/or its affiliates  
Copyright (c) 1999-2019 The Apache Software Foundation  
Copyright (c) 1993-2013 IBM Corp  
Copyright (c) 1997 The Open Group Research Institute  
Copyright (c) 2009-2013 Oracle Corporation  
Copyright (c) 2004 World Wide Web Consortium  
Copyright (c) 2021 OriginalFilename  
Copyright (c) 2002 Graz University of Technology  
Copyright (c) 1997 Eastman Kodak Company As  
Copyright (c) 2007-2013 Stephen Colebourne Michael Nascimento Santos  
Copyright (c) 2000-2013 INRIA France Telecom  
Copyright (c) 1996-2009 IBM Corp and others  
Copyright (c) 1996-1998 Taligent Inc  
Copyright (c) 2014-2020 Azul Systems Inc  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Copyright (c) 1995-2017 Mark Adler  
Copyright (c) 1989-2017 Free Software Foundation Inc  
Copyright (c) 2000-2002 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University  
Copyright (c) 1998-2008 VeriSign Inc  
Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler  
Copyright (c) 1997-1999 International Business Machines Corp RMI-IIOP  
Copyright (c) 2003 Wily Technology Inc  
Copyright (c) 1995-1996 Guy Eric Schlnat Group Inc  
Copyright (c) 1996-1997 Andreas Dilger  
Copyright (c) 2005-2019 Portions Oracle and/or its affiliates  
Copyright (c) 2021 ProductName Azul Zulu  
Copyright (c) 2001-2005 freebxml.org  
Copyright (c) 2007-2008 GeoTrust Inc  
Copyright (c) 2009-2013 Attila Szegedi  
Copyright (c) 2003 Bitstream Inc  
Copyright (c) 2007 Free Software Foundation Inc <<http://fsf.org>  
Copyright (c) 2018-2019 Cosmin Truta  
Copyright (c) 1995-2010 International Business Machines Corporation and others  
Copyright (c) 1999-2002 International Business Machines Inc <http://www.apache.org>  
Copyright (c) 2006-2008 thawte Inc  
Copyright (c) 1998-1999 IBM Corporation  
Copyright (c) 2017-2018 Red Hat Inc and/or its affiliates  
Copyright (c) 1998 the FundsXpress INC  
Copyright (c) 1991-2016 Unicode Inc  
Copyright (c) 1997 Microsoft Corp.1 Microsoft Corporation1!0 Microsoft Root  
Copyright (c) 2001-2010 Thai Open Source Software Center Ltd  
Copyright (c) 1995-2017 Mark Adler  
Copyright (c) 2007-2018 The Khronos Group Inc  
Copyright (c) 2009-2015 Entrust Inc for  
Copyright (c) 1987-1998 The Open Group  
Copyright (c) 1993 -2011 Oracle and/or its affiliates  
Copyright (c) 1995-2005 The Cryptix Foundation Limited  
Copyright (c) 1997-2001 Portions IBM Corporation  
Copyright (c) 1999-2007 Brian Paul  
Copyright (c) 2006 Tavmjong Bah  
Copyright (c) 1982 The Royal Institute Thai Royal Government  
Copyright (c) 1987 Digital Equipment Corporation Maynard Massachusetts  
Copyright (c) 1991-2003 Portions Eastman Kodak Company  
Copyright (c) 1993-2018 Oracle and/or its affiliates Oracle Parkway Redwood Shores CA USA  
Copyright (c) 1994 Hewlett-Packard Co  
Copyright (c) 1994-2004 The XFree86 Project Inc  
Copyright (c) 1995-2019 The PNG Reference Library Authors  
Copyright (c) 1996-2000 Laszlo Molnar  
Copyright (c) 1996-2000 Markus Franz Xavier Johannes Oberhumer  
Copyright (c) 1996-2000 Markus Oberhumer Laszlo Molnar <http://wildsau.idv.uni-linz.ac.at/mfx/upx.html> <http://www.nexus.hu/upx>  
Copyright (c) 1996-2015 Scott Hudson Frank Flannery C Scott Ananian Michael Petter  
Copyright (c) 1997 Eric S Raymond  
Copyright (c) 1998 National Electronics and Computer Technology Center National Science and Technology Development Agency Ministry of Science Technology and Environment Thai Royal Government  
Copyright (c) 1998-2018 Glenn Randers-Pehrson  
Copyright (c) 1998-2020 Marti Maria Saguer  
Copyright (c) 1999 CoolServlets.com  
Copyright (c) 1999 Entrust.net Limited1301 Entrust.net Certification  
Copyright (c) 1999-2003 David Corcoran <[corcoran@linuxnet.com](mailto:corcoran@linuxnet.com)  
Copyright (c) 2000-2003 Daisuke Okajima and Kohsuke Kawaguchi  
Copyright (c) 2000-2011 France Telecom  
Copyright (c) 2001-2011 Ludovic Rousseau <[ludovic.rousseau@free.fr](mailto:ludovic.rousseau@free.fr)  
Copyright (c) 2003-2005 Colin Percival  
Copyright (c) 2004-2009 Paul R Holser Jr  
Copyright (c) 2006 Entrust  
Copyright (c) 2009 Google Inc  
Copyright (c) 2009 VMware Inc  
Copyright (c) 2011 Ecma International Ecma International Rue du Rhone  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Copyright (c) 2012 Sparkle.org and Andy Matuschak  
Copyright (c) 2016 OASIS Open  
Copyright (c) 2017 JRuby Team  
Copyright (c) 2019-2020 Azul Systems  
Copyright (c) 2020 The FreeType Project ([www.freetype.org](http://www.freetype.org))  
Copyright (c) American Mathematical Society  
Copyright (c) Kohsuke Kawaguchi  
Copyright (c) Aacute Acircumflex  
Copyright (c) C E  
Copyright (c) 1991-1998 Thomas G Lane  
Copyright (c) 1998 Thomas G Lane Caution  
Copyright (c) 1998 Thomas G Lane Write  
Copyright (c) 2015-2020 Red Hat Inc  
Copyright (c) 1998-1999 International Business Machines  
Copyright (c) 1988 AT&T  
Copyright (c) 1995 Portions Colin Plumb  
Copyright (c) 1996 Netscape Communications Corporation  
Copyright (c) 1997 Sun Microsystems Inc San Antonio Road Palo Alto California U.S.A  
Copyright (c) 1999 Lotus Development Corporation <http://www.lotus.com>  
Copyright (c) 2014-2021 <http://www.azul.com> Azul Systems  
Copyright (c) 2018 SAP SE  
Copyright (c) 1995-2017 Mark Adler  
Copyright (c) 1998-2010 IBM Corp and Others  
Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler

**Copyright: commons-codec 1.11**

Copyright (C) 2002-2002 Kevin Atkinson ([kevina@gnu.org](mailto:kevina@gnu.org))  
Copyright (c) 2004-2006 Intel Corporation  
Copyright (c) 2008 Alexander Beider & Stephen P. Morse.  
Copyright (c) 2002-2017 The Apache Software Foundation

**Copyright: eclipse-equinox 4.11**

Copyright (c) 2008 EclipseSource, IBM, and others. All rights reserved. This  
Copyright (c) 1995 - 2019 Mort Bay Consulting Pty. Ltd.  
Copyright (c) 2000 - 2002, 2004 - 2018 OSGi Alliance. All Rights Reserved.  
Copyright (c) 1997 - 2013 Oracle and/or its affiliates. All rights reserved.  
Copyright (c) 2001 - 2018 The Apache Software Foundation  
Copyright (c) 2006 - 2011, 2017 - 2018 - Cloudsmith Inc. and others.  
Copyright (c) 1997 - 2009, 2011, 2018 by ProSyst Software GmbH and others.  
Copyright (c) 2011, 2014 Compositent, Inc. and others. All rights reserved.  
Copyright (c) 2004, 2009 - 2011, 2014 - 2015, 2018 Compositent, Inc. and others. All rights reserved.  
Copyright (c) 2008 - 2009 EclipseSource and others. All rights reserved.  
Copyright (c) 2004, 2009 - 2011, 2017 - 2018 Tasktop Technologies and others.  
Copyright (c) 2005 - 2010, 2012, 2014 - 2019 Cognos Incorporated, IBM Corporation and others..  
Copyright (c) 2008, 2010 - 2011, 2014 - 2015, 2017 - 2018 Code 9 and others.  
Copyright (c) 2010 - 2011, 2013 - 2014, 2017 - 2018 IBM Corporation, SAP AG and others.  
Copyright (c) 2014 - 2016, 2019 Feb 23, Raymond Aug? and others.  
Copyright (c) 2004, 2006 - 2008, 2010 IBM, Inc and Compositent, Inc. All rights reserved. This  
Copyright (c) 1996 Aki Yoshida. All rights reserved.  
Copyright (c) 2004 - 2011 QOS.ch  
Copyright (c) 2008, 2010 - 2013, 2015 - 2016 VMware Inc. and others  
Copyright (c) 2004, 2007, 2009, 2014 Compositent, Inc. and others. All rights reserved.  
Copyright (c) 2001 1 SAP AG.  
Copyright (c) 2004 - 2005, 2007 - 2009, 2011, 2014 IBM Corporation and others.  
Copyright (c) 2004, 2007 - 2010, 2013 - 2014 Compositent Inc., IBM Corp. and others.  
Copyright (c) 2011 - 2012, 2015, 2017 - 2018 WindRiver Corporation and others.  
Copyright (c) 2004, 2006 - 2012, 2014, 2018 IBM, Compositent, Inc. and others.  
Copyright (c) 2000 - 2009 Sun Microsystems, Inc. All rights reserved.  
Copyright (c) 2008 - 2009, 2013 - 2014, 2017 Martin Lippert and others.  
Copyright (c) 2012 - 2015, 2017 - 2018 Red Hat, Inc. and others.  
Copyright (c) 2010 - 2011, 2013, 2017 - Sonatype, Inc. and others.  
Copyright (c) 2008 - 2013, 2015 - 2018 EclipseSource Inc. and others.  
Copyright (c) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 0 USA  
Copyright (c) 2004 - 2009, 2017 - 2018 Daniel Le Berre and others.  
Copyright (c) 2008 - 2009, 2013 Heiko Seeberger and others.

Copyright (c) 2007 - 2010, 2017 - 2018 compeople AG and others.<br>  
Copyright (c) 2002 - 2003 Stefan Haustein, Oberhausen, Rhld., Germany.  
Copyright (c) 2009, 2011 - 2012, 2017 - 2018 Gunnar Wagenknecht and others.  
Copyright (c) 2007 - 2010, 2019 Eclipse contributors and others . All rights reserved.  
Copyright (c) 2012 - 2013, 2017 Ericsson AB and others.  
Copyright (c) 2013 - 2015, 2017 - 2018 Rapicorp, Inc and others.  
Copyright (c) 2008, 2017 - 2018 Jay Rosenthal and others.  
Copyright (c) 2002 Kevin Atkinson (kevina@gnu.org)  
Copyright (c) 2008 Alexander Beider & Stephen P. Morse.  
Copyright (c) 2016 Alex Blewitt and others.  
Copyright (c) 2011 Intalio Inc and others.  
Copyright (c) 2003, 2018 IBM Corporation and others.  
Copyright (c) 2008, 2017 Genuitec, LLC and others.  
Copyright (c) 2006, 2016 Eclipse Foundation and others.  
Copyright (c) 2015 Google Inc and others.  
Copyright (c) 2010 Markus Alexander Kuppe.  
Copyright (c) 2004 - 2012 Apache MINA Project  
Copyright (c) 2003 Eric Glass  
Copyright (c) 2009 EclipseSource, Inc. All rights reserved.  
Copyright (c) 2004 Composent, Inc., Peter Nehrer, Boris Bokowski. All rights reserved.  
Copyright (c) 2012, 2017 Landmark Graphics Corporation and others  
Copyright (c) 2008 Versant Corp.  
Copyright (c) 2009 Composent Inc., EclipseSource Inc., IBM Corp. and others.  
Copyright (c) 2012 Udo Klimaschewski  
Copyright (c) 2008 - 2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2008, 2010 Band XI International, LLC and others.  
Copyright (c) 2002, 2019 IBM Corp. and others . All rights reserved.</string>  
Copyright (c) 2012 Pascal Rapicault and others.  
Copyright (c) 2008, 2011 Gunnar Wagenknecht, IBM Corporation and others  
Copyright (c) 2017 Manumitting Technologies Inc and others.  
Copyright (c) 2005, 2007 Remy Suen  
Copyright (c) 2018 Connexta, LLC and others.  
Copyright (c) 1998 - 2001, 2003 - 2019 6 IBM Corporation and others.  
Copyright (c) 2007, 2017 aQute and others.  
Copyright (c) 2014, 2018 - 2019 Jan. 29, Liferay, Inc.  
Copyright (c) 2015 SAP SE and others.  
Copyright (c) 2015 University of York. All rights reserved. This

### **Copyright: eclipse-equinox 4.9.0**

Copyright (c) 1996 Aki Yoshida. All rights reserved.  
Copyright (c) 2016 Alex Blewitt and others.  
Copyright (c) 2008, 2010, 2011, 2014-2015, 2017 Code 9 and others.  
Copyright (c) 2007, 2017 aQute and others.  
Copyright (c) 2004-2013 Artois University and CNRS  
Copyright (c) 2008, 2010 Band XI International, LLC and others.  
Copyright (c) 1995-2018 Mort Bay Consulting Pty. Ltd. All rights reserved.  
Copyright (c) 2008-2009 Bjoern Hoehrmann; bjoern@hoehrmann.de  
Copyright (c) 2006-2009, 2018 Cloudsmith Inc.  
Copyright (c) 2009-2010, 2015, 2017-2018 Cloudsmith Inc. and others.  
Copyright (c) 2006, 2018 Cognos Incorporated  
Copyright (c) 2005-2007, 2009-2010, 2012, 2014, 2016-2018 Cognos Incorporated, IBM Corporation and others  
Copyright (c) 2007-2010, 2017-2018 compeople AG and others.  
Copyright (c) 2004, 2007-2011, 2015 Composent and others. All rights reserved.  
Copyright (c) 2004, 2010 Composent, Inc., IBM All rights reserved.  
Copyright (c) 2004, 2007-2010 Composent, Inc., IBM and others. All rights reserved.  
Copyright (c) 2004 Composent, Inc., Peter Nehrer, Boris Bokowski. All rights reserved.  
Copyright (c) 2018 Connexta, LLC and others.  
Copyright (C) 2004-2008 Daniel Le Berre  
Copyright (c) 2009, 2017, 2018 Daniel Le Berre and others.  
Copyright (c) 2010, 2018 Eclipse contributors and others.  
Copyright (c) 2006, 2016 Eclipse Foundation and others.  
Copyright (c) 2008-2011, 2017-2018 EclipseSource and others. All rights reserved.  
Copyright (c) 2008 EclipseSource, IBM, and others. All rights reserved.  
Copyright (c) 2009 EclipseSource, Inc. All rights reserved.  
Copyright (c) 2011, 2013 EclipseSource Inc. and others.  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Copyright (c) 2004, 2009-2010, 2017-2018 Tasktop Technologies and others.  
Copyright (c) 2010 IBM, Compositent, Inc. and others.  
Copyright (c) 2003 Eric Glass  
Copyright (c) 2012-2013, 2017 Ericsson AB and others.  
Copyright (c) 1989, 1991 Free Software Foundation, Inc.  
Copyright (c) 2008, 2017 Genuitec, LLC and others.  
Copyright (c) 2015 Google Inc and others.  
Copyright (c) 2009, 2011-2012, 2017-2018 Gunnar Wagenknecht and others. All rights reserved.  
Copyright (c) 2008, 2011 Gunnar Wagenknecht, IBM Corporation and others  
Copyright (c) 2008, 2009, 2013 Heiko Seeberger and others.  
Copyright (c) 2009 IBM, and others. All rights reserved.  
Copyright (c) 2007 IBM, Compositent Inc. and others. All rights reserved.  
Copyright (c) 2000-2013, 2016, 2018 IBM Corporation and others. All rights reserved.  
Copyright (c) 2001-2004 The Apache Software Foundation  
Copyright (c) 2010, 2017 IBM Corporation, SAP AG and others.  
Copyright (c) 2006 IBM, Inc and Compositent, Inc. All rights reserved.  
Copyright (c) 2008 Jay Rosenthal  
Copyright (c) 2008, 2017 Jay Rosenthal and others.  
Copyright (c) 2012, 2017 Landmark Graphics Corporation and others  
Copyright (c) 2014, 2015, 2018 Liferay, Inc.  
Copyright (c) 2017 Manumitting Technologies Inc and others.  
Copyright (c) 2010 Markus Alexander Kuppe. All rights reserved.  
Copyright (c) 2008, 2009, 2013, 2014, 2017 Martin Lippert and others.  
Copyright (c) 1995-2018 Mort Bay Consulting Pty. Ltd. All rights reserved.  
Copyright (c) 2015, 2018 Mykola Nikishov.  
Copyright (c) 1997-2013 Oracle and/or its affiliates. All rights reserved.  
Copyright (c) 2000-2005, 2010-2017 OSGi Alliance. All Rights Reserved.  
Copyright (c) 2012 Pascal Rapicault and others.  
Copyright (c) 1997, 2008 by ProSyst Software GmbH  
Copyright (c) 1997, 2011 by ProSyst Software GmbH and others.  
Copyright (c) 2004-2011 QOS.ch. All rights reserved.  
Copyright (c) 2013-2015, 2017-2018 Rapicorp, Inc and others.  
Copyright (c) 2014-2016 Raymond Aug and others.  
Copyright (c) 2015 Red Hat Inc.  
Copyright (c) 2012-2014, 2017-2018 Red Hat, Inc. and others  
Copyright (c) 2005, 2007 Remy Suen. All rights reserved.  
Copyright (c) 2010-2011, 2017-2018 SAP AG and others.  
Copyright (c) 2015, 2017 SAP SE and others.  
Copyright (c) 2010, 2017 Sonatype, Inc.  
Copyright (c) 2010-2011, 2013, 2017 Sonatype, Inc. and others.  
Copyright 2000-2007 Sun Microsystems, Inc. All rights reserved.  
Copyright 2012 Udo Klimaschewski  
Copyright (c) 2015 University of York. All rights reserved.  
Copyright (c) 2008 VeriSign, Inc.  
Copyright (c) 2008 Versant Corp. All rights reserved.  
Copyright (c) 2008, 2011-2013, 2015 VMware Inc.  
Copyright (c) 2011, 2013, 2015, 2016 VMware Inc. and others.  
Copyright (c) 2012 Wind River and others.  
Copyright (c) 2011, 2017-2018 WindRiver Corporation and others.

### **Copyright: eclipse-jasper 2.2.2.v201501141630**

Package (c) Eclipse Foundation May 14, 2012

The Eclipse Foundation makes available all content in this plug-in ("Content"). Unless otherwise indicated below, the Content is provided to you under the terms and conditions of the Eclipse Public License Version 1.0 ("EPL").

Copyright (c) 2004 The Apache Software Foundation  
Copyright (c) 1997-2010 Oracle and/or its affiliates. All rights reserved.

### **Copyright: eclipse-xtext 2.17.0**

Copyright (c) 2008, 2009, 2011 - 2013, 2015, 2017 - 2018 itemis AG (<http://www.itemis.eu>) and others. All rights reserved.  
Copyright (c) 2002, 2004, 2018 Eclipse contributors and others. All rights reserved.

### **Copyright: eclipse-xtext 2.17.1**

Copyright (c) 2008, 2009, 2011 - 2013, 2015, 2017 - 2018 itemis AG (<http://www.itemis.eu>) and others. All rights reserved.  
Copyright (c) 2002, 2004, 2019 Eclipse contributors and others. All rights reserved.

**Copyright: gf.asm.jar 3.1**

Copyright (c) 2010-2011 Oracle and/or its affiliates. All rights reserved. Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.jackson-core-asl.jar 1.9.2**

Copyright (c) 2010-2011 Oracle and/or its affiliates. All rights reserved.

Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.jackson-jaxrs.jar 1.9.2**

Copyright (c) 2010-2011 Oracle and/or its affiliates. All rights reserved.

Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.jackson-mapper-asl.jar 1.9.2**

Copyright (c) 2010-2011 Oracle and/or its affiliates. All rights reserved.

Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.javax.jms.jar 1.1**

Copyright (c) 2010-2011 Oracle and/or its affiliates. All rights reserved.

Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.javax.servlet.jsp.jstl.jar 1.2.5-b03**

Copyright (c) 1997 - 2012 Oracle and/or its affiliates. All Rights Reserved.

Copyright (c) 2004 The Apache Software Foundation

Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.jersey-client.jar 1.16**

Copyright (c) 2010-2011 Oracle and/or its affiliates. All rights reserved. Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.jersey-core.jar 1.16**

Copyright (c) 1997-2012 Oracle and/or its affiliates. All rights reserved. Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.jersey-gf-server.jar 1.16**

Copyright (c) 1997-2012 Oracle and/or its affiliates. All rights reserved. Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.jersey-gf-servlet.jar 1.16**

Copyright (c) 1997-2012 Oracle and/or its affiliates. All rights reserved. Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.jersey-json.jar 1.16**

Copyright (c) 1997-2012 Oracle and/or its affiliates. All rights reserved. Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: gf.osgi-resource-locator.jar 1.0.1**

Copyright (c) 1997-2012 Oracle and/or its affiliates. All rights reserved. Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: httpclient 4.5.6**

Copyright (c) 1999 - 2018 The Apache Software Foundation

Copyright (c) 2010 - 2011 Timothy Wall

Copyright (c) 2002 Kevin Atkinson (kevina@gnu.org)

Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

**Copyright: jemalloc 5.0.1**

Copyright (c) 2002-2017 Jason Evans <jasone@canonware.com>.

All rights reserved.

Copyright (c) 2007-2012 Mozilla Foundation. All rights reserved.

Copyright (c) 2009-2017 Facebook, Inc. All rights reserved.

**Copyright: jersey-apache-client 1.8**

Copyright (c) 2010-2011 Oracle and/or its affiliates. All rights reserved

Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: jersey-client 1.8**

Copyright (c) 2010-2011 Oracle and/or its affiliates. All rights reserved

Software AG elects to include this software in this distribution under the CDDL license.

Copyright (c) 2021 Software AG, Darmstadt, Germany

**Copyright: jersey-core 1.8**

Copyright (c) 2010-2011 Oracle and/or its affiliates. All rights reserved

Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: jersey-multipart 1.8**

Copyright (c) 2010-2011 Oracle and/or its affiliates. All rights reserved.

Software AG elects to include this software in this distribution under the CDDL license.

**Copyright: jetty-util 8.1.7.v20120910**

Copyright (c) 1995 - 2012 Mort Bay Consulting Pty. Ltd.

Copyright (c) 1996 Aki Yoshida. All rights reserved.

Copyright (c) 2008 - 2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

**Copyright: jetty-util 9.2.18.v20160721**

Copyright (c) 1996-1996 Aki Yoshida.

Copyright (c) 1995-2016 Mort Bay Consulting Pty. Ltd.

Copyright (c) 2008-2009 Bjoern Hoehrmann .

Copyright (c) 2008-2016 Mort Bay Consulting Pty. Ltd. Bundle-Description Jetty.

**Copyright: lucene 2.4.1**

Apache Lucene

Copyright 2006 The Apache Software Foundation

This product includes software developed by

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

The snowball stemmers in

contrib/snowball/src/java/net/sf/snowball

were developed by Martin Porter and Richard Boulton.

The full snowball package is available from

<http://snowball.tartarus.org/>

**Copyright: nss-builtin-certdata 20190704**

Copyright (c) 1999, 2006 - 2008 VeriSign, Inc.

Copyright (c) 2006, 2008 thawte, Inc.

Copyright (c) 2007 - 2008 GeoTrust Inc.

Copyright (c) 1999-2006, 2009, 2012 Entrust, Inc., [www.entrust.net](http://www.entrust.net)

**Copyright: openssl 1.1.1e**

Copyright (c) 1995-2020 The OpenSSL Project Authors

Copyright (c) 2002-2018 Oracle and/or its affiliates

Copyright (c) 2005 Nokia

Copyright (c) 2017 Ribose Inc.

Copyright (c) 2014-2016 Cryptography Research, Inc.

Copyright (c) 2004-2018 Richard Levitte <[richard@levitte.org](mailto:richard@levitte.org)>

Copyright (c) 2017 BaishanCloud

Copyright (c) 2012 Samuel Neves <[sneves@dei.uc.pt](mailto:sneves@dei.uc.pt)>

Copyright (c) 2004 EdelKey Project

Copyright (c) 2012-2014 Intel Corporation

Copyright (c) 2011 Google Inc.

Copyright (c) 2007 KISA(Korea Information Security Agency)

Copyright (c) 1998-2019 The OpenSSL Project

Copyright (c) 2016 VMS Software, Inc.

Copyright (c) 2017 National Security Research Institute

Copyright (c) 2006 NTT (Nippon Telegraph and Telephone Corporation)

Copyright (c) 2008 Andy Polyakov <[appro@openssl.org](mailto:appro@openssl.org)>

Copyright (c) 2015 CloudFlare, Inc.

Copyright (c) 2004 Kungliga Tekniska Hogskolan (Royal Institute of Technology, Stockholm, Sweden)

Copyright (c) 2013 Mark Jason Dominus

Copyright (c) 2006 Network Resonance, Inc.

Copyright (c) 2011 RTFM, Inc.

Copyright (c) 1995-1998 Eric Young ([eay@cryptsoft.com](mailto:eay@cryptsoft.com))

Copyright (c) 1995-1998 Eric A. Young, Tim J. Hudson

Copyright (c) 2013-2014 Timo Teras <[timo.teras@gmail.com](mailto:timo.teras@gmail.com)>

Copyright (c) 2002 The OpenTSA Project

Copyright (c) 2004-2014 Akamai Technologies

Copyright (c) 2021 Software AG, Darmstadt, Germany



Copyright (c) 1995 Patrick Powell  
Copyright (c) 2012-2016 Jean-Philippe Aumasson  
Copyright (c) 2012-2014 Daniel J. Bernstein  
Copyright (c) 1989-1991 Free Software Foundation, Inc.  
Copyright (c) 2013 M. J. Dominus  
Copyright (c) 2016 Viktor Dukhovni <openssl-users@dukhovni.org>  
Copyright (c) 2017 Ribose Inc. (<https://www.ribose.com>)  
Copyright (c) 1998 The OpenSSL Authors

### **Copyright: poi 3.9**

Copyright 2001-2003 (c) World Wide Web Consortium Massachusetts Institute.  
Copyright (c) 2001-2005 (C) MetaStuff, Ltd. All Rights Reserved.  
Copyright (c) 2002 Yuval Oren.  
Copyright (c) 2009 The Apache Software Foundation.  
Copyright (c) 2000-2003, BEA Systems.  
Copyright (c) 2006-2007 Valek Filippov.

### **Copyright: rhino 1.6R7**

The Original Code is Rhino code, released May 6, 1999. The Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by the Initial Developer are Copyright (C) 1997-2000 the Initial Developer. All Rights Reserved. According to Clause 6.2 of the Netscape/Mozilla Public Licenses version 1.0 and 1.1 Software AG decides to use and distribute this material under the Mozilla Public License, version 2.0.

### **Copyright: rhino 1.7R3**

The Original Code is Rhino code. The Initial Developer of the Original Code is Netscape Communications Corporation. All Rights Reserved.

According to Clause 6.2 of the Netscape/Mozilla Public Licenses version 1.0 and 1.1 Software AG decides to use and distribute this material under the Mozilla Public License, version 2.0.

### **Copyright: saxpath 1.0-FCS**

Copyright (C) 2000-2002 werken digital. All rights reserved. According to Clause 6.2 of the Netscape/Mozilla Public Licenses version 1.0 and 1.1 Software AG decides to use and distribute this material under the Mozilla Public License, version 2.0.

### **Copyright: sphinx 1.7.6**

Copyright (c) 2007 - 2018 by the Sphinx team, see AUTHORS.  
Copyright (c) 2009 - 2012 Jeremy Ashkenas, DocumentCloud Inc.  
Copyright (c) JS Foundation and other contributors  
Copyright (c) jQuery Foundation and other contributors

### **Copyright: sphinx 3.0.1**

Copyright (c) 2007-2020 by the Sphinx  
Copyright (c) 2020 ORGANIZATION  
Copyright (c) JS Foundation and other contributors  
Copyright (c) 2009-2012 Jeremy Ashkenas, DocumentCloud Inc. Underscore  
Copyright (c) 2010-2016 Georg Brandl & Team  
Copyright (c) 2008 Societe des arts technologiques (SAT), <https://sat.qc.ca>  
Copyright (c) 2001-2017 Python Software Foundation  
Copyright (c) 2010 Gunter Milde  
Copyright (c) 2003 John Gruber  
Copyright (c) 2004-2007 Chad Miller  
Copyright (c) 2001 by Vivake Gupta <v@nano.com>  
Copyright (c) 2008-2009 Haiku  
Copyright (c) 2007-2019 by the Sphinx team (see AUTHORS file)  
Copyright (c) 2003 John Gruber (<https://daringfireball.net/projects/smartypants/>)  
Copyright (c) 2008 John Resig, <https://jquery.com>  
Copyright (c) 2009 Jeremy Ashkenas, DocumentCloud  
Copyright (c) 2008 Stefan van der Walt <stefan@mentat.za.net> , Pauli Virtanen <pav@iki.fi>  
Copyright (c) 2007-2020 Georg Brandl and the Sphinx team

### **Copyright: spring-beans 3.2.18.RELEASE**

Copyright (c) 2002 - 2018 the original author or authors.  
Copyright (c) 2000 - 2011 INRIA, France Telecom  
Copyright (c) 1999 - 2009 , OW2 Consortium <<http://www.ow2.org/>>  
Copyright (c) 2002 - 2016 Pivotal, Inc.

### **Copyright: spring-context 3.2.18.RELEASE**

Copyright (c) 2002-2016 the original author or authors.  
Copyright (c) 1999-2009, OW2 Consortium  
Copyright (c) 2000-2011 INRIA, France Telecom.  
Copyright (c) 2002-2016 Pivotal, Inc.

Copyright (c) 2021 Software AG, Darmstadt, Germany

**Copyright: spring-core 3.2.18.RELEASE**

Copyright (c) 2002 - 2018 the original author or authors.  
Copyright (c) 2000 - 2011 INRIA, France Telecom  
Copyright (c) 2002 - 2004 The Apache Software Foundation  
Copyright (c) 1999 - 2009 , OW2 Consortium <<http://www.ow2.org/>>  
Copyright (c) 2002 - 2016 Pivotal, Inc.

**Copyright: spring-expression 3.2.18.RELEASE**

Copyright (c) 2002 - 2016 the original author or authors.  
Copyright (c) 2000 - 2011 INRIA, France Telecom  
Copyright (c) 2002 - 2016 Pivotal, Inc.  
Copyright (c) 1999 - 2009 , OW2 Consortium <<http://www.ow2.org/>>

**Copyright: spring-security-saml2-core 1.0.4**

Copyright (c) 2010 - 2011 Jonathan Tellier, Vladimir Schaefer  
Copyright (c) 2009 - 2011, 2013 Vladimir Schafer  
Copyright (c) 2009 - 2012 Mandus Elfving, Vladimir Schaefer  
Copyright (c) 2007 University Corporation for Advanced Internet Development, Inc.  
Copyright (c) 2003 - 2005 Liberty Alliance participants

**Copyright: validation-api 1.1.0.Final**

Copyright 2009-2013, Red Hat, Inc. and/or its affiliates, and individual contributors by the @authors tag. See the copyright.txt in the distribution for a full listing of individual contributors.

## Appendix C - Embedded Copyrights and Licenses

### Embedded Copyright: @angular/core 7.2.10

Copyright (c) Microsoft Corporation. All rights reserved.

### Embedded Copyright: apache-ant 1.10.5

Copyright (c) 2002, Landmark Graphics Corp

Copyright (c) 2000-2006, www.hamcrest.org

### Embedded Copyright: apache-axiom 1.2.13

This product includes software developed by

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

Portions Copyright 2006 International Business Machines Corp.

### Embedded Copyright: apache-commons-csv 1.6

This product includes software developed at

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

### Embedded Copyright: apache-commons-httpclient 3.1

This product includes software developed by

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

### Embedded Copyright: apache-commons-io 2.2

This product includes software developed by

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

### Embedded Copyright: apache-db-derby 10.14.2.0

Copyright (c) 1997,2004 International Business Machines Corporation. All rights reserved.

Copyright (c) IBM Corp. 2003.

### Embedded Copyright: apache-httpclient 4.5.5

Copyright (c) 2010 - 2011 Timothy Wall

Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

Copyright (c) 2002 Kevin Atkinson (kevina@gnu.org)

### Embedded Copyright: apache-jakarta-commons-codec 1.10

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

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains test data from <http://aspell.net/test/orig/batch0.tab>. Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org) The content of package org.apache.commons.codec.language.bm has been translated from the original php source code available at <http://stevemorse.org/phoneticinfo.htm> with permission from the original authors. Original source copyright: Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

### Embedded Copyright: apache-jakarta-commons-codec 1.11

Copyright (c) 2002 Kevin Atkinson (kevina@gnu.org)

The content of package org.apache.commons.codec.language.bm has been translated from the original php source code available at <http://stevemorse.org/phoneticinfo.htm> with permission from the original authors.

Original source copyright:

Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

### Embedded Copyright: apache-jakarta-commons-jxpath 1.3

This product includes software developed by

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

### Embedded Copyright: apache-kafka 2.11-1.0.0

This distribution has a binary dependency on jersey, which is available under the CDDL License. The source code of jersey can be found at <https://github.com/jersey/jersey/>.

### Embedded Copyright: apache-log4j 1.2.16

This product includes software developed at

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

### Embedded Copyright: apache-log4j 2.11.2

This product includes software developed at

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

ResolverUtil.java

Copyright (c) 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright (c) 2004 Jason Paul Kitchen

TypeUtil.java

Copyright (c) 2021 Software AG, Darmstadt, Germany

Copyright (c) 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)

Copyright (c) 2017 Remko Popma

### Embedded Copyright: apache-mime4j 0.7.2

This product includes software developed at

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

### Embedded Copyright: apache-mina 2.0.7

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>). Please refer to each LICENSE.<component>.txt file for the license terms of the components that Apache MINA depends on. Message logging is provided by the SLF4J library package, which is open source software, written by Ceki Glc, and copyright by SLF4J.ORG and QOS.ch. The original software is available from <http://www.slf4j.org/> Data compression support is provided by the JZLib library package, which is open source software, written by JCraft, and copyright by JCraft. The original software is available from <http://www.jcraft.com/jzlib/> Spring framework is provided by the Spring framework library package, which is open source software, written by Rod Johnson et al, and copyright by Springframework.org. The original software is available from <http://www.springframework.org/> OGNL is provided by the OGNL library package, which is open source software, written by Drew Davidson and Luke Blanshard. The original software is available from <http://www.ognl.org/>

### Embedded Copyright: apache-xalan-j 2.7.2

Portions of this software was originally based on the following: - software copyright (c) 1999-2002, Lotus Development Corporation., <http://www.lotus.com>. - software copyright (c) 2001-2002, Sun Microsystems., <http://www.sun.com>. - software copyright (c) 2003, IBM Corporation., <http://www.ibm.com>. =====

The binary distribution package (ie. jars, samples and documentation) of this product includes software developed by the following: - The Apache Software Foundation - Xerces Java - see LICENSE.txt - JAXP 1.3 APIs - see LICENSE.txt - Bytecode Engineering Library - see LICENSE.txt - Regular Expression - see LICENSE.txt - Scott Hudson, Frank Flannery, C. Scott Ananian - CUP Parser

Generator runtime (javacup

untime) - see LICENSE.txt ===== The source distribution package (ie. all source and tools required to build Xalan Java) of this product includes software developed by the following: - The Apache Software Foundation - Xerces Java - see LICENSE.txt - JAXP 1.3 APIs - see LICENSE.txt - Bytecode Engineering Library - see LICENSE.txt - Regular Expression - see LICENSE.txt - Ant - see LICENSE.txt - Stylebook doc tool - see LICENSE.txt - Elliot Joel Berk and C. Scott Ananian - Lexical Analyzer Generator (JLex) - see LICENSE.txt

===== Apache Xerces Java Copyright 1999-2006 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>). Portions of Apache Xerces Java in xercesImpl.jar and xml-apis.jar were originally based on the following: - software copyright (c) 1999, IBM Corporation., <http://www.ibm.com>. - software copyright (c) 1999, Sun Microsystems., <http://www.sun.com>. - voluntary contributions made by Paul Eng on behalf of the Apache Software Foundation that were originally developed at iClick, Inc., software copyright (c) 1999.

===== Apache xml-commons xml-apis (redistribution of xml-apis.jar) Apache XML Commons Copyright 2001-2003,2006 The Apache Software Foundation. This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>). Portions of this software were originally based on the following: - software copyright (c) 1999, IBM Corporation., <http://www.ibm.com>. - software copyright (c) 1999, Sun Microsystems., <http://www.sun.com>. - software copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>

### Embedded Copyright: azul-zulujdk-ta00144 8.40

Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler

Copyright (c) 1995-2017 Mark Adler

Copyright (c) 1998 Thomas G. Lane

Copyright (c) 1998-2002,2004,2006-2018 Glenn Randers-Pehrson

Copyright (c) 1996-1997 Andreas Dilger

Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

Copyright (c) 1988 AT&T. All rights reserved.

Copyright (c) 2009-2013 Attila Szegedi

Copyright (c) 2014, 2015, 2016 Azul Systems, Inc.

Copyright (c) 2003 Bitstream, Inc. All Rights Reserved.

Copyright (c) 1999-2002 Brian Paul. All Rights Reserved.

Copyright (c) 2003-2005 Colin Percival. All rights reserved

Copyright (c) 1995 Colin Plumb. All rights reserved.

Copyright (c) 1999 CoolServlets.com.

Copyright (c) 2000-2003 Daisuke Okajima and Kohsuke Kawaguchi. All rights reserved.

Copyright (c) 1999-2004 David Corcoran <[corcoran@linuxnet.com](mailto:corcoran@linuxnet.com)>

Copyright (c) 1987, 1994, 1998 The Open Group

Copyright (c) 1987 Digital Equipment Corporation, Maynard, Massachusetts

Copyright (c) 1991-2003 Eastman Kodak Company

Copyright (c) 2011 Ecma International

Copyright (c) 1999 Entrust.net Limited

Copyright (c) 1997 Eric S. Raymond

Copyright (c) 2000-2011 France Tlcom. All rights reserved.

Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Copyright (c) 1989, 1991 Free Software Foundation, Inc.  
Copyright (c) 2001 - 2005 freebxml.org. All rights reserved.  
Copyright (c) 2007 GeoTrust Inc.  
Copyright (c) 2009 Google Inc. All Rights Reserved.  
Copyright (c) 2002 Graz University of Technology. All rights reserved.  
Copyright (c) 1994 Hewlett-Packard Co.  
Copyright (c) 1999 IBM Corp. All Rights Reserved.  
Copyright (c) 1996-2009 IBM Corp. and others. All rights reserved.  
Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.  
Copyright (c) 1997, 1998, 1999 International Business Machines. All Rights Reserved.  
Copyright (c) 1995-2010 International Business Machines Corporation and others. All rights reserved.  
Copyright (c) 1999-2002 The Apache Software Foundation. All rights reserved.  
Copyright (c) 1996-2000 Markus Oberhumer & Laszlo Molnar  
Copyright (c) 1996-2000 Laszlo Molnar  
Copyright (C) 1996-2000 Markus Franz Xavier Johannes Oberhumer  
Copyright (c) 1999 Lotus Development Corporation., <http://www.lotus.com>.  
Copyright (c) 1999-2004 Ludovic Rousseau <ludovic.rousseau (at) free.fr>. All rights reserved.  
Copyright (c) 1998-2017 Marti Maria Sagner  
Copyright (c) 1998 National Electronics and Computer Technology Center  
Copyright (c) 1996 Netscape Communications Corporation. All rights reserved.  
Copyright (c) 2004-2015 Paul R. Holser, Jr.  
Copyright (c) 2017 Red Hat, Inc. and/or its affiliates.  
Copyright (c) 2015 Red Hat, Inc.  
Copyright (c) 1996-1999 by Scott Hudson, Frank Flannery, C. Scott Ananian  
Copyright (c) 2012 Sparkle.org and Andy Matuschak  
Copyright (c) 2011-2012 Stephen Colebourne & Michael Nascimento Santos  
Copyright (c) 2001-2002 Sun Microsystems  
Copyright (c) 1996, 1997 Taligent, Inc. All Rights Reserved.  
Copyright (c) 2006 Tavmjong Bah. All Rights Reserved.  
Copyright (c) 2001-2003 Thai Open Source Software Center Ltd All  
Copyright (c) 2001-2004 The Apache Software Foundation or its licensors as applicable.  
Copyright (c) 1995-2000 The Cryptix Foundation Limited. All rights reserved.  
Copyright (c) 2007 The Khronos Group Inc.  
Copyright (c) 2018 The FreeType Project ([www.freetype.org](http://www.freetype.org)). All rights reserved.  
Copyright (c) 1998 by the FundsXpress, INC.  
Copyright (c) 1997 The Open Group Research Institute. All rights reserved.  
Copyright (c) 1982 The Royal Institute, Thai Royal Government.  
Copyright (c) 1994-2004 The XFree86 Project, Inc. All rights reserved.  
Copyright (c) 1991-1998 Thomas G. Lane. All Rights Reserved except as specified below.  
Copyright (c) 1991-2018 Unicode, Inc. All rights reserved.  
Copyright (c) 1998 VeriSign, Inc.  
Copyright (c) 2003 Wily Technology, Inc.  
Copyright (c) 2000-2004 World Wide Web Consortium  
Copyright (c) 1996 X Consortium

### **Embedded Copyright: azul-zulujdk-ta00144 8.41**

Copyright (c) 1999 - 2004 The Apache Software Foundation. All rights reserved  
Copyright (c) 1991 - 2013 Unicode, Inc. All rights reserved.  
Copyright (c) 1996 - 2009 IBM Corp. and others, - All Rights Reserved  
Copyright (c) 1996 - 1998 Taligent, Inc. All Rights Reserved  
Copyright (c) 2000, 2002, 2004 World Wide Web Consortium  
Copyright (c) 2000 - 2013 INRIA, France Telecom All rights reserved.  
Copyright (c) 1987, 1997 - 1998 The Open Group Research Institute. All rights reserved.  
Copyright (c) 2007 - 2013 Stephen Colebourne & Michael Nascimento Santos  
Copyright (c) 2009, 2013 by Oracle Corporation. All Rights Reserved.  
Copyright (c) 2011 Ecma International  
Copyright (c) 2002 Graz University of Technology. All rights reserved.  
Copyright (c) 1991 - 2003 Eastman Kodak Company  
Copyright (c) 1995 - 2010 International Business Machines Corporation and others  
Copyright (c) 1999 - 2006 The Apache Software Foundation or its licensors  
Copyright (c) 2001 - 2003, 2005, 2010 Thai Open Source Software Center Ltd  
Copyright (c) 1998 by the FundsXpress, INC.  
Copyright (c) 2003 Wily Technology, Inc.  
Copyright (c) 1998 - 1999, 2006 - 2008 VeriSign, Inc.  
Copyright (c) 1989, 1991, 1999 Free Software Foundation, Inc.  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Copyright (c) 2015, 2017 - 2018 Red Hat, Inc. and/or its affiliates. All rights reserved.  
Copyright (c) 2001 - 2005 - freebxml.org. All rights reserved.  
Copyright (c) 2004 - 2009 Paul R. Holser, Jr.  
Copyright (c) Bitstream  
Copyright (c) 1996 - 2000 Markus Franz Xavier Johannes Oberhumer  
Copyright (c) 1996 - 2000 Markus Oberhumer & Laszlo Molnar  
Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved.  
Copyright (c) 2009 - 2013 Attila Szegedi  
Copyright (c) 2000 - 2003 Daisuke Okajima and Kohsuke Kawaguchi.  
Copyright (c) 1998 - 2002, 2004, 2006 - 2018 Glenn Randers-Pehrson  
Copyright (c) 1995 - 2005 The Cryptix Foundation Limited.  
Copyright (c) 2007 - 2008 GeoTrust Inc.  
Copyright (c) 2006 - 2008 thawte, Inc.  
Copyright (c) 1993 - 2005, 2012 - 2013 &copy; IBM Corporation . All rights reserved.  
Copyright (c) 1998 National Electronics and Computer Technology Center  
Copyright (c) 2012 Sparkle.org and Andy Matuschak  
Copyright (c) 2009 Google Inc. All Rights Reserved.  
Copyright (c) Tavmjong Bah  
Copyright (c) 1987 by Digital Equipment Corporation, Maynard, Massachusetts  
Copyright (c) 1996 - 1999 by Scott Hudson, Frank Flannery, C. Scott Ananian  
Copyright (c) 1996 - 1997 Andreas Dilger  
Copyright (c) 1997 Eric S. Raymond  
Copyright (c) 1994 - 2004 The XFree86 Project, Inc. All rights reserved.  
Copyright (c) 1995 - 1996 Guy Eric Schalnat, Group 42, Inc.  
Copyright (c) 1999 - 2004 David Corcoran <corcoran@linuxnet.com>  
Copyright (c) 2019 The FreeType  
Copyright (c) 1994 Hewlett-Packard Co.  
Copyright (c) 2006 by Tavmjong Bah. All Rights Reserved.  
Copyright (c) 1982 The Royal Institute, Thai Royal Government.  
Copyright (c) 1999 - 2004 Ludovic Rousseau <ludovic.rousseau (at) free.fr>  
Copyright (c) 1999 - 2002 Brian Paul All Rights Reserved.  
Copyright (c) 1999 by CoolServlets.com.  
Copyright (c) 2003 - 2005 Colin Percival  
Copyright (c) 2007 The Khronos Group Inc.  
Copyright (c) 1996 X Consortium  
Copyright (c) 2000 - 2011 France Telecom  
Copyright (c) 1995 - 2017 Jean-loup Gailly and Mark Adler  
Copyright (c) 1998 - 2017 Marti Maria Saguer  
Copyright (c) 1996 Netscape Communications Corporation. All rights reserved.  
Copyright (c) 2018 SAP SE. All rights reserved.  
Copyright (c) 1988 AT&T  
Copyright (c) 1999 Lotus  
Copyright (c) 1995 Colin Plumb. All rights reserved.  
Copyright (c) 1997 by Sun Microsystems, Inc. Copyright (c) 1999 - 2004 The Apache Software Foundation. All rights reserved  
Copyright (c) 1991 - 2013 Unicode, Inc. All rights reserved.  
Copyright (c) 1996 - 2009 IBM Corp. and others, - All Rights Reserved  
Copyright (c) 1996 - 1998 Taligent, Inc. All Rights Reserved  
Copyright (c) 2000, 2002, 2004 World Wide Web Consortium  
Copyright (c) 2000 - 2013 INRIA, France Telecom All rights reserved.  
Copyright (c) 1987, 1997 - 1998 The Open Group Research Institute. All rights reserved.  
Copyright (c) 2007 - 2013 Stephen Colebourne & Michael Nascimento Santos  
Copyright (c) 2009, 2013 by Oracle Corporation. All Rights Reserved.  
Copyright (c) 2011 Ecma International  
Copyright (c) 2002 Graz University of Technology. All rights reserved.  
Copyright (c) 1991 - 2003 Eastman Kodak Company  
Copyright (c) 1995 - 2010 International Business Machines Corporation and others  
Copyright (c) 1999 - 2006 The Apache Software Foundation or its licensors  
Copyright (c) 2001 - 2003, 2005, 2010 Thai Open Source Software Center Ltd  
Copyright (c) 1998 by the FundsXpress, INC.  
Copyright (c) 2003 Wily Technology, Inc.  
Copyright (c) 1998 - 1999, 2006 - 2008 VeriSign, Inc.  
Copyright (c) 1989, 1991, 1999 Free Software Foundation, Inc.  
Copyright (c) 2015, 2017 - 2018 Red Hat, Inc. and/or its affiliates. All rights reserved.  
Copyright (c) 2001 - 2005 - freebxml.org. All rights reserved.  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Copyright (c) 2004 - 2009 Paul R. Holser, Jr.  
Copyright (c) Bitstream  
Copyright (c) 1996 - 2000 Markus Franz Xavier Johannes Oberhumer  
Copyright (c) 1996 - 2000 Markus Oberhumer & Laszlo Molnar  
Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved.  
Copyright (c) 2009 - 2013 Attila Szegedi  
Copyright (c) 2000 - 2003 Daisuke Okajima and Kohsuke Kawaguchi.  
Copyright (c) 1998 - 2002, 2004, 2006 - 2018 Glenn Randers-Pehrson  
Copyright (c) 1995 - 2005 The Cryptix Foundation Limited.  
Copyright (c) 2007 - 2008 GeoTrust Inc.  
Copyright (c) 2006 - 2008 thawte, Inc.  
Copyright (c) 1993 - 2005, 2012 - 2013 &copy; IBM Corporation . All rights reserved.  
Copyright (c) 1998 National Electronics and Computer Technology Center  
Copyright (c) 2012 Sparkle.org and Andy Matuschak  
Copyright (c) 2009 Google Inc. All Rights Reserved.  
Copyright (c) Tavmjong Bah  
Copyright (c) 1987 by Digital Equipment Corporation, Maynard, Massachusetts  
Copyright (c) 1996 - 1999 by Scott Hudson, Frank Flannery, C. Scott Ananian  
Copyright (c) 1996 - 1997 Andreas Dilger  
Copyright (c) 1997 Eric S. Raymond  
Copyright (c) 1994 - 2004 The XFree86 Project, Inc. All rights reserved.  
Copyright (c) 1995 - 1996 Guy Eric Schalnat, Group 42, Inc.  
Copyright (c) 1999 - 2004 David Corcoran <corcoran@linuxnet.com>  
Copyright (c) 2019 The FreeType  
Copyright (c) 1994 Hewlett-Packard Co.  
Copyright (c) 2006 by Tavmjong Bah. All Rights Reserved.  
Copyright (c) 1982 The Royal Institute, Thai Royal Government.  
Copyright (c) 1999 - 2004 Ludovic Rousseau <ludovic.rousseau (at) free.fr>  
Copyright (c) 1999 - 2002 Brian Paul All Rights Reserved.  
Copyright (c) 1999 by CoolServlets.com.  
Copyright (c) 2003 - 2005 Colin Percival  
Copyright (c) 2007 The Khronos Group Inc.  
Copyright (c) 1996 X Consortium  
Copyright (c) 2000 - 2011 France Telecom  
Copyright (c) 1995 - 2017 Jean-loup Gailly and Mark Adler  
Copyright (c) 1998 - 2017 Marti Maria Saguer  
Copyright (c) 1996 Netscape Communications Corporation. All rights reserved.  
Copyright (c) 2018 SAP SE. All rights reserved.  
Copyright (c) 1988 AT&T  
Copyright (c) 1999 Lotus  
Copyright (c) 1995 Colin Plumb. All rights reserved.  
Copyright (c) 1997 by Sun Microsystems, Inc.

**Embedded Copyright: azul-zulujdk-ta00144 8.44**

Robert G. Field  
Jeff Dinkins  
Tim Bell  
Robert Field  
Marek Potociar marek.potociar at sun.com  
Lori Brownell loribr@microsoft.com K.D. Chang a-kchang@microsoft.com General  
Kohsuke Kawaguchi  
authorization from the Gnome Foundation or Bitstream Inc.  
the Apache Software Foundation <http://www.apache.org/>  
freebxml.org <http://www.freebxml.org/>  
Daisuke Okajima and Kohsuke Kawaguchi <http://relaxngcc.sf.net/>  
John R. Hauser  
The XFree86 Project, Inc <http://www.xfree86.org/>  
authorization from The Open Group  
Pavel Porvatov  
Steve Wilson  
Alexander Kouznetsov  
Michael C. Albers  
the JavaSoft + Look & Feel Team Michael Albers Tom Santos  
Scott Violet  
Timothy Prinzing  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Philip Milne  
Mandy Chung  
Xueming Shen, Rajendra Gutupalli, Jaya Hangal  
Sami Shaio  
Andrey Nazarov  
Mark Reinhold  
Brad R. Wetmore  
Arthur van Hoff  
Chris Warth  
Amy Fowler  
Tim Prinzing  
Carl Quinn  
John Rose  
Arnaud Weber  
David Mendenhall  
Marianne Mueller  
Roland Schemers  
Jim Graham  
Michael Martak  
kdm@sparc.spb.su  
Armin Chen  
George Zhang  
Fred Ecks  
Thomas Ball  
Parry Kejriwal  
Doug Stein  
Bill Spitzak  
Jonni Kanerva  
Nicholas Talian, Vincent Hardy, Jim Graham, Jerry Evans  
Roman Poborchiy  
Herb Jellinek  
Robi Khan  
Anton Tarasov, Artem Ananiev  
Oleg Semenov  
Bino George  
Denis Mikhalkin  
Sharon Zakhour  
Anton Tarasov  
Alexander Gerasimov  
Blake Sullivan  
Laurence P. G. Cable  
Jeff Dunn  
JavaSoft Asia/Pacific  
Norbert Lindenberg  
Andrei Dmitriev  
Brent Christian  
Georges Saab  
Charlton Innovations, Inc.  
John Raley  
JavaSoft International  
Garth Dickie  
Thomas DeWeese  
Daniel Rice  
Sergey A. Malenkov  
Mark Davidson  
Hans Muller  
Steve Langley  
Sergey Malenkov  
Asmus Freytag  
Frank Yellin  
Jonathan Payne  
Mike Warres  
Roger Riggs  
James Gosling  
Copyright (c) 2021 Software AG, Darmstadt, Germany



David Connelly  
Joe Fialli  
Ken Arnold  
Michael McCloskey  
Martin Buchholz  
Ulf Zibis  
Josh Bloch  
John Rose, JSR  
Nakul Saraiya  
Joseph D. Darcy  
Lee Boynton  
Guy Steele  
Akira Tanaka  
Mike McCloskey  
Neal Gafter  
Josh Bloch and Doug Lea  
Remi Forax, JSR  
Kenneth Russell  
Peter Jones  
Peter Levart  
Mike Cowlshaw  
Sergey V. Kuksenkov  
Alan Eliassen  
Timothy Bukt  
Pavani Diwanji  
Steven B. Byrne  
Bill Foote  
Yingxian Wang  
Edward Wang  
Benjamin Renaud  
Michael McMahon  
Jean-Christophe Collet  
David Brown  
Mark Chamness  
JSR-51 Expert Group  
Ann Wollrath  
Laird Dornin  
Li Gong  
Jan Luehe  
Vincent Ryan  
Gary Ellison  
Andreas Sterbenz  
Satish Dharmaraj  
Hemma Prafullchandra  
Yassir Elley  
Sean Mullan, Steve Hanna  
Anne Anderson  
Valerie Peng  
Masayoshi Okutsu  
Mark Davis  
Laura Werner, Richard Gillam  
Chen-Lieh Huang  
Mark Davis, Alan Liu  
Mark Davis, Helena Shih  
Doug Lea  
Josh Bloch of Google Inc.  
Vladimir Yaroslavskiy  
Jon Bentley  
Iris Clark  
David Goldsmith, Mark Davis, Chen-Lieh Huang, Alan Liu  
Josh Bloch  
Doug Lea and Martin Buchholz  
Doug Lea and Bill Scherer and Michael Scott  
Kumar Srinivasan  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Ron Mann  
Josh Bloch and Mark Reinhold  
Hong Zhang  
David R Tribble david@tribble.com  
Dave Bristor  
Peter Korn  
Willie Walker  
Lynn Monsanto  
Gigi Ankney  
Sharon Liu  
Rosanna Lee  
Scott Seligman  
R. Vasudevan  
Aravindan Ranganathan  
David Brownell  
Nathan Abramson  
Phil Race, Alan Kaminsky  
Robert Herriot  
Mike Grogan  
A. Sundararajan  
Mayank Upadhyay  
Rob Weltman  
Kara Kytle  
David Rivas  
Florian Bomers  
Matthias Pfisterer  
Kevin P. Smith  
Jonathan Bruce  
Jonathan Bruce, Amit Handa  
Lance Andersen  
Dave Moore  
David Kloba  
Alan Chung  
Shannon Hickey  
Dave Karlton  
Tom Santos  
Tomas Pavek  
Jan Stola  
David Karlton  
Dave Brown  
the JDesktopPane  
Rich Schiavi  
Alexander Potochkin  
Kathy Walrath  
Jeff Shapiro  
Rich Shiavi  
Rob Davis  
Ray Ryan  
Joe Winchester  
Ralph Kar  
Igor Kushnirskiy  
Chester Rose  
Fredrik Lagerblad  
Brian Beck  
Terry Kellerman  
Otto Multey  
Jasper Potts  
Richard Bair  
Leif Samuelsson  
Joshua Outwater  
Sunita Mani  
Sergey Groznyh  
Denis Sharypov  
Sara Swanson  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Jill Nakata  
Arthur Van Hoff  
the Swing team  
Joyce Leung  
Erwin van der Koogh  
Joyce L. Leung  
Eric Bruneton  
Eugene Kuleshov  
Remi Forax  
Chris Nokleberg  
Juoas Baliuka  
Prashant Deva  
Niko Matsakis  
Rajendra Inamdar, Vishal Vishnoi  
Adrian Sampson  
Thomas Hallgren  
Bing Ran  
David Megginson  
Joe Wang  
Staffan Larsen  
Arthur van Hoff, Kara Kytle  
Koji Uno  
Jan Borgersen  
Arthur van Hoff, Thomas Ball  
Chet Haase  
Petr Pchelko  
Artem Ananiev  
Eric Hawkes  
Danila Sinopalnikov  
Lawrence P.G. Cable  
Mario Torre neugens@aicas.com  
Brian Doherty  
Sun Microsystems, Inc.  
Chuck McManis  
Stanley Man-Kit Ho  
Peter King  
Jerome Dochez  
Zhenghua Li  
Michael Colburn  
Chris Hegarty  
Sheng Liang  
Bill Shannon  
Patrick Chan  
John R. Rose  
Steve Byrne  
Ram Viswanadha  
Syn Wee Quek  
Jeff Nisewanger  
Stephen R. Pietrowicz NCSA  
Jon Payne  
weijun.wang@sun.com  
Xuelel Fan  
Richard Blanchard  
Chris Campbell  
Bryan Atsatt  
Peter Jones, Bryan Atsatt  
Ram Marti  
Seema Malkani  
Yu-Ching Valerie Peng  
Yanni Zhang  
Dave Brownell  
Douglas Hoover  
Amit Kapoor  
Karl Scheibelhofer Karl.Scheibelhofer@iaik.at  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Martin Schlaeffer [schlaeff@sbox.tugraz.at](mailto:schlaeff@sbox.tugraz.at)  
Gadi Guy  
the National Institute of Standards and Technology  
Seth Proctor  
Brad Wetmore  
Martin Balao [mbalao@redhat.com](mailto:mbalao@redhat.com)  
D. N. Hoover  
Simon Montagu, Matitahu Allouche  
Markus W. Scherer  
M. Davis  
Naoto Sato  
Helena Shih, Mark Davis  
Richard Gillam  
Eamonn McManus  
Gigi Ankeny  
Gordon Hirsch  
James McIlree  
Swamy Venkataramanappa  
Jim Holmlund  
Karl Helgason  
Arthur van Hoff, Kara Kytte, Jan Borgersen  
Alex Menkov  
A HREF <http://www.gentleware.com>  
Dr. Harold Carr  
Arun Gupta

**Embedded Copyright: azul-zulujdk-ta00144 8.46**

Marek Potociar ([marek.potociar@sun.com](mailto:marek.potociar@sun.com))  
Lori Brownell K.D. Chang General  
authorization from the GNOME Foundation or Bitstream Inc.  
[freebxml.org](http://www.freebxml.org/) (<http://www.freebxml.org/>)  
Daisuke Okajima and Kohsuke Kawaguchi (<http://relaxngcc.sf.net/>)  
John R. Hauser  
The XFree86 Project, Inc (<http://www.xfree86.org/>)  
authorization from The XFree86 Project, Inc.  
authorization from The Open Group

**Embedded Copyright: azul-zulujdk-ta00144 8.47**

the JavaSoft Look & Feel Team Michael Albers Tom Santos Jeff Shapiro Steve Wilson MetalworksPrefs MetalworksInBox  
Robert G. Field  
Jeff Dinkins  
Tim Bell  
Robert Field  
Marek Potociar ([marek.potociar@sun.com](mailto:marek.potociar@sun.com))  
Lori Brownell <[loribr@microsoft.com](mailto:loribr@microsoft.com)> K.D. Chang <[a-kchang@microsoft.com](mailto:a-kchang@microsoft.com)> General  
Kohsuke Kawaguchi  
authorization from the Gnome Foundation or Bitstream Inc.  
authorization from the GNOME Foundation or Bitstream Inc.  
the Apache Software Foundation (<http://www.apache.org/>)  
[freebxml.org](http://www.freebxml.org/) (<http://www.freebxml.org/>)  
Daisuke Okajima and Kohsuke Kawaguchi (<http://relaxngcc.sf.net/>)  
me, John R. Hauser  
The XFree86 Project, Inc (<http://www.xfree86.org/>)  
authorization from The XFree86 Project, Inc.  
authorization from The Open Group  
Brian Beck  
Pavel Porvatov  
Steve Wilson  
Alexander Kouznetsov  
Michael C. Albers  
the JavaSoft + Look & Feel Team Michael Albers Tom Santos  
Scott Violet  
Timothy Prinzing  
Philip Milne  
Mandy Chung

Xueming Shen  
Xueming Shen, Rajendra Gutupalli, Jaya Hangal  
Xueming Shen, Rajendra  
Sami Shaio  
in How  
Andrey Nazarov  
Sun Microsystems  
Mark Reinhold  
Brad R. Wetmore  
shih-chang.chen@oracle.com  
Miroslav Kos (miroslav.kos at oracle.com)  
Jitendra Kotamraju  
Vivek Pandey  
miroslav.kos@oracle.com  
Eamonn McManus  
Sergey Malenkov  
Sergey A. Malenkov  
Bhakti Mehta (bhakti.mehta@sun.com)  
Kohsuke Kawaguchi (kohsuke.kawaguchi@sun.com)  
Jonas von Malottki  
Bhakti Mehta (Bhakti.Mehta@sun.com)  
Ryan.Shoemaker@Sun.COM  
Rohit Garg  
Ken Cavanaugh  
Hemanth Puttaswamy  
Anita Jindal  
Harold Carr  
Ram Jeyaraman  
Stephen Lewallen  
Roger Riggs  
JDK ORBs  
Roland Schemers  
Jeff Nisewanger  
Doug Lea  
Charlie Hunt  
SelectorThread CorbaMessageMediator  
M. Mortazavi  
Valerie Peng  
Andreas Sterbenz  
Jan Luehe  
David Brownell  
Gigi Ankeny  
Sharon Liu  
Sean Mullan  
Martin Grebac  
WS Development Team  
Marek Potociar  
Fabian Ritzmann  
Lukas Jungmann  
Vincent Ryan  
Zhengyu Gu  
Josh Outwater  
Leif Samuelsson  
Joshua Outwater  
Shannon Hickey  
Amy Fowler  
Rich Schiavi  
Georges Saab  
Arnaud Weber  
Thomas Ball  
David Kloba  
Dave Kloba  
Tom Ball  
Jeff Shapiro  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Hans Muller  
Igor Kushnirskiy  
Tom Santos  
Mark Davidson  
John Rose  
Kumar Srinivasan  
Frank Flannery  
Chris Harris <ckharris@ucsd.edu>  
David MacMahon <davidm@smartsc.com>  
Mahmood Ali  
Scott Seligman  
Kaiyang Liu  
Atul M Dambalkar  
Joe Fialli  
Neal M Gafter  
Gordon Hirsch  
James McIlree  
Swamy Venkataramanappa  
Jim Holmlund  
Raj Krishnamurthy  
Rosanna Lee  
Jagane Sundar  
Bill Shannon  
Xuelel Fan  
Jon Ruiz  
Simon Nash  
Bryan Atsatt  
Paul Hohensee  
Kara Kytle  
David Rivas  
Matthias Pfisterer  
Florian Bomers  
Jan Borgersen  
Karl Helgason  
Arthur van Hoff, Kara Kytle, Jan Borgersen  
Alex Menkov  
Marianne Mueller  
Brad Wetmore  
<A HREF <http://www.inf.fu-berlin.de/~ehaase/>> E. Haase  
<A HREF <http://www.inf.fu-berlin.de/~ehaase/>> Enver Haase  
<A HREF <http://www.vmeng.com/beard/>> Patrick C. Beard  
Konstantin Shagin <konst@cs.technion.ac.il>  
David Dixon-Peugh  
<A HREF <http://www.berlin.de/~markus.dahm/>> M. Dahm  
Huizhe Wang, Oracle  
Joe Wang Oracle Corp.  
Shane\_Curcuru@us.ibm.com  
W. Eliot Kimber (eliot@isogen.com)  
Santiago Pericas-Geertsen  
Jacek Ambroziak  
Morten Jorgensen  
Joseph Kesselman  
G. Todd Miller  
G Todd Miller  
Erwin Bolwidt <ejb@klomp.org>  
Todd Miller  
Gunnlaugur Briem <gthb@dimon.is>  
John Howard <JohnH@schemasoft.com>  
Morten Jorensen  
Morten Jorgensen <morten.jorgensen@sun.com>  
John Howard (johnh@schemasoft.com)  
Douglas Sellers <douglasjsellers@hotmail.com>  
John Howard, JohnH@schemasoft.com  
Sunitha Reddy  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Huizhe Wang  
Suresh Kumar  
Padmaja Vedula  
G. Todd Millerj  
Jochen Cordes <Jochen.Cordes@t-online.de>  
Arnaud Le Hors, IBM  
Joe Kesselman, IBM  
Andy Clark, IBM  
Ralf Pfeiffer, IBM  
Neil Delima, IBM  
Elena Litani, IBM  
Neeraj Bajaj, Sun Microsystems  
Gopal Sharma, SUN Microsystems Inc.  
Sandy Gao, IBM  
Neeraj Bajaj, Sun Microsystems, inc.  
Arun Yadav  
Gopal Sharma, Sun Microsystems  
Michael Glavashevich, IBM  
Neeraj Bajaj, neeraj.bajaj@sun.com  
K.Venugopal@sun.com  
Sunitha Reddy, sunitha.reddy@sun.com  
Glenn Marcy, IBM  
Eric Ye, IBM  
Neil Graham, IBM  
Sunitha Reddy, Sun Microsystems  
Neeraj Bajaj SUN Microsystems  
K.Venugopal SUN Microsystems  
Sunitha Reddy, SUN Microsystems  
Joe Wang, Sun Microsystems  
Sunitha Reddy SUN Microsystems  
Ankit Pasricha, IBM  
Venugopal Rao K, Sun Microsystems  
Joe Wang  
Neeraj Bajaj Sun Microsystems, Inc.  
Sunitha Reddy Sun Microsystems, Inc.  
Jeffrey Rodriguez, IBM  
Neil Graham  
Jeffrey Rodriguez IBM  
Jeffrey Rodriguez  
Sandy Gao  
Elena Litani  
Len Berman  
Khaled Noaman, IBM  
Gopal Sharma, SUN Microsystem Inc.  
TAMURA Kent <kent@trl.ibm.co.jp>  
Elena Litani IBM  
Sandy Gao IBM  
Andy Clark IBM  
Rahul Srivastava, Sun Microsystems Inc.  
Neeraj Bajaj, SUN Microsystems  
Neeraj Bajaj  
Pavani Mukthipudi, Sun Microsystems Inc.  
Elena Litani, Lisa Martin  
Jack Z. Wang, IBM  
Neeraj Bajaj, Sun Microsystems Inc.  
Lisa Martin, IBM  
Pavani Mukthipudi, Sun Microsystems  
Neeraj Bajaj, Sun Microsystems, Inc.  
Henry Zongaro, IBM  
Rajiv Mordani  
Edwin Goei  
Peter McCracken, IBM  
John Kim, IBM  
Gopal Sharma, SUN MicroSystems Inc.  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Ramesh Mandava, Sun Microsystems  
TAMURA Kent, IBM  
Andy Clark  
Santiago.PericasGeertsens@sun.com  
Naela Nissar, IBM  
Arun Yadav, Sun Microsystems Inc.  
Joe Wang, Oracle  
Scott Boag  
Norman Walsh  
Stefan Wachter  
John Cowan  
Raul Benito  
Gervase Markham <gerv@gerv.net>  
Patrick Higgins <phiggins@transzap.com>  
Mikael Staldal <d96-mst@d.kth.se>  
Anupam Bagchi <abagchi@jtcsv.com>  
Mike Dusseault <mdusseault@home.com>  
Lowell Vaughn <lvaughn@agillion.com>  
David Blondeau (blondeau@intalio.com)  
Arun Yadav, Sun Microsystems  
Eric SCHAEFFER <eschaeffer@posterconseil.com>  
Mikael Staldal <d96-mst-ingen-reklam@d.kth.se>  
Lars Martin <lars@smb-tec.com>  
shane\_curcuru@us.ibm.com  
Igor Hersht, igorh@ca.ibm.com  
Joe Kesselman  
Ramesh Mandava  
Ilc  
Prashanth Abbagani  
Jennifer Chou  
Sreenivas Munnangi  
LLoyd Chambers  
<A HREF <http://www.gentleware.com>'>  
Dr. Harold Carr  
Arun Gupta  
Ann Wollrath  
Jonathan Bruce, Amit Handa  
Amit Handa  
Amit Handa, Jonathan Bruce  
Lance Andersen  
Jonathan Bruce  
Ram Marti  
Jonathan Gibbons  
Maurizio Cimadamore  
Larry K. Raper  
Jamie Ho  
Bhavesh Patel  
Doug Kramer  
Atul Dambalkar  
Benedict Gomes  
Bill Foote  
A. Sundararajan  
Bhakti Mehta  
Peter von der Ahe  
Kohsuke Kawaguchi (kk@kohsuke.org)  
David Megginson, sax@megginson.com  
David Megginson  
Kathy Walsh, Vivek Pandey  
Kohsuke Kawaguchi, Vivek Pandey  
JAX-WS Development Team  
Rama Pulavarthi  
Kohsuke Kawaguchi (kohsuke.kawaguchi@sun.com) Vivek Pandey  
Jakub Podlesak (jakub.podlesak at sun.com)  
Martin Grebac (martin.grebac@sun.com)  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Ben Tomasini (ben.tomasini@gmail.com)  
Ryan Shoemaker  
Kohsuke Kawaguchi (kohsuke.kawaguchi@sun.com), Martin Grebac (martin.grebac@oracle.com)  
Kohsuke Kawaguchi (kohsuke.kawaguchi@sun.com), Martin Grebac  
Ryan Shoemaker (ryan.shoemaker@sun.com)  
Peter von der Ah  
Charles Turner  
Per Bothner  
Neal Gafter  
Sucheta Dambalkar  
Ryan Shoemaker, Martin Grebac  
David Megginson, david@meggins.com  
Roman Grigoriadi (roman.grigoriadi@oracle.com)  
Kohsuke Kawaguchi, Sun Microsystems, Inc.  
Iaroslav Savytskyi  
Paul.Sandoz@Sun.Com  
Paul Sandoz  
Kohsuke Kawaguchi, Martin Grebac  
Janet Koenig  
Kohsuke KAWAGUCHI  
FastInfoSet team  
Alexey Stashok  
Alan Hudson  
Anil Vijendran (akv@eng.sun.com)  
Rajiv Mordani (rajiv.mordani@sun.com)  
Manveen Kaur (manveen.kaur@sun.com)  
Anil Vijendran (anil@sun.com)  
John Mani  
Max Spivak  
Ana Lindstrom-Tamer  
Phil Goodwin (phil.goodwin@sun.com)  
SAAJ RI Development Team  
Anil Vijendran  
JAX-RPC RI Development Team  
Paul.Sandoz@sun.com  
Manveen Kaur (manveen.kaur@eng.sun.com)  
Panos Kougouris (panos@acm.org)  
Panos Kougouris panos@acm.org  
Jitendra Kotamraju, Martin Grebac  
k.venugopal@sun.com  
Neeraj.bajaj@sun.com  
Neeraj Bajaj Sun Microsystems  
Neeraj.bajaj@sun.com, k.venugopal@sun.com  
Neeraj Bajaj, k.venugopal@sun.com  
Binu.John@sun.com  
K.Venugopal, Neeraj Bajaj Sun Microsystems  
Santiago.Pericas-Geertsens@sun.com  
Sunitha.Reddy@sun.com  
Neeraj Bajaj Sun Microsystems, inc.  
Rama.Pulavarthi@sun.com  
link BindingID createBinding()  
ondrej.cerny@oracle.com  
Kathy Walsh  
Bob Naugle  
JAXWS Development Team  
link StatefulWebServiceManager  
Jakub Podlesak (japod at sun.com)  
WS Development team  
shih-chang.chen@oracle.com, miroslav.kos@oracle.com  
WS Development Team  
Eric Bruneton  
Eugene Kuleshov  
Chris Nokleberg  
Fabian Ritzmann, Marek Potociar  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Marek Potociar (marek.potociar@sun.com)  
Marek Potociar, Jakub Podlesak  
Kohsuke Kawaguchi  
Doug Kohlert  
Kirill Grouchnikov (kirillcool@yahoo.com)  
Kirill Grouchnikov  
Ryan Shoemaker, Sun Microsystems, Inc.  
Arthur van Hoff  
Chris Warth  
Tim Prinzing  
Carl Quinn  
David Mendenhall  
Jim Graham  
Michael Martak  
kdm@sparc.spb.su  
Laura Werner, IBM  
Armin Chen  
George Zhang  
Fred Ecks  
Parry Kejriwal  
Doug Stein  
Bill Spitzak  
Jonni Kanerva  
the Toolkit and Component  
Nicholas Talian, Vincent Hardy, Jim Graham, Jerry Evans  
Roman Poborchiy  
Herb Jellinek  
Robi Khan  
Anton Tarasov, Artem Ananiev  
Oleg Semenov  
Bino George  
Denis Mikhalkin  
Sharon Zakhour  
Anton Tarasov  
Alexander Gerasimov  
Blake Sullivan  
Laurence P. G. Cable  
Jeff Dunn  
jeff.dunn@eng.sun.com  
JavaSoft Asia/Pacific  
Norbert Lindenberg  
Andrei Dmitriev  
Brent Christian  
Charlton Innovations, Inc.  
John Raley  
JavaSoft International  
Garth Dickie  
Thomas DeWeese  
Daniel Rice  
Steve Langley  
Asmus Freytag  
Frank Yellin  
Pavani Diwanji  
Jonathan Payne  
Mike Warres  
James Gosling  
David Connelly  
Ken Arnold  
Michael McCloskey  
Martin Buchholz  
Ulf Zibis  
Josh Bloch  
John Rose, JSR  
Nakul Saraiya  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Joseph D. Darcy  
Lee Boynton  
Guy Steele  
Akira Tanaka  
Mike McCloskey  
Josh Bloch and Doug Lea  
Joshua Bloch  
Mario Wolczko and Ross Knippel  
Konstantin Kladko  
Volker Simonis  
Remi Forax, JSR  
Kenneth Russell  
Peter Jones  
Peter Levart  
Mike Cowlshaw  
Sergey V. Kuksenkov  
Alan Eliassen  
Timothy Bukt  
Steven B. Byrne  
Yingxian Wang  
Edward Wang  
Benjamin Renaud  
Chris Hegarty  
Michael McMahon  
Jean-Christophe Collet  
David Brown  
Mark Chamness  
JSR-51 Expert Group  
Laird Dornin  
Li Gong  
Gary Ellison  
Satish Dharmaraj  
Hemma Prafullchandra  
Yassir Elley  
Steve Hanna  
Sean Mullan, Steve Hanna  
Anne Anderson  
the ResultSet . Blob , Clob or NClob  
Masayoshi Okutsu  
Mark Davis  
Helena Shih, Laura Werner, Richard Gillam  
Helena Shih  
Mark Davis, Chen-Lieh Huang, Alan Liu  
Chen-Lieh Huang  
Alan Liu  
Mark Davis, Alan Liu  
Mark Davis, Helena Shih  
Josh Bloch of Google Inc.  
Mark Davis, David Goldsmith, Chen-Lieh Huang, Alan Liu  
Doug Lea and Josh Bloch  
Vladimir Yaroslavskiy  
Jon Bentley  
Iris Clark  
David Goldsmith, Mark Davis, Chen-Lieh Huang, Alan Liu  
Josh Bloch, Doug Lea  
Doug Lea and Martin Buchholz  
Doug Lea, Bill Scherer, and Michael Scott  
Doug Lea and Bill Scherer and Michael Scott  
Ron Mann  
Josh Bloch and Mark Reinhold  
Hong Zhang  
David R Tribble (david@tribble.com)  
Dave Bristol  
Peter Korn  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Willie Walker  
Lynn Monsanto  
Bart Calder  
Gigi Ankney  
IBM Corp.  
the Relation Service  
Relation Service  
R. Vasudevan  
Aravindan Ranganathan  
Nathan Abramson  
Alan Kaminsky  
Phil Race  
Alan Kamihensky  
Phil Race, Alan Kaminsky  
Robert Herriot  
Mike Grogan  
the ScriptEngineManager  
Mayank Upadhyay  
Rob Weltman  
Kevin P. Smith  
Dave Moore  
Alan Chung  
Dave Karlton  
Tomas Pavek  
Jan Stola  
David Karlton  
Dave Brown  
the JDesktopPane  
Alexander Potochkin  
Kathy Walrath  
Rich Shiavi  
Rob Davis  
Ray Ryan  
Joe Winchester  
Ralph Kar  
Chester Rose  
Fredrik Lagerblad  
Terry Kellerman  
Otto Multey  
Jasper Potts  
Richard Bair  
Sunita Mani  
Sergey Groznyh  
Denis Sharypov  
Sara Swanson  
Jill Nakata  
Arthur Van Hoff  
the Swing team  
Kohsuke Kawaguchi (kohsuke.kawaguchi@sun.com) Joseph Fialli  
Sekhar Vajjhala, Sun Microsystems, Inc. Joe Fialli, Sun Microsystems Inc. Kohsuke Kawaguchi, Sun Microsystems, Inc.  
Ryan Shoemaker, Sun Microsystems, Inc. Kohsuke Kawaguchi, Sun Microsystems, Inc. Joe Fialli, Sun Microsystems, Inc.  
Kohsuke Kawaguchi, Joe Fialli  
Kohsuke Kawaguchi, Sun Microsystems, Inc. Ryan Shoemaker, Sun Microsystems, Inc. Joe Fialli, Sun Microsystems, Inc.  
Ryan Shoemaker, Sun Microsystems, Inc. Joe Fialli, Sun Microsystems, Inc.  
Sekhar Vajjhala, Sun Microsystems, Inc.  
Kohsuke Kawaguchi, Sun Microsystems, Inc. Sekhar Vajjhala, Sun Microsystems, Inc.  
Kohsuke Kawaguchi, Sun Microsystems, Inc. Sekhar Vajjhala, Sun Microsystems, Inc.  
Joseph Fialli  
Sekhar Vajjhala, Sun Microsystems Inc. Kohsuke Kawaguchi, Sun Microsystems Inc.  
Marc Hadley  
Joyce Leung  
Erwin van der Koogh  
Joyce L. Leung  
Huizhe.Wang@oracle.com  
Copyright (c) 2021 Software AG, Darmstadt, Germany

XWS-Security Development Team  
a SOAPFactory . Callers  
Remi Forax  
Juozas Baliuka  
Prashant Deva  
Niko Matsakis  
Rajendra Inamdar, Vishal Vishnoi  
Adrian Sampson  
Thomas Hallgren  
Bing Ran  
Staffan Larsen  
RIP Team  
calling DocumentTraversal .createNodeIterator()  
Edwin Goei, edwingo@apache.org  
David Brownell, dbrownell@users.sourceforge.net  
Edwin Goei, David Brownell  
David Megginson, David Brownell  
Arthur van Hoff, Kara Kytle  
Koji Uno  
Arthur van Hoff, Thomas Ball  
Chet Haase  
Azul Systems, Inc.  
Petr Pchelko  
Artem Ananiev  
Eric Hawkes  
Danila Sinopalnikov  
Lawrence P.G. Cable  
Costantino Cerbo (c.cerbo@gmail.com)  
Valeriy Ushakov  
Clemens Eisserer  
Mario Torre <neugens@aicas.com>  
Brian Doherty  
Sun Microsystems, Inc.  
Chuck McManis  
Stanley Man-Kit Ho  
Peter King  
Jerome Dochez  
Zhenghua Li  
Michael Colburn  
Sheng Liang  
Patrick Chan  
John R. Rose  
Steve Byrne  
Ram Viswanadha  
Syn Wee Quek  
Stephen R. Pietrowicz (NCSA)  
Jon Payne  
weijun.wang@sun.com  
Richard Blanchard  
Chris Campbell  
Peter Jones, Bryan Atsatt  
Everett Anderson  
Steve Newberry, Bryan Atsatt  
Seema Malkani  
Yu-Ching Valerie Peng  
Yanni Zhang  
Dave Brownell  
Douglas Hoover  
Amit Kapoor  
Karl Scheibelhofer <Karl.Scheibelhofer@iaik.at>  
Martin Schlaeffer <schlaeff@sbox.tugraz.at>  
Gadi Guy  
the National Institute of Standards and Technology  
Seth Proctor  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Martin Balao (mbalao@redhat.com)

D. N. Hoover

Simon Montagu, Matitahu Allouche

Markus W. Scherer

M. Davis

Naoto Sato

Helena Shih, Mark Davis

Richard Gillam

Bruce Chapman

Sergey Salishev

**Embedded Copyright: azul-zulujdk-ta00144 8.52**

Kohsuke Kawaguchi

the Apache Software Foundation <http://www.apache.org>

WS Development Team

Kohsuke Kawaguchi [kohsuke.kawaguchi@sun.com](mailto:kohsuke.kawaguchi@sun.com)

Scott Seligman

Santiago Pericas-Geertsen

Doug Lea

Rosanna Lee

Jacek Ambroziak

Jitendra Kotamraju

Robert Field

Andreas Sterbenz

Morten Jorgensen

Vivek Pandey

Jan Luehe

Mark Reinhold

Joseph D. Darcy

Scott Violet

Timothy Prinzing

Brian Doherty

Eric Bruneton

Karl Helgason

Kohsuke Kawaguchi [kk@kohsuke.org](mailto:kk@kohsuke.org)

Kara Kytle

Alan Kaminsky

Sean Mullan

Arthur van Hoff

Bhavesh Patel

Hemma Prafullchandra

Josh Bloch

Ann Wollrath

Jamie Ho

Jonathan Gibbons

David Megginson

Harold Carr

David Brownell

Fabian Ritzmann

Hans Muller

Steve Wilson

Gordon Hirsch

Sergey A. Malenkov

Vincent Ryan

Jeff Dinkins

Georges Saab

Michael Glavassevich IBM

Bill Foote

Amit Kapoor

Rama Pulavarthi

Jim Graham

Amy Fowler

Atul M Dambalkar

Valerie Peng

Benjamin Renaud

Copyright (c) 2021 Software AG, Darmstadt, Germany

Philip Milne  
shih-chang.chen@oracle.com  
David Mendenhall  
Roland Schemers  
Neil Graham IBM  
Peter Jones  
JSR-51 Expert Group  
James McIlree  
Yanni Zhang  
Neal Gafter  
Arnaud Weber  
Florian Bomers  
David Kloba  
Arnaud Le Hors IBM  
Sami Shaio  
Ken Cavanaugh  
John Mani  
Masayoshi Okutsu  
Marek Potociar marek.potociar at sun.com  
SAAJ RI Development Team  
Eric Ye IBM  
Brad R. Wetmore  
Mandy Chung  
Mayank Upadhyay  
Otto Multey  
Ram Jeyaraman  
Arun Gupta  
Karl Scheibelhofer Karl.Scheibelhofer@iaik.at  
Bryan Atsatt  
David Connelly  
Sunita Mani  
Eugene Kuleshov  
James Gosling  
Tom Santos  
Norman Walsh  
Martin Schlaeffler schlaeff@sbox.tugraz.at  
Rich Schiavi  
John Rose  
Erwin Bolwidt ejb@klomp.org  
Naoto Sato  
Rahul Srivastava Sun Microsystems Inc.  
Seema Malkani  
Shannon Hickey  
Bill Shannon  
Jonathan Bruce  
Paul.Sandoz@Sun.Com  
Yassir Elley  
David Karlton  
Sun Microsystems  
Roger Riggs  
Carl Quinn  
Lynn Monsanto  
Marek Potociar  
Alan Chung  
Ray Ryan  
Clemens Eisner  
G. Todd Miller  
Jonathan Payne  
Igor Kushnirskiy  
David Rivas  
Laurence P. G. Cable  
Jasper Potts  
Sekhar Vajihala Sun Microsystems Inc.  
Hemanth Puttaswamy  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

A HREF <http://www.gentleware.com>  
Frank Yellin  
Satish Dharmaraj  
Alexander Kouznetsov  
Jan Borgersen  
Santiago.PericasGeertsen@sun.com  
Dr. Harold Carr  
IBM Corp.  
Dave Moore  
Ryan.Shoemaker@Sun.COM  
Gigi Ankeny  
Marianne Mueller  
Ankit Pasricha IBM  
John Rose JSR  
Li Gong  
Peter Korn  
Thomas Ball  
Paul Sandoz  
Charlton Innovations Inc.  
Mark Davis  
Rob Davis  
Michael Colburn  
Michael Martak  
Sharon Liu  
Joshua Outwater  
Glenn Marcy IBM  
Jakub Podlesak jakub.podlesak at sun.com  
Willie Walker  
Mike McCloskey  
Ram Marti  
Leif Samuelsson  
Robert G. Field  
Bhakti Mehta bhakti.mehta@sun.com  
Jeff Shapiro  
Elena Litani  
Ryan Shoemaker Sun Microsystems Inc.  
Michael McCloskey  
Steve Hanna  
Mike Grogan  
Ryan Shoemaker Sun Microsystems Inc. Kohsuke Kawaguchi Sun Microsystems Inc. Joe Fialli Sun Microsystems Inc.  
Martin Buchholz  
Michael C. Albers  
Xueming Shen  
Rob Weltman  
Chuck McManis  
Jeff Nisewanger  
Mark Davidson  
Kaiyang Liu  
Swamy Venkataramanappa  
Lee Boynton  
Anne Anderson  
JavaSoft International  
Joe Kesselman IBM  
Gopal Sharma SUN Microsystem Inc.  
A. Sundararajan  
Fred Ecks  
Herb Jellinek  
Nakul Saraiya  
Joshua Bloch  
Alan Liu  
Bino George  
Joe Fialli  
Jagane Sundar  
Sreenivas Munnangi  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Steven B. Byrne  
Yingxian Wang  
Michael McMahon  
Laird Dornin  
Stanley Man-Kit Ho  
Lori Brownell loribr@microsoft.com K.D. Chang a-kchang@microsoft.com General  
Matthias Pfisterer  
Sunitha Reddy  
Gopal Sharma SUN Microsystems Inc.  
Sunitha Reddy Sun Microsystems  
Neeraj Bajaj  
Edwin Goei  
Peter McCracken IBM  
Patrick Higgins phiggins@transzap.com  
JAX-WS Development Team  
David Megginson david@megginson.com  
Kohsuke Kawaguchi Sun Microsystems Inc.  
Chris Nokleberg  
Nicholas Talian Vincent Hardy Jim Graham Jerry Evans  
Pavani Diwanji  
Edward Wang  
Chris Hegarty  
Tom Ball  
Alexander Gerasimov  
Tim Bell  
Miroslav Kos miroslav.kos at oracle.com  
Rohit Garg  
Ralf Pfeiffer IBM  
Elena Litani IBM  
Joe Wang  
Neeraj Bajaj Sun MicrosystemsInc.  
Ramesh Mandava  
Jonathan Bruce Amit Handa  
Kohsuke Kawaguchi kohsuke.kawaguchi@sun.com Vivek Pandey  
Janet Koenig  
Anil Vijendran akv@eng.sun.com  
Marek Potociar marek.potociar@sun.com  
Chris Warth  
Tim Prinzing  
Anton Tarasov  
JavaSoft AsiaPacific  
the XMLEncoder  
Relation Service  
Dave Brown  
Kohsuke Kawaguchi Sun Microsystems Inc. Sekhar Vajjhala Sun Microsystems Inc.  
Kenneth Russell  
authorization from The Open Group  
Xueming Shen Rajendra Gutupalli Jaya Hangal  
Sergey Malenkov  
Martin Grebac  
Lukas Jungmann  
Neal M Gafter  
Raj Krishnamurthy  
Xuelel Fan  
Jon Ruiz  
Neil Delima IBM  
K.Venugopal@sun.com  
K.Venugopal SUN Microsystems  
TAMURA Kent kent@trl.ibm.co.jp  
Rajiv Mordani  
Prashanth Abbagani  
Maurizio Cimadamore  
Bhakti Mehta  
Ryan Shoemaker  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Anil Vijendran anil@sun.com  
Kirill Grouchnikov  
Mike Warres  
Ulf Zibis  
Josh Bloch and Doug Lea  
David Brown  
Doug Lea and Josh Bloch  
R. Vasudevan  
Phil Race  
Dave Karlton  
Richard Bair  
Bing Ran  
Jerome Dochez  
Syn Wee Quek  
the National Institute of Standards and Technology  
Danila Sinopalnikov  
Charlie Hunt  
Zhengyu Gu  
the UIManager  
Kumar Srinivasan  
Frank Flannery  
Mahmood Ali  
David Dixon-Peugh  
G Todd Miller  
Gunnlaugur Briem gthb@dimon.is  
Neeraj Bajaj Sun Microsystems  
Jeffrey Rodriguez  
Andy Clark  
Mikael Staldal d96-mst-ingen-reklam@d.kth.se  
shane\_curcuru@us.ibm.com  
Lance Andersen  
Larry K. Raper  
Doug Kramer  
Peter von der Ah  
Kohsuke Kawaguchi Martin Grebac  
Alexey Stashok  
Anil Vijendran  
k.venugopal@sun.com  
Rama.Pulavarthi@sun.com  
Kathy Walsh  
JAXWS Development Team  
Jonni Kanerva  
Brent Christian  
the PropertyEditor  
Asmus Freytag  
Mike Cowlishaw  
Jean-Christophe Collet  
Helena Shih Laura Werner Richard Gillam  
Helena Shih  
different Collators  
Nathan Abramson  
Alexander Potochkin  
Joseph Fialli  
Remi Forax  
Juozas Baliuka  
Thomas Hallgren  
Artem Ananiev  
John R. Rose  
Ram Viswanadha  
Douglas Hoover  
D. N. Hoover  
Simon Montagu Matitahu Allouche  
Markus W. Scherer  
Denis Mikhalkin  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Azul Systems Inc.  
Richard Blanchard  
the JavaSoft Look Feel Team Michael Albers Tom Santos Jeff Shapiro Steve Wilson MetalworksPrefs MetalworksInBox  
authorization from the Gnome Foundation or Bitstream Inc.  
authorization from the GNOME Foundation or Bitstream Inc.  
freebxml.org <http://www.freebxml.org>  
Daisuke Okajima and Kohsuke Kawaguchi <http://relaxngcc.sf.net>  
me John R. Hauser  
The XFree86 Project Inc <http://www.xfree86.org>  
authorization from The XFree86 Project Inc.  
Brian Beck  
Pavel Porvatov  
Xueming Shen Rajendra  
Eamonn McManus  
Anita Jindal  
Stephen Lewallen  
M. Mortazavi  
the ClientHandler  
Alex Menkov  
Brad Wetmore  
A HREF <http://www.inf.fu-berlin.de/haase> Enver Haase  
Joe Wang Oracle Corp.  
W. Eliot Kimber [eliot@isogen.com](mailto:eliot@isogen.com)  
Todd Miller  
Andy Clark IBM  
Gopal Sharma Sun Microsystems  
Neeraj Bajaj SUN Microsystems  
Jeffrey Rodriguez IBM  
Khaled Noaman IBM  
Pavani Mukthipudi Sun Microsystems Inc.  
Pavani Mukthipudi Sun Microsystems  
Henry Zongaro IBM  
John Kim IBM  
Naela Nissar IBM  
Mikael Staldal [d96-mst@d.kth.se](mailto:d96-mst@d.kth.se)  
Anupam Bagchi [abagchi@jtcsv.com](mailto:abagchi@jtcsv.com)  
Igor Hersht [igorh@ca.ibm.com](mailto:igorh@ca.ibm.com)  
Ilc  
Jennifer Chou  
Atul Dambalkar  
David Megginson [sax@megginson.com](mailto:sax@megginson.com)  
Kohsuke Kawaguchi Vivek Pandey  
Kohsuke Kawaguchi [kohsuke.kawaguchi@sun.com](mailto:kohsuke.kawaguchi@sun.com) Martin Grebac [martin.grebac@oracle.com](mailto:martin.grebac@oracle.com)  
Sucheta Dambalkar  
Alan Hudson  
Rajiv Mordani [rajiv.mordani@sun.com](mailto:rajiv.mordani@sun.com)  
Manveen Kaur [manveen.kaur@sun.com](mailto:manveen.kaur@sun.com)  
Max Spivak  
Ana Lindstrom-Tamer  
Paul.Sandoz@sun.com  
Binu.John@sun.com  
Fabian Ritzmann Marek Potociar  
Kirill Grouchnikov [kirillcool@yahoo.com](mailto:kirillcool@yahoo.com)  
Laura Werner IBM  
Doug Stein  
Bill Spitzak  
Roman Poborchiy  
Robi Khan  
Anton Tarasov Artem Ananiev  
Sharon Zakhour  
Guy Steele  
Timothy Buktu  
Gary Ellison  
Mark Davis Chen-Lieh Huang Alan Liu  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Mark Davis Helena Shih  
Mark Davis David Goldsmith Chen-Lieh Huang Alan Liu  
David Goldsmith Mark Davis Chen-Lieh Huang Alan Liu  
Doug Lea and Martin Buchholz  
Doug Lea Bill Scherer and Michael Scott  
Doug Lea and Bill Scherer and Michael Scott  
Ron Mann  
David R Tribble david@tribble.com  
Bart Calder  
link JMXConnectorFactory  
Kathy Walrath  
Ralph Kar  
Fredrik Lagerblad  
Terry Kellerman  
Sergey Groznyh  
Sara Swanson  
the JTree  
Sekhar Vajjhala Sun Microsystems Inc. Joe Fialli Sun Microsystems Inc. Kohsuke Kawaguchi Sun Microsystems Inc.  
Kohsuke Kawaguchi Sun Microsystems Inc. Ryan Shoemaker Sun Microsystems Inc. Joe Fialli Sun Microsystems Inc.  
Sekhar Vajjhala Sun Microsystems Inc. Kohsuke Kawaguchi Sun Microsystems Inc.  
Marc Hadley  
Erwin van der Koogh  
Joyce L. Leung  
Huizhe.Wang@oracle.com  
Staffan Larsen  
the ResponseHandler  
Koji Uno  
Chet Haase  
Sun Microsystems Inc.  
Peter King  
Zhenghua Li  
Sheng Liang  
Patrick Chan  
Stephen R. Pietrowicz NCSA  
weijun.wang@sun.com  
Yu-Ching Valerie Peng  
Dave Brownell  
Gadi Guy  
Konstantin Kladko  
Eric Hawkes  
Tatu Saloranta tatu.saloranta@iki.fi  
a community  
kdm@sparc.spb.su  
the JavaSoft Look Feel Team Michael Albers Tom Santos  
content Kelly  
Andrey Nazarov  
the ScanManagerMXBean  
miroslav.kos@oracle.com  
Jonas von Malottki  
Bhakti Mehta Bhakti.Mehta@sun.com  
JDK ORBs  
an AdapterActivator  
SelectorThread CorbaMessageMediator  
Josh Outwater  
Dave Kloba  
Chris Harris ckharris@ucsd.edu  
David MacMahon davidm@smartsc.com  
Jim Holmlund  
another LdapCtx  
Simon Nash  
Paul Hohensee  
Arthur van Hoff Kara Kytle Jan Borgersen  
A HREF <http://www.inf.fu-berlin.de/haase> E. Haase  
A HREF <http://www.vmeng.com/beard> Patrick C. Beard  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Konstantin Shagin konst@cs.technion.ac.il  
A HREF <http://www.berlin.demarkus.dahm> M. Dahm  
Huizhe Wang Oracle  
Shane\_Curcuru@us.ibm.com  
Joseph Kesselman  
John Howard JohnH@schemasoft.com  
Morten Jorensen  
Morten Jorgensen morten.jorgensen@sun.com  
John Howard johnh@schemasoft.com  
Douglas Sellers douglasjsellers@hotmail.com  
Huizhe Wang  
Suresh Kumar  
Padmaja Vedula  
G. Todd Millerj  
Jochen Cordes Jochen.Cordes@t-online.de  
Sandy Gao IBM  
Neeraj Bajaj Sun Microsystems inc.  
Arun Yadav  
Neeraj Bajaj neeraj.bajaj@sun.com  
Sunitha Reddy sunitha.reddy@sun.com  
Sunitha Reddy SUN Microsystems  
Joe Wang Sun Microsystems  
Venugopal Rao K Sun Microsystems  
Sunitha Reddy Sun MicrosystemsInc.  
Neil Graham  
Sandy Gao  
Len Berman  
Elena Litani Lisa Martin  
Jack Z. Wang IBM  
Neeraj Bajaj Sun Microsystems Inc.  
Lisa Martin IBM  
Gopal Sharma SUN MicroSystems Inc.  
Ramesh Mandava Sun Microsystems  
TAMURA Kent IBM  
Arun Yadav Sun Microsystems Inc.  
Joe Wang Oracle  
Scott Boag  
Stefan Wachter  
John Cowan  
Raul Benito  
Gervase Markham gerv@gerv.net  
Mike Dusseault mdusseault@home.com  
Lowell Vaughn lvaughn@agillion.com  
David Blondeau blondeau@intalio.com  
Arun Yadav Sun Microsystems  
Eric SCHAEFFER eschaeffer@posterconseil.com  
Lars Martin lars@smb-tec.com  
Joe Kesselman  
LLoyd Chambers  
Amit Handa  
Amit Handa Jonathan Bruce  
Benedict Gomes  
Peter von der Ahe  
Kathy Walsh Vivek Pandey  
Martin Grebac martin.grebac@sun.com  
Ben Tomasini ben.tomasini@gmail.com  
Kohsuke Kawaguchi kohsuke.kawaguchi@sun.com Martin Grebac  
Ryan Shoemaker ryan.shoemaker@sun.com  
Charles Turner  
Per Bothner  
Ryan Shoemaker Martin Grebac  
Roman Grigoriadi roman.grigoriadi@oracle.com  
Iaroslav Savytskyi  
Kohsuke KAWAGUCHI  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

FastInfoSet team  
Phil Goodwin phil.goodwin@sun.com  
JAX-RPC RI Development Team  
Manveen Kaur manveen.kaur@eng.sun.com  
Panos Kougouris panos@acm.org  
Jitendra Kotamraju Martin Grebac  
Neeraj.bajaj@sun.com  
Neeraj.bajaj@sun.com k.venugopal@sun.com  
Neeraj Bajaj k.venugopal@sun.com  
K.Venugopal Neeraj Bajaj Sun Microsystems  
Santiago.Pericas-Geertsen@sun.com  
Sunitha.Reddy@sun.com  
link BindingID createBinding  
link BindingID  
ondrej.cerny@oracle.com  
Bob Naugle  
link StatefulWebServiceManager  
the JAX-WS  
Jakub Podlesak japod at sun.com  
WS Development team  
shih-chang.chen@oracle.com miroslav.kos@oracle.com  
WS Developement Team  
Marek Potociar Jakub Podlesak  
Kohsuke Kawaguchi  
the HandlerAnnotationProcessor  
Doug Kohlert  
the AlphaComposite  
the Graphics2D  
Armin Chen  
George Zhang  
Parry Kejriwal  
a Component  
the Component  
the Toolkit and Component  
Oleg Semenov  
Blake Sullivan  
Jeff Dunn  
jeff.dunn@eng.sun.com  
Norbert Lindenberg  
Andrei Dmitriev  
John Raley  
Garth Dickie  
Thomas DeWeese  
Daniel Rice  
the Proxy  
Steve Langley  
Ken Arnold  
Akira Tanaka  
the ClassValue  
the InheritableThreadLocal  
Remi Forax JSR  
Peter Levart  
Sergey V. Kuksenkov  
Alan Eliassen  
Mark Chamness  
link RMISocketFactory  
Sean Mullan Steve Hanna  
the ResultSet . Blob Clob  
a Collator  
Chen-Lieh Huang  
Mark Davis Alan Liu  
Josh Bloch of Google Inc.  
Vladimir Yaroslavskiy  
Jon Bentley  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Iris Clark  
a Builder  
the Builder  
Josh Bloch Doug Lea  
Josh Bloch and Mark Reinhold  
Hong Zhang  
Dave Bristor  
Gigi Ankney  
the Relation Service  
the Relation  
link JMXConnectorServerFactory  
Aravindan Ranganathan  
Alan Kamihensky  
Phil Race Alan Kaminsky  
Robert Herriot  
same ScriptEngineFactory  
a ScriptEngineManager  
the Manager  
the ScriptEngineManager  
Kevin P. Smith  
a SyncProvider  
hand. They  
Tomas Pavek  
Jan Stola  
the JDesktopPane  
Rich Shiavi  
the RowSorter  
Joe Winchester  
Chester Rose  
Denis Sharypov  
Jill Nakata  
Arthur Van Hoff  
the Swing team  
Kohsuke Kawaguchi kohsuke.kawaguchi@sun.com Joseph Fialli  
Kohsuke Kawaguchi Joe Fialli  
Ryan Shoemaker Sun Microsystems Inc. Joe Fialli Sun Microsystems Inc.  
Kohsuke Kawaguchi Sun MicrosystemsInc. Sekhar Vajjhala Sun Microsystems Inc.  
Joyce Leung  
XWS-Security Development Team  
a SOAPFactory . Callers  
Prashant Deva  
Niko Matsakis  
Rajendra Inamdar Vishal Vishnoi  
Adrian Sampson  
a GSSManager  
RIP Team  
calling DocumentTraversal .createNodeIterator  
Edwin Goei edwingo@apache.org  
David Brownell dbrownell@users.sourceforge.net  
Edwin Goei David Brownell  
David Megginson David Brownell  
Arthur van Hoff Kara Kytle  
Arthur van Hoff Thomas Ball  
Petr Pchelko  
Lawrence P.G. Cable  
a Font2D  
Mario Torre neugens@aicas.com  
the StatSampler  
Steve Byrne  
link HttpServer  
Jon Payne  
Chris Campbell  
Peter Jones Bryan Atsatt  
Everett Anderson  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Steve Newberry Bryan Atsatt  
Seth Proctor  
M. Davis  
the CalendarSystem  
Helena Shih Mark Davis  
Richard Gillam  
in How  
Mario Wolczko and Ross Knippel  
Volker Simonis  
Costantino Cerbo c.cerbo@gmail.com  
Valeriy Ushakov  
Bruce Chapman  
Sergey Salishev

### **Embedded Copyright: bayeux-api 3.0.10**

Copyrights holders and authors:  
Apache Maven  
the original author or authors.

### **Embedded Copyright: birt 4.6.0**

Copyright (c) 2001-2005 MetaStuff, Ltd. All Rights Reserved.  
Copyright (c) 1988-1997 Sam Leffler  
Copyright (c) 1991-1997 Silicon Graphics, Inc.  
Copyright (c) 1991-2007 Unicode, Inc. All rights reserved.  
Copyright (c) 2000-2003, BEA Systems, <<http://www.bea.com/>>.  
Copyright (c) 2002 Yuval Oren  
Copyright (c) 2006-2007 Valek Filippov (frob@df.ru)  
Copyright (c) 1999-2002, Lotus Development Corporation  
Copyright (c) 2001-2002, Sun Microsystems  
Copyright (c) 1999-2011 The Apache Software Foundation  
Copyright (c) 2002 Kevin Atkinson (kevina@gnu.org)  
Copyright (c) 1997-2003 W3C (MIT, ERCIM, Keio). All Rights Reserved.  
Copyright (c) 2005-2010 Sam Stephenson  
Copyright (c) 2009, The Dojo Foundation  
Copyright (c) 1991 Free Software Foundation, Inc.  
Copyright (c) 1990-2000 Adobe Systems Incorporated.  
Copyright (c) 1999, 2003, 2006 IBM Corporation., <http://www.ibm.com>.  
Copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>

### **Embedded Copyright: birt 4.7.0**

Copyright (c) 2001-2005 MetaStuff, Ltd. All Rights Reserved.  
Copyright (c) 1988-1997 Sam Leffler  
Copyright (c) 1991-1997 Silicon Graphics, Inc.  
Copyright (c) 1991-2007 Unicode, Inc. All rights reserved.  
Copyright (c) 2000-2003, BEA Systems, <<http://www.bea.com/>>.  
Copyright (c) 2002 Yuval Oren  
Copyright (c) 2006-2007 Valek Filippov (frob@df.ru)  
Copyright (c) 1999-2002, Lotus Development Corporation  
Copyright (c) 2001-2002, Sun Microsystems  
Copyright (c) 1999-2011 The Apache Software Foundation  
Copyright (c) 2002 Kevin Atkinson (kevina@gnu.org)  
Copyright (c) 1997-2003 W3C (MIT, ERCIM, Keio). All Rights Reserved.  
Copyright (c) 2005-2010 Sam Stephenson  
Copyright (c) 2009, The Dojo Foundation  
Copyright (c) 1991 Free Software Foundation, Inc.  
Copyright (c) 1990-2000 Adobe Systems Incorporated.  
Copyright (c) 1999, 2003, 2006 IBM Corporation., <http://www.ibm.com>.  
Copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>

### **Embedded Copyright: birt 4.8.0**

Copyright (c) 2001-2005 MetaStuff, Ltd. All Rights Reserved.  
Copyright (c) 1988-1997 Sam Leffler  
Copyright (c) 1991-1997 Silicon Graphics, Inc.  
Copyright (c) 1991-2007 Unicode, Inc. All rights reserved.  
Copyright (c) 2000-2003, BEA Systems, <<http://www.bea.com/>>.  
Copyright (c) 2002 Yuval Oren  
Copyright (c) 2006-2007 Valek Filippov (frob@df.ru)  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Copyright (c) 1999-2002, Lotus Development Corporation  
Copyright (c) 2001-2002, Sun Microsystems  
Copyright (c) 1999-2011 The Apache Software Foundation  
Copyright (c) 2002 Kevin Atkinson (kevina@gnu.org)  
Copyright (c) 1997-2003 W3C (MIT, ERCIM, Keio). All Rights Reserved.  
Copyright (c) 2005-2010 Sam Stephenson  
Copyright (c) 2009, The Dojo Foundation  
Copyright (c) 1991 Free Software Foundation, Inc.  
Copyright (c) 1990-2000 Adobe Systems Incorporated.  
Copyright (c) 1999, 2003, 2006 IBM Corporation., <http://www.ibm.com>.  
Copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>

### Embedded Copyright: birt-runtime 4.3.0

Redistributed Content

-----  
The Content includes items that have been sourced from third parties as follows:

#### Rhino 1.6R1

-----  
The plug-in is accompanied by software developed by Mozilla ( <http://www.mozilla.org/rhino>).  
The Rhino 1.6R1 binaries included with the plug-in includes no modifications. Your use of Rhino 1.6R1 in both source and binary code form contained in the plug-in is subject to the terms and conditions of the mozilla.org License Policy version 1.1 which is available at <http://www.mozilla.org/MPL/license-policy.html>. The binary code is located in js.jar and used indirectly via an exported library from the dependent plug-in org.eclipse.birt.core

#### Jakarta Commons CLI 1.0

-----  
The plug-in is accompanied by software developed by Apache ( <http://jakarta.apache.org/commons/cli/>).  
The Commons CLI 1.0 binaries included with the plug-in includes no modifications. Your use of Commons CLI 1.0 in both source and binary code form contained in the plug-in is subject to the terms and conditions of the Apache Software License version 2.0 which is available at <http://jakarta.apache.org/commons/license.html>. The binary code is located in commons-cli-1.0.jar.

#### JTidy R7

-----  
The plug-in is accompanied by software developed by SourceForge( <http://jtidy.sourceforge.net/> ).  
The JTidy R7 binaries has been modified. org.xml.sax and org.w3c.dom were removed from the original Tidy.jar. Your use of JTidy R7 in both source and binary code form contained in the plug-in is subject to the terms and conditions of the sourceforge.net License Policy which is available at <http://jtidy.sourceforge.net/license.html>. The binary code is located in Tidy.jar.

### Third Party Content

The Content includes items that have been sourced from third parties as set out below. If you did not receive this Content directly from the Eclipse Foundation, the following is provided for informational purposes only, and you should look to the Redistributor's license for terms and conditions of use.

#### Commons CLI 1.0

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>) as part of the Jakarta Project.

The Commons CLI binary code is located in the following file:

ReportEngine/lib/commons-cli-1.0.jar

Commons CLI is:

Copyright (c) 1999-2001 The Apache Software Foundation. All rights reserved.

Your use of the Commons CLI code is subject to the terms and conditions of the Apache Software License 1.1 a copy of which is provided in about\_files/LICENSE.txt and is available at <http://www.apache.org/licenses/LICENSE-1.1>. More specifically:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Copyright (c) 2021 Software AG, Darmstadt, Germany

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

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

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names "The Jakarta Project", "Commons" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [apache@apache.org](mailto: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.

Source code for Commons CLI is available at <http://jakarta.apache.org/commons/cli/>.

#### **Embedded Copyright: birt-runtime 4.6.0**

Copyright (c) 1999-2005 IBM Corporation and others  
Copyright (c) 2001-2005 MetaStuff, Ltd. All Rights Reserved.  
Copyright (c) 2001-2009 The Apache Software Foundation. All rights reserved.  
Copyright (c) 2000-2003, BEA Systems, <<http://www.bea.com/>>.  
Copyright (c) 2002 Yuval Oren  
Copyright (c) 2006, 2007 Valek Filippov ([frob@df.ru](mailto:frob@df.ru))  
Copyright (c) 1999 -2005, Sun Microsystems., <http://www.sun.com>.  
Copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>.  
Copyright (c) 1988-1997 Sam Leffler  
Copyright (c) 1991-1997 Silicon Graphics, Inc.  
Copyright (c) 1991-2007 Unicode, Inc. All rights reserved.  
Copyright (c) 1991 Free Software Foundation, Inc.  
Copyright (c) 1999-2002, Lotus Development Corporation  
Copyright (c) 2002 Kevin Atkinson ([kevina@gnu.org](mailto:kevina@gnu.org))  
Copyright (c) 1990-2000 Adobe Systems Incorporated  
Copyright (c) 2013, LeRoy Benjamin Sharon  
Copyright (c) 2005-2010 Sam Stephenson  
Copyright (c) 2009, The Dojo Foundation  
Copyright (c) 2013 Brian Eugene Wilson, Robert Martin Campbell  
Copyright (c) 2006-2008, Google Inc.  
Copyright (c) 1999 TaBE Project  
Copyright (c) 1999 Pai-Hsiang Hsiao  
Copyright (c) 1999 Computer Systems and Communication Lab  
Copyright (c) 1996 Chih-Hao Tsai @ Beckman Institute, University of Illinois  
Copyright (c) 2000 - 2003 Nara Institute of Science

#### **Embedded Copyright: boost 1.63.0**

Copyright 2013 Niall Douglas  
Copyright 2013 Paul A. Bristow

#### **Embedded Copyright: cometd-cometd 3.0.10**

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Copyright (c) 2005, 2013, 2015 jQuery Foundation and other contributors  
Copyright (c) 2014 Stuart Knightley, David Duponchel  
Copyright (c) 2009 - 2014 Stuart Knightley <stuart [at] stuartk.com>  
Copyright (c) 2013, 2015, 2017 Oracle and/or its affiliates. All rights reserved.  
Copyright (c) styles  
Copyright (c) 2005 - 2006 Thomas Fuchs (<http://script.aculo.us>, <http://mir.aculo.us>)  
Copyright (c) 2005 - 2007 Sam Stephenson  
Copyright (c) 2005 - 2006 Sammi Williams (<http://www.oriontransfer.co.nz>, [sammi@oriontransfer.co.nz](mailto:sammi@oriontransfer.co.nz))  
Copyright (c) 2005 Joe Walker  
Copyright (c) 2004 Simon Willison .  
Copyright (c) 2005 - 2006 Ivan Krstic (<http://blogs.law.harvard.edu/ivan>)  
Copyright (c) 2005 - 2006 Jon Tirsén (<http://www.tirsén.com>)  
Copyright (c) 2005 - 2006 Marty Haught, Thomas Fuchs

### **Embedded Copyright: cometd-java-client 3.0.10**

Copyrights holders and authors:

Apache Maven

the original author or authors.

### **Embedded Copyright: commons-beanutils 1.9.2**

Notices:

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

Copyrights holders and authors:  
The Apache Software Foundation

### **Embedded Copyright: commons-beanutils 1.9.3**

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

Copyrights holders and authors:  
Apache Maven

### **Embedded Copyright: commons-codec 1.11**

Notices:

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

`src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java`  
contains test data from <http://aspell.net/test/orig/batch0.tab>.  
Copyright (C) 2002 Kevin Atkinson ([kevina@gnu.org](mailto:kevina@gnu.org))

=====

The content of package `org.apache.commons.codec.language.bm` has been translated  
from the original php source code available at <http://stevemorse.org/phoneticinfo.htm>  
with permission from the original authors.  
Original source copyright:  
Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

Copyrights holders and authors:  
Alexander Beider & Stephen P. Morse.  
Apache Maven  
Christian Hammers <[ch@lathspell.de](mailto:ch@lathspell.de)>  
Intel Corporation  
Kevin Atkinson  
Margaret Odell and Robert Russell  
The Apache Software Foundation  
Ulrich Drepper <[drepper@redhat.com](mailto:drepper@redhat.com)>  
Western Airlines  
the Caversham Project at the University of Otago.  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## **Embedded Copyright: commons-collections 3.2.1**

Notices:

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

Copyrights holders and authors:

Alban Peignier  
Andreas Schlosser  
Andrew Freeman  
Arron Bates  
Arun Mammen Thomas  
Berin Loritsch  
Brian McCallister  
Christian Siefkes  
Christopher Berry  
Chuck Burdick  
Commons-Collections team  
Craig R. McClanahan  
Daniel Rall  
David Leppik  
Dimitar Dimitrov  
Eric Crampton <[ccesc@eonomine.com](mailto:ccesc@eonomine.com)>  
Federico Barbieri  
Gerhard Froehlich  
Henning P. Schmiedehausen  
Henri Yandell  
Herve Quiroz  
Howard Lewis Ship  
James Carman  
James Strachan  
Jan Sorensen  
Janek Bogucki  
Jeff Turner  
Jeff Varszegi  
Joerg Schmuecker  
Jon Schewe  
Jordan Krey  
Julien Buret  
Kazuya Ujihara  
Leo Sutic  
Marc Johnson  
Mario Ivankovits  
Matt Benson  
Matthew Hawthorne  
Mauricio S. Moura  
Max Rydahl Andersen  
Michael A. Smith  
Mike Pettypiece  
Mohan Kishore  
Morgan Delagrangue  
Neil O'Toole  
Nicola Ken Barozzi  
Ola Berg  
Paul Jack  
Paul Legato  
Peter Donald  
Peter KoBek  
Phil Steitz  
Rafael U.C. Afonso  
Ralph Wagner  
Ram Chidambaram  
Rich Dougherty  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Robert Ribnitz  
Rodney Waldhoff  
Serge Knystautas  
Serhiy Yevtushenko  
Shinobu Kawai  
Simon Kitching  
Stefano Fornari  
Stephen Colebourne  
Stephen Smith  
Steve Clark  
Steve Downey  
Steve Phelps  
Steven Melzer  
The Apache Software Foundation (<http://www.apache.org/>).  
Thomas Knych  
Tom Dunham

### **Embedded Copyright: commons-collections 3.2.2**

Copyrights holders and authors:

Alban Peignier  
Andreas Schlosser  
Andrew Freeman  
Arron Bates  
Arun Mammen Thomas  
Berin Loritsch  
Brian McCallister  
Christian Siefkes  
Christopher Berry  
Chuck Burdick  
Commons-Collections team  
Craig R. McClanahan  
Daniel Rall  
David Leppik  
Dimitar Dimitrov  
Eric Crampton <[ccesc@eonomine.com](mailto:ccesc@eonomine.com)>  
Federico Barbieri  
Gerhard Froehlich  
Henning P. Schmiedehausen  
Henri Yandell  
Herve Quiroz  
Howard Lewis Ship  
James Carman  
James Strachan  
Jan Sorensen  
Janek Bogucki  
Jeff Turner  
Jeff Varszegi  
Joerg Schmuecker  
Jon Schewe  
Jordan Krey  
Julien Buret  
Kazuya Ujihara  
Leo Sutic  
Marc Johnson  
Mario Ivankovits  
Matt Benson  
Matthew Hawthorne  
Mauricio S. Moura  
Max Rydahl Andersen  
Michael A. Smith  
Mike Pettypiece  
Mohan Kishore  
Morgan Delagrangue  
Neil O'Toole  
Nicola Ken Barozzi  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Ola Berg  
Paul Jack  
Paul Legato  
Peter Donald  
Peter KoBek  
Phil Steitz  
Rafael U.C. Afonso  
Ralph Wagner  
Ram Chidambaram  
Rich Dougherty  
Robert Ribnitz  
Rodney Waldhoff  
Serge Knystautas  
Serhiy Yevtushenko  
Shinobu Kawai  
Simon Kitching  
Stefano Fornari  
Stephen Colebourne  
Stephen Smith  
Steve Clark  
Steve Downey  
Steve Phelps  
Steven Melzer  
Thomas Knych  
Tom Dunham

**Embedded Copyright: commons-httpclient 3.1**

Autors:

B.C. Holmes  
Carl A. Dunham  
Christian Kohlschuetter  
Christopher Brown  
Eric E Johnson  
Jason Hunter  
Jeff Dever  
John Kristian  
Laura Werner  
Marc A. Saegesser  
Mark Claassen  
Martin Elwin  
Michael Becke  
Mikael Wikstrom  
Mohammad Rezaei, Goldman, Sachs & Co.  
Oleg Kalnichevski  
Ortwin Glueck  
Rod Waldhoff  
Rodney Waldhoff  
Sam Maloney  
Samit Jain  
Sean C. Sullivan  
Sung-Gu Park

**Embedded Copyright: commons-lang 2.6**

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

**Embedded Copyright: commons-lang3 3.4**

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

This product includes software from the Spring Framework,  
under the Apache License 2.0 (see: `StringUtils.containsWhitespace()`)

**Embedded Copyright: commons-lang3 3.5**

This product includes software from the Spring Framework,  
under the Apache License 2.0 (see: `StringUtils.containsWhitespace()`)

### **Embedded Copyright: commons-logging 1.0.4**

Notices:

This product includes software developed by

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

Copyrights holders and authors:

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

The Apache Software Foundation.

### **Embedded Copyright: eclipse 4.11**

Copyright (c) 2010 Tasktop Technologies and others.

Copyright (c) 2004, 2007, 2009, 2014 Composit, Inc. and others. All rights reserved.

Copyright (c) 2010 IBM, Composit, Inc. and others

### **Embedded Copyright: eclipse-emf 2.18**

Copyright (c) 2009 BestSolution.at and others. All rights reserved.

Copyright (c) 2007 Brad Reynolds and others. All rights reserved.

Copyright (c) 2010-2011 Kenn Hussey and others.

Copyright (c) 2008-2010 Ed Merks and others. All rights reserved.

Copyright (c) 2010-2012 Hallvard Traetteberg. All rights reserved.

Copyright (c) 2011 Hallvard Traetteberg and others.

Copyright (c) 1999, 2002-2010 IBM Corporation and others. All rights reserved.

Copyright (c) 2005-2019 IBM Corporation, CEA, and others. All rights reserved.

Copyright (c) 2002-2008 IBM Corporation, Embarcadero Technologies, and others. All rights reserved.

Copyright (c) 1999-2004 The Apache Software Foundation. All rights reserved.

Copyright (c) 1999-2003 International Business Machines, Inc., <http://www.apache.org>.

Copyright (c) 2010, 2011, 2013, 2014 itemis AG (<http://www.itemis.eu>) and others. All rights reserved.

Copyright (c) 2008 Matthew Hall and others. All rights reserved.

Copyright (c) 2013 Obeo and others. All rights reserved.

Copyright (c) 1991 - 1999 Rational Software Corporation

Copyright (c) 1999 Sun Microsystems., <http://www.sun.com>.

Copyright (c) 2009 TIBCO Software Inc. and others. All rights reserved.

Copyright (c) 2009 Tom Schindl. All rights reserved.

Copyright (c) 2008-2009 Tom Schindl and others. All rights reserved.

Copyright (c) 2008 VeriSign, Inc.

Copyright (c) 2008-2010 Zeligsoft Inc. and others. All rights reserved.

### **Embedded Copyright: eclipse-equinox 4.7.1**

Copyright 2004-2012 Apache MINA Project

This product includes software developed at

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

### **Embedded Copyright: eclipse-gemini.web.gemini-web-container 3.0.4.RELEASE**

Copyright (c) 2011-2012 SAP AG

Copyright (c) 2014-2018 SAP SE

Copyright (c) 2006, 2015 VMware Inc., Oracle Inc.

### **Embedded Copyright: eclipse-xttext 2.17.0**

Copyright (c) 2016 - 2018 TypeFox GmbH (<http://www.typefox.io>) and others.

Copyright (c) 2000 - 2011 INRIA, France Telecom

Copyright (c) 2000, 2002, 2005 - 2009, 2012, 2017 IBM Corporation and others.

Copyright (c) 2008 - 2010, 2017 - 2019 Michael Clay and others.

Copyright (c) 2010, 2017 Christoph Kulla

Copyright (c) 2011, 2017 - 2018 Sigasi N.V. (<http://www.sigasi.com>) and others. All rights reserved.

Copyright (c) 1999 - 2011 The Apache Software Foundation.

Copyright (c) 2016, 2018 Xtext Committers and Contributors. All rights reserved.

Copyright (c) 2008 - 2019 Dakshinamurthy Karra, itemis AG (<http://www.itemis.eu>) and others.

Copyright (c) 2003 - 2007 , Terence Parr

Copyright (c) 2017 Universite de Technologie de Belfort-Montbeliard (<http://www.utbm.fr>) and others.

Copyright (c) 2012 SAP AG and others.

Copyright (c) 2007 Sven Efftinge (<http://www.efftinge.de>) and others.

Copyright (c) 2009 Dan Stefanescu and others.

Copyright (c) 2005, 2007 committers of openArchitectureWare and others.

Copyright (c) 2014 NumberFour AG (<http://www.numberfour.eu>).

Copyright (c) 2018 Sigasi NV (<https://www.sigasi.com>) and others

### **Embedded Copyright: eclipse-xttext 2.17.1**

Copyright (c) 2016 - 2018 TypeFox GmbH (<http://www.typefox.io>) and others.

Copyright (c) 2000 - 2011 INRIA, France Telecom

Copyright (c) 2000, 2002, 2005 - 2009, 2012, 2017 IBM Corporation and others.

Copyright (c) 2008 - 2010, 2017 - 2019 Michael Clay and others.

Copyright (c) 2010, 2017 Christoph Kulla

Copyright (c) 2011, 2017 - 2018 Sigasi N.V. (<http://www.sigasi.com>) and others. All rights reserved.

Copyright (c) 1999 - 2011 The Apache Software Foundation.

Copyright (c) 2016, 2018 Xtext Committers and Contributors. All rights reserved.

Copyright (c) 2008 - 2019 Dakshinamurthy Karra, itemis AG (<http://www.itemis.eu>) and others.

Copyright (c) 2003 - 2007 , Terence Parr

Copyright (c) 2017 Universite de Technologie de Belfort-Montbéliard (<http://www.utbm.fr>) and others.

Copyright (c) 2012 SAP AG and others.

Copyright (c) 2007 Sven Efftinge (<http://www.efftinge.de>) and others.

Copyright (c) 2009 Dan Stefanescu and others.

Copyright (c) 2005, 2007 committers of openArchitectureWare and others.

Copyright (c) 2014 NumberFour AG (<http://www.numberfour.eu>).

Copyright (c) 2018 Sigasi NV (<https://www.sigasi.com>) and others

### **Embedded Copyright: fasterxml-jackson-annotations 2.9.9**

Authors:

tatu

Pascal Glina

### **Embedded Copyright: fasterxml-jackson-core 2.9.9**

Notices:

# Jackson JSON processor

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

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

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

#### **## Licensing**

Jackson core and extension components may be licensed under different licenses.

To find the details that apply to this artifact see the accompanying LICENSE file.

For more information, including possible other licensing options, contact FasterXML.com (<http://fasterxml.com>).

#### **## Credits**

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

Copyrights holders and authors:

Override public ObjectCodec

Tatu Saloranta

Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi))

a community of developers

### **Embedded Copyright: fasterxml-jackson-databind 2.9.7**

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

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

### **Embedded Copyright: fasterxml-jackson-databind 2.9.9**

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

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



**Embedded Copyright: fasterxml-jackson-module-jaxb-annotations 2.9.9**

Author

Ryan Heaton

**Embedded Copyright: fluent-hc 4.5.6**

This product includes software developed at

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

**Embedded Copyright: gemini-blueprint-core 3.0.0.M01**

Copyright (c) 2008 - 2009 OSGi Alliance ( ). All Rights Reserved.

**Embedded Copyright: glassfish 5.1**

Copyright (c) 1989, 1991 Free Software Foundation, Inc.

Copyright (c) 2004-2018 The Apache Software Foundation

Copyright (c) 2003 IBM Corp.

Copyright (c) 1997, 2004 International Business Machines Corporation. All rights reserved.

Copyright (c) 2000, 2007 OSGi Alliance

Copyright (c) 2009 by [www.imdict.net](http://www.imdict.net).

**Embedded Copyright: google-guava 27.1-jre**

Authors:

Louis Wasserman

Kevin Bourrillion

Jared Levy

James Sexton

Charles Fry

Mike Bostock

Joshua O'Madadhain

Kurt Alfred Kluever

Colin Decker

Ben Yu

Chris Nokleberg

Sven Mawson

Dimitris Andreou

Jesse Wilson

Gregory Kick

Chris Povirk

Bob Lee

Luke Sandberg

David Beaumont

Jens Nyman

Omar Darwish

Pete Gillin

Cliff Biffle

Martin Buchholz

Anthony Zana

Doug Lea

Hayward Chan

Laurence Gonsalves

Austin Appleby

Nishant Thakkar

Emily Soldal

Mike Ward

Isaac Shum

Kyle Maddison

Harry Heymann

Bin Zhu

Colin Evans

Robert Konigsberg

Catherine Berry

Keith Bottner

Doug Lea

Michael Lancaster"

Craig Berry"

Warren Dukes"

Julien Silland

Daniel J. Bernstein

Copyright (c) 2021 Software AG, Darmstadt, Germany

Steve McKay  
Alex Matevossian  
Hiroshi Yamauchi  
Nick Kravovich  
Mick Killianey  
Darick Tong  
Justin Mahoney  
Brian Milch  
Christopher Swenson  
Kyle Littlefield  
Erik Kline  
Apple Chow  
Sverre Sundsdal  
Jason Lee  
Sebastian Kanthak  
Mark Davis  
Qian Huang  
Johannes Henkel  
Jayaprabhakar Kadarkarai  
Geoff Pike  
mike nonemacher  
Cliff L. Biffle  
Torbjorn Gannholm  
Miles Barr  
Justin T. Sampson  
Marcin Mikosik  
Bob Lee  
Kevin Damm  
Adam Winer  
Raimundo Mirisola  
Clément Roux  
Jean-Philippe Aumasson  
Shardul Deo  
Nick Piepmeyer  
Paul Marks  
Eric Fellheimer  
Alan Green

**Embedded Copyright: guava 19.0**

Copyrights holders and authors:

Adam Winer  
Alan Green  
Alex Matevossian  
Anthony Zana  
Apple Chow  
Austin Appleby  
Ben Yu  
Bin Zhu  
Bob Lee  
Brian Milch  
Bruno Diniz  
Charles Fry  
Chris Nokleberg  
Chris Povirk  
Christopher Swenson  
Clement Roux  
Cliff Biffle  
Cliff L. Biffle  
Colin Decker  
Colin Evans  
Craig Berry  
Daniel J. Bernstein  
Darick Tong  
David Beaumont  
Dimitris Andreou

Doug Lea  
Doug Lea and Martin Buchholz  
Emily Soldal  
Eric Fellheimer  
Erik Kline  
Gregory Kick  
Harry Heymann  
Hayward Chan  
Hiroshi Yamauchi  
Isaac Shum  
Jared Levy  
Jason Lee  
Jayaprabhakar Kadarkarai  
Jean-Philippe Aumasson  
Jesse Wilson  
Johannes Henkel  
Julien Silland  
Justin Mahoney  
Justin T. Sampson  
Keith Bottner  
Kevin Bourrillion  
Kurt Alfred Kluever  
Kyle Littlefield  
Laurence Gonsalves  
Louis Wasserman  
Luke Sandberg  
Marcin Mikosik  
Mark Davis  
Martin Buchholz  
Michael Lancaster  
Mick Killianey  
Mike Bostock  
Mike Ward  
Miles Barr  
Nick Kralevich  
Nick Piepmeier  
Nishant Thakkar  
Paul Marks  
Qian Huang  
Raimundo Mirisola  
Robert Konigsberg  
Sebastian Kanthak  
Shardul Deo  
Steve McKay  
Sven Mawson  
Sverre Sundsdal  
The Guava Authors  
Torbjorn Gannholm  
Warren Dukes

**Embedded Copyright: httpclient 4.5.2**

Copyrights holders and authors:

2013-07-14 CORE Association  
2014-12-18 Amazon EU  
2014-12-18 EDEKA Verband kaufmannischer Genossenschaften e.V.  
2015-07-16 LEGO Juris  
2015-09-03 CNH Industrial N.V.  
<mehmetgurevin@gmail.com>  
Adam Stein <astein@amazon.com>  
Alan Shreve <alan@ngrok.com>  
Alex Stoddard <alex.stoddard@citrix.com>  
Andrew Farmer <andrew.farmer@dreamhost.com>  
Asheesh Laroia <asheesh@sandstorm.io>  
Barry Dorrans <bdorrans@microsoft.com>  
Ben Toews <btoews@github.com>  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Chris Raynor <chris@firebase.com>  
Damien Tournoud <damien@commerceguys.com>  
David Illsley <david.illsley@digital.cabinet-office.gov.uk>  
Dominik Menke <dom@digineo.de> 2016-01-18  
Donavan Miller <donavanm@amazon.com>  
Duarte Santos <domain-admin@outsystemscloud.com>  
Eddie Jones <eddie@onefoldmedia.com>  
Eduardo Vela <evn@google.com>  
Gary Dylina <gary@pantheon.io>  
Gavin Brown <gavin.brown@centralnic.com>  
Hannu Aronsson <haa@iki.fi>  
Jan Krpes <jan.krpes@cdn77.com>  
Jason Kriss <jason@pagefronthq.com>  
Jeff Wheelhouse <support@nearlyfreespeech.net>  
Jonathan Rudenberg <jonathan@cupcake.io>  
Jonathan Rudenberg <jonathan@flynn.io>  
Karl Wright (kwright@metacarta.com).  
Kirill Pertsev <kika@rackmaze.com>  
Luke Wells <lawells@amazon.com>  
Martin Semrad <semrad@i-registry.cz>  
Matthew Brown <mattbrown@nyc.mn>  
Pierre Beyssac <hostmaster@eu.org>  
Ricardo Padilha <rpadilha@drobo.com>  
Richard Harper <richard@duckdns.org>  
Rony Weng <ronyweng@synology.com>  
Sarah Newman <owner@prgmr.com>  
Scott Vidmar <svidmar@amazon.com>  
Serhii Bulakh <support@drs.ua>  
Stefano Rivera <stefano@yola.com>  
Tim Kramer <tkramer@rhcloud.com>  
Tobias Wilken <tw@cloudcontrol.com>  
Tom Maher <tmaher@heroku.com>  
Trung Tran <Trung.Tran@neustar.biz>  
Vladimir Vuksan <vladimir@fastly.com>  
Yngve Pettersen <yngve@opera.com>  
Zoltan Egresi <egresi@globehosting.com>

#### **Embedded Copyright: httpcore 4.4.4**

This project contains annotations derived from JCIP-ANNOTATIONS  
Copyright (c) 2005 Brian Goetz and Tim Peierls. See <http://www.jcip.net>

#### **Embedded Copyright: jaxb-api 2.3.1**

Copyrights holders and authors:

Apache Maven  
Free Software Foundation, Inc.  
Joe Fialli  
Joseph Fialli  
Kohsuke Kawaguchi (kohsuke.kawaguchi@sun.com)  
Martin Grebac  
Marc Hadley  
Miroslav.Kos@oracle.com  
Oracle and/or its affiliates.  
Roman Grigoriadi  
Ryan Shoemaker  
Sekhar Vajjhala  
Sun Microsystems, Inc.  
the Initial Developer

#### **Embedded Copyright: jersey-core 1.16**

Copyrights holders and authors:

Bill Shannon  
Doug Kohlert  
Florian Rosenberg  
Gili Tzabari  
Google Inc.  
Jakub.Podlesak@Sun.Com

Jeffrey Rodriguez  
John Mani  
Marc.Hadley@Sun.Com  
Mark Reinhold (mark.reinhold at oracle.com)  
Martin Matula (martin.matula at oracle.com)  
Max Spivak  
Michal Gajdos (michal.gajdos at oracle.com)  
Oracle and/or its affiliates.  
Paul.Sandoz@sun.com  
Santiago.PericasGeertsens@sun.com  
The Apache Software Foundation  
WS Development Team  
gerard.davison@oracle.com  
hubick@java.net  
imran@smartitengineering.com  
the JAX-RS runtime. Values

**Embedded Copyright: jetty-util 9.2.18.v20160721**

Copyrights holders and authors

Aki Yoshida  
Bjoern Hoehrmann  
Greg Wilkins  
Mort Bay Consulting Pty. Ltd.  
Mort Bay Consulting Pty. Ltd. Bundle-Description Jetty

**Embedded Copyright: joda-time 1.6.2**

This product includes software developed by Joda.org (<http://www.joda.org/>).

**Embedded Copyright: joda-time 2.9.9**

This product includes software developed by Joda.org (<http://www.joda.org/>).

**Embedded Copyright: jquery 1.4.2**

Copyright 2010, The Dojo Foundation

**Embedded Copyright: jquery-jquery-ui 1.8.6**

jQuery UI Authors (<http://jqueryui.com/about>)

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history and logs, available at <http://github.com/jquery/jquery-ui>

Brandon Aaron  
Paul Bakaus (paulbakaus.com)  
David Bolter  
Rich Caloggero  
Chi Cheng (cloudream@gmail.com)  
Colin Clark (<http://colin.atrc.utoronto.ca/>)  
Michelle D'Souza  
Aaron Eisenberger (aaronchi@gmail.com)  
Ariel Flesler  
Bohdan Ganicky  
Scott González  
Marc Grabanski (m@marcgrabanski.com)  
Klaus Hartl (stilbuero.de)  
Scott Jehl  
Cody Lindley  
Eduardo Lundgren (eduardolundgren@gmail.com)  
Todd Parker  
John Resig  
Patty Toland  
Ca-Phun Ung (yelotofu.com)  
Keith Wood (kbwood@virginbroadband.com.au)  
Maggie Costello Wachs  
Richard D. Worth (rdworth.org)  
Jörn Zaefferer (bassistance.de)

**Embedded Copyright: jquery-tools 1.2.5**

\* <http://flowplayer.org/tools/>  
\*  
\* jQuery JavaScript Library v1.4.2  
\* <http://jquery.com/>  
\*  
\* Copyright 2010, John Resig  
\* Dual licensed under the MIT or GPL Version 2 licenses.  
\* <http://docs.jquery.com/License>  
\*  
\* Includes Sizzle.js  
\* <http://sizzlejs.com/>  
\* Copyright 2010, The Dojo Foundation  
\* Released under the MIT, BSD, and GPL Licenses.  
\*  
\* ----  
\*  
  
\* jquery.event.wheel.js - rev 1  
\* Copyright (c) 2008, Three Dub Media (<http://threedubmedia.com>)  
\* Licensed under the MIT License (MIT-LICENSE.txt)  
\* <http://www.opensource.org/licenses/mit-license.php>

### **Embedded Copyright: libxml2 2.9.7**

Authors:

Daniel Veillard <[daniel@veillard.com](mailto:daniel@veillard.com)>  
Bjorn Reese <[breesee@users.sourceforge.net](mailto:breesee@users.sourceforge.net)>  
William Brack <[wbrack@mmm.com.hk](mailto:wbrack@mmm.com.hk)>  
Igor Zlatkovic <[igor@zlatkovic.com](mailto:igor@zlatkovic.com)> for the Windows port  
Aleksey Sanin <[aleksey@aleksey.com](mailto:aleksey@aleksey.com)>

### **Embedded Copyright: llvm 5.0.1**

Copyright (c) 1992 - 1994 Henry Spencer. All rights reserved.  
Copyright (c) 2007 - 2010 by the Sphinx team, see AUTHORS.  
Copyright (c) 2001 Alexander Peslyak  
Copyright (c) 2001 - 2004 Unicode, Inc.  
Copyright (c) 2012 - 2016 , Yann Collet.  
Copyright (c) 1998 Todd C. Miller <[Todd.Miller@courtesan.com](mailto:Todd.Miller@courtesan.com)>  
Copyright (c) 2004 eXtensible Systems, Inc.  
Copyright (c) 2006 Kirill Simonov  
Copyright (c) 2000 Free Software Foundation, Inc.  
Copyright (c) 1997 Phillip F Knaack. All rights reserved.

### **Embedded Copyright: log4j 1.2.17**

Authors:

Avy Sharell  
Anders Kristensen  
Andrew Vajoczki  
Brad Marlborough  
Brent Sprecher  
Ceki Gulcu  
Chris Nokes  
Chris Taylor  
Christopher Taylor  
Curt Arnold  
Eirik Lygre  
Heinz Richter  
James P. Cakalic  
Kevin Steppe  
Mark Womack  
Michael A. McAngus  
Michael J. Sikorsky  
Paul Austin  
Paul Smith  
Richard Hurst  
Richard Wan

Robert Shaw  
Scott Deboy  
Simon Kitching  
The Regents of the University of California

**Embedded Copyright: log4j-core 2.11.2**

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

ResolverUtil.java  
Copyright 2005-2006 Tim Fennell

**Embedded Copyright: log4j-over-slf4j 1.7.25**

Authors:  
Christian Trutz <[christian.trutz@belaso.de](mailto:christian.trutz@belaso.de)>  
Sbastien Pennec  
Anders Kristensen  
Ceki G

**Embedded Copyright: log4j-slf4j-impl 2.11.2**

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

**Embedded Copyright: log4j-to-slf4j 2.11.2**

// Transitive dependencies of this project determined from the  
// maven pom organized by organization.  
// -----

Apache Log4j to SLF4J Adapter

From: 'QOS.ch' (<http://www.qos.ch>)  
- SLF4J API Module (<http://www.slf4j.org>) org.slf4j:slf4j-api:jar:1.7.25  
License: MIT License (<http://www.opensource.org/licenses/mit-license.php>)

From: 'The Apache Software Foundation' (<https://www.apache.org/>)  
- Apache Log4j API (<https://logging.apache.org/log4j/2.x/log4j-api/>) org.apache.logging.log4j:log4j-api:jar:2.11.2  
License: Apache License, Version 2.0 (<https://www.apache.org/licenses/LICENSE-2.0.txt>)

**Embedded Copyright: logback-classic 1.1.11**

Authors:  
Ceki Gulcu  
Sbastien Pennec  
Carl Harris  
Tomasz Nurkiewicz  
Ralph Goers  
Ray DeCampo  
James Strachan

**Embedded Copyright: logback-core 1.1.11**

Authors:  
Carl Harris  
Ceki Gulcu  
Bastien Pennec  
Sebastian Grbler  
David Roussel  
Mike Reinhold  
Ray DeCampo  
Tommy Becker  
Ruediger Dohna  
Aleksey Didik  
Tom SH Liu  
Anders Kristensen  
Michael A. McAngus  
Torsten Juergeleit  
Mikhail Mazursky  
Joern Huxhorn  
Maarten Bosteels

Christopher Lenz  
Michael Lynch  
James Stauffer  
Tomasz Nurkiewicz  
Ralph Goers  
Craig McClanahan  
Heinz Richter  
XuHuisheng  
Anthony Trinh

#### **Embedded Copyright: lucene 2.4.1**

The snowball stemmers in  
contrib/snowball/src/java/net/sf/snowball  
were developed by Martin Porter and Richard Boulton.  
The full snowball package is available from  
<http://snowball.tartarus.org/>

#### **Embedded Copyright: not-yet-commons-ssl 0.3.16**

The PKCS12 key derivation function was developed by BouncyCastle  
([bouncycastle.org](http://bouncycastle.org)). (Look for the "pkcs12()" method inside PKCS8.java).

Some of this software was originally developed by  
Credit Union Central of British Columbia (<http://www.cucbc.com/>).  
The CUCBC code was licensed to the Apache Software Foundation on  
August 23rd, 2006.

#### **Embedded Copyright: openldap-project 2.4.48**

Copyright (c) 1998-2012 Kurt D. Zeilenga.  
Copyright (c) 1998-2006 Net Boolean Incorporated.  
Copyright (c) 2001-2006 IBM Corporation. All rights reserved.  
Copyright (c) 1999-2008 Howard Y.H. Chu.  
Copyright (c) 1999-2008 Symas Corporation.  
Copyright (c) 1998-2003 Hallvard B. Furuseth.  
Copyright (c) 2007-2011 Gavin Henry.  
Copyright (c) 2007-2011 Suretec Systems Ltd. All rights reserved.  
Copyright (c) 1992-1996 Regents of the University of Michigan. All rights reserved.

#### **Embedded Copyright: openssl 1.1.1a**

Copyright (c) 2016-2018 The OpenSSL Project Authors. All Rights Reserved.  
Copyright (c) 1995-1998 Eric A. Young, Tim J. Hudson. All rights reserved.  
Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com). All rights reserved.  
Copyright (c) 2008 Andy Polyakov [appro@openssl.org](mailto:appro@openssl.org)  
Copyright (c) 2011 Google Inc.  
Copyright (c) 2012, 2014 Intel Corporation  
Copyright (c) 2007 KISA(Korea Information Security Agency). All rights reserved.  
Copyright (c) 2004 Kungliga Tekniska Högskolan (Royal Institute of Technology, Stockholm, Sweden). All rights reserved.  
Copyright (c) 2006 Network Resonance, Inc.  
Copyright (c) 2011 RTFM, Inc.  
Copyright (c) 2005 Nokia. All rights reserved.  
Copyright (c) 2006 NTT (Nippon Telegraph and Telephone Corporation). All rights reserved.  
Copyright (c) 1995 Patrick Powell  
Copyright (c) 2004 Richard Levitte <[richard@levitte.org](mailto:richard@levitte.org)>. All rights reserved.  
Copyright (c) 2002 The OpenTSA Project. All rights reserved.  
Copyright 2016 VMS Software, Inc. All Rights Reserved.  
Copyright (c) 1989, 1991 Free Software Foundation, Inc.  
Copyright (c) 2013 M. J. Dominus.  
Copyright (c) 2013 Mark Jason Dominus  
Copyright (c) 2012 Samuel Neves [sneves@dei.uc.pt](mailto:sneves@dei.uc.pt)  
Copyright (c) 2013-2014 Timo Teras [timo.teras@iki.fi](mailto:timo.teras@iki.fi)  
Copyright (c) 2016 Viktor Dukhovni <[openssl-users@dukhovni.org](mailto:openssl-users@dukhovni.org)>. All rights reserved.  
Copyright (c) 2015 CloudFlare, Inc.  
Copyright (c) 2012-2016 Jean-Philippe Aumasson  
Copyright (c) 2012-2014 Daniel J. Bernstein  
Copyright (c) 2017 National Security Research Institute. All Rights Reserved.  
Copyright (c) 2017 Ribose Inc. All Rights Reserved.  
Copyright (c) 2005 WiSeKey  
Copyright (c) 2004-2014, Akamai Technologies. All Rights Reserved.  
Copyright (c) 2021 Software AG, Darmstadt, Germany



Copyright (c) 2017 BaishanCloud. All rights reserved.  
Copyright (c) 2014-2016 Cryptography Research, Inc.  
Copyright (c) 2004, EdelKey Project. All Rights Reserved.

**Embedded Copyright: openssl 1.1.1c**

Copyright (c) 2008 Andy Polyakov [appro@openssl.org](mailto:appro@openssl.org)  
Copyright (c) 2011 Google Inc.  
Copyright (c) 2012, 2014 Intel Corporation  
Copyright (c) 2007 KISA(Korea Information Security Agency). All rights reserved.  
Copyright (c) 2004 Kungliga Tekniska Högskolan (Royal Institute of Technology, Stockholm, Sweden). All rights reserved.  
Copyright (c) 2006 Network Resonance, Inc.  
Copyright (c) 2011 RTFM, Inc.  
Copyright (c) 2005 Nokia. All rights reserved.  
Copyright (c) 2006 NTT (Nippon Telegraph and Telephone Corporation). All rights reserved.  
Copyright (c) 1995 Patrick Powell  
Copyright (c) 2004 Richard Levitte <[richard@levitte.org](mailto:richard@levitte.org)>. All rights reserved.  
Copyright (c) 2002 The OpenTSA Project. All rights reserved.  
Copyright 2016 VMS Software, Inc. All Rights Reserved.  
Copyright (c) 1989, 1991 Free Software Foundation, Inc.  
Copyright (c) 2013 M. J. Dominus.  
Copyright (c) 2013 Mark Jason Dominus  
Copyright (c) 2012 Samuel Neves [sneves@dei.uc.pt](mailto:sneves@dei.uc.pt)  
Copyright (c) 2013-2014 Timo Teras [timo.teras@iki.fi](mailto:timo.teras@iki.fi)  
Copyright (c) 2016 Viktor Dukhovni <[openssl-users@dukhovni.org](mailto:openssl-users@dukhovni.org)>. All rights reserved.  
Copyright (c) 2015 CloudFlare, Inc.  
Copyright (c) 2012-2016 Jean-Philippe Aumasson  
Copyright (c) 2012-2014 Daniel J. Bernstein  
Copyright (c) 2017 National Security Research Institute. All Rights Reserved.  
Copyright (c) 2017 Ribose Inc. All Rights Reserved.  
Copyright (c) 2005 WiSeKey  
Copyright (c) 2004-2014, Akamai Technologies. All Rights Reserved.  
Copyright (c) 2017 BaishanCloud. All rights reserved.  
Copyright (c) 2014-2016 Cryptography Research, Inc.  
Copyright (c) 2004, EdelKey Project. All Rights Reserved.

**Embedded Copyright: openssl 1.1.1d**

Copyright (c) 2008 Andy Polyakov [appro@openssl.org](mailto:appro@openssl.org)  
Copyright (c) 2011 Google Inc.  
Copyright (c) 2012, 2014 Intel Corporation  
Copyright (c) 2007 KISA(Korea Information Security Agency). All rights reserved.  
Copyright (c) 2004 Kungliga Tekniska Högskolan (Royal Institute of Technology, Stockholm, Sweden). All rights reserved.  
Copyright (c) 2006 Network Resonance, Inc.  
Copyright (c) 2011 RTFM, Inc.  
Copyright (c) 2005 Nokia. All rights reserved.  
Copyright (c) 2006 NTT (Nippon Telegraph and Telephone Corporation). All rights reserved.  
Copyright (c) 1995 Patrick Powell  
Copyright (c) 2004 Richard Levitte <[richard@levitte.org](mailto:richard@levitte.org)>. All rights reserved.  
Copyright (c) 2002 The OpenTSA Project. All rights reserved.  
Copyright 2016 VMS Software, Inc. All Rights Reserved.  
Copyright (c) 1989, 1991 Free Software Foundation, Inc.  
Copyright (c) 2013 M. J. Dominus.  
Copyright (c) 2013 Mark Jason Dominus  
Copyright (c) 2012 Samuel Neves [sneves@dei.uc.pt](mailto:sneves@dei.uc.pt)  
Copyright (c) 2013-2014 Timo Teras [timo.teras@iki.fi](mailto:timo.teras@iki.fi)  
Copyright (c) 2016 Viktor Dukhovni <[openssl-users@dukhovni.org](mailto:openssl-users@dukhovni.org)>. All rights reserved.  
Copyright (c) 2015 CloudFlare, Inc.  
Copyright (c) 2012-2016 Jean-Philippe Aumasson  
Copyright (c) 2012-2014 Daniel J. Bernstein  
Copyright (c) 2017 National Security Research Institute. All Rights Reserved.  
Copyright (c) 2017 Ribose Inc. All Rights Reserved.  
Copyright (c) 2005 WiSeKey  
Copyright (c) 2004-2014, Akamai Technologies. All Rights Reserved.  
Copyright (c) 2017 BaishanCloud. All rights reserved.  
Copyright (c) 2014-2016 Cryptography Research, Inc.  
Copyright (c) 2004, EdelKey Project. All Rights Reserved.

### **Embedded Copyright: openssl 1.1.1e**

Stephen Henson of the OpenSSL core team  
Andy Polyakov of the OpenSSL core team  
Jouni Malinen <j@w1.fi>  
Nils Larsch <nla@trustcenter.de>  
Crispin Flowerday <crispin@flowerday.cx>  
Yngve Nysaeter Pettersen <yngve@opera.com>  
Solar Designer <solar@openwall.com>  
Toomas Kiisk <vix@cyber.ee>  
Diego Tartara <dtartara@novamens.com>  
Massimiliano Pala <madwolf@comune.modena.it>  
Kenneth R. Robinette <support@securenetterm.com>  
Steve Haslam <steve@araqnid.ddts.net>  
Sam Varshavchik <mrsam@courier-mta.com>  
Arne Ansper <arne@ats.cyber.ee>  
Dominikus Scherkl <Dominikus.Scherkl@biodata.com>  
Rich Salz <rsalz@zolera.com>  
Andy Schneider <andy.schneider@bjss.co.uk>  
Jim Ellis <jim.ellis@cavium.com>  
Adam Young <AYoung1@NCSUS.JNJ.COM>  
Douglas E. Engert <deengert@anl.gov>  
Heyun Zheng <hzheng@atdsprint.com>  
shige@FreeBSD.org  
Massimiliano Pala <madwolf@opensca.org>  
<oddissey@samsung.co.kr>  
Eric Day <eday@concentric.net>  
Anders Gertz <gertz@epact.se>  
Sven Heiberg <sven@tartu.cyber.ee>  
Rene Grosser <grosser@hisolutions.com>  
Michael Attili <attili@amaxo.com>  
Yost William <YostW@tce.com>  
Brian Korver <briank@cs.stanford.edu>  
Andrew W. Gray <agray@iconsinc.com>  
Peter Runestig <peter@runestig.com>  
David Sacerdote <das33@cornell.edu>  
Ulf Moller  
Steve Henson  
Sampo Kellomaki <sampo@mail.neuronio.pt>  
Doug Erickson <Doug.Erickson@Part.NET>  
Brian Wellington <bwellington@tislabs.com>  
Brien Wheeler <bhwheeler@authentica-security.com>  
Erwann ABALEA <eabalea@certplus.com>  
Jeremy Hylton <jeremy@cnri.reston.va.us>  
Jun-ichiro itojun Hagino <itojun@kame.net>  
Ulf Moller <ulf@fitug.de>  
Eric Young (eay@cryptsoft.com)  
Tim Hudson (tjh@cryptsoft.com)  
Eric A. Young and Tim J. Hudson  
Christophe Renou and Peter Sylvester, for the EdelKey project  
Vincent Rijmen  
Antoon Bosselaers  
Paulo Barreto  
Andy Polyakov <appro@openssl.org> for the OpenSSL project  
David S. Miller and Andy Polyakov  
<appro@openssl.org>  
Patrick Powell <papowell@astart.com>  
Samuel Neves  
Shay Gueron  
Mike Hamburg  
Marc Bevand  
Eric Rescorla <ekr@rtfm.com>

### **Embedded Copyright: poco 1.9.0**

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Copyright (c) 2006 Taxus SI Ltd., <http://www.taxussi.com.pl>  
Copyright (c) 1997 - 2016 University of Cambridge  
Copyright (c) 2006 - 2008, 2010, 2012 the V8 project authors. All rights reserved.  
Copyright (c) 1998 - 2000 Thai Open Source Software Center Ltd  
Copyright (c) 1995 - 2017 , Jean-loup Gailly, Mark Adler  
Copyright (c) 2005 O'Reilly Media, Inc.  
Copyright (c) 1990 - 1991 -2, RSA Data Security, Inc. Created .  
Copyright (c) 1995 - 2017 Jean-loup Gailly and Mark Adler  
Copyright (c) 2011 Anton V. Yabchinskiy (arn at bestmx dot ru).  
Copyright (c) 2009 - 2013 Code Synthesis Tools CC  
Copyright (c) 2006 Mateusz Loskot (mloskot@loskot.net)  
Copyright (c) 2001 - 2003 Expat maintainers.  
Copyright (c) 2001 Addison-Wesley  
Copyright (c) 2006 Mateusz Loskot (mateusz@loskot.net)  
Copyright (c) 2007 - 2012 University of Illinois at Urbana-Champaign.  
Copyright (c) 2001 by Andrei Alexandrescu  
Copyright (c) 2001 Nicolai M. Josuttis .  
Copyright (c) 2007 Calum Grant  
Copyright (c) 2001 - 2004 Unicode, Inc.  
Copyright (c) 2000 - 2002 Kevlin Henney, . All rights reserved.  
Copyright (c) 2005, 2008 Andreas Schneider <[mail@cynapses.org](mailto:mail@cynapses.org)>  
Copyright (c) 2013 Nathan Osman  
Copyright (c) 2014 Siemens AG,

### **Embedded Copyright: poi 3.9**

Authors:

Avinash Kewalramani  
Alex Jacoby  
Amol S. Deshmukh  
Andrew C. Oliver  
Andrew Shirley  
Aniket Banerjee  
Avik Sengupta  
Bernard Chesnoy  
Brendan Nolan  
Brian Sanders  
Cameron Riley  
Carey Sublette  
CrystalReports  
Csaba Nagy  
Dan Sherman  
Daniel Noll  
Daniele Montagni  
Danny Mui  
David Lewis  
Dennis Doubleday  
Dmitriy Kumshayev  
Dragos Buleandra  
Drew Varner  
Eric Ladner  
Eric Pugh  
Evgeniy Berlog  
Frank Taffelt  
Gary King  
Gisella Bronzetti  
Glen Stampoultzis  
Hack Kampbjorn  
Jason Height  
Jean-Pierre Paris  
Jens Gerhard  
Josh Micich  
Ken Arnold  
Libin Roman  
Luc Girardin  
Mads Mohr Christensen  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Manda Wilson  
Marc Johnson  
Mark Hissink Muller  
Maxim Valyanskiy  
Michael P. Harhen  
Michael Zalewski  
Nick Burch  
Nicola Ken Barozzi  
Niklas Rehfeld  
Olivier Leprince  
Patrick Cheng  
Patrick Luby  
Paul Krause  
Paul Tomlin  
Pavel Krupets  
Peter M. Murray  
Petr Udalau  
Rainer Klute  
Rainer Schwarze  
Robert Kish  
Rolf-Jrgen Moll  
Roman Kashitsyn  
Rubin Wang  
Sergei Kozello  
Sergey Vladimirov  
Shawn M. Laubach  
Stephen Wolke  
Steven Butler  
Thies Wellpott  
Torstein Tauno Svendsen  
Toshiaki Kamoshida  
Vladimirs Abramovs  
Wayne Clingingsmith  
Werner Froidevaux  
Yegor Kozlov  
Zhang Zhang

### **Embedded Copyright: protobuf 3.7.1**

Copyright (c) 2008 Paolo Bonzini <bonzini@gnu.org>  
Copyright (c) 2012 Avionic Design GmbH  
Copyright (c) 2007-2010 Baptiste Lepilleur  
Copyright (c) 2008 Benjamin Kosnik <bkoz@redhat.com>  
Copyright (c) 2012 Zack Weinberg <zackw@panix.com>  
Copyright (c) 2013 Roy Stogner <roystgnr@ices.utexas.edu>  
Copyright (c) 2014-2016 Google Inc.; contributed by Alexey Sokolov <sokolov@google.com>  
Copyright (c) 2015 Paul Norman <penorman@mac.com>  
Copyright (c) 2015 Moritz Klammler <moritz@klammler.eu>  
Copyright (c) 2016 Krzesimir Nowak qdlacz@gmail.com  
Copyright (c) 2008 Steven G. Johnson <stevenj@alum.mit.edu>  
Copyright (c) 2011 Daniel Richard G. skunk@iSKUNK.ORG  
Copyright (C) 1992-2018 Free Software Foundation, Inc.  
Copyright (C) 1994 X Consortium  
Copyright (c) 2007 Neal Norwitz

### **Embedded Copyright: rhino 1.7R3**

Copyright 1997, 1998 Sun Microsystems, 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: \* \* - Redistributions of source code must retain the above copyright \* notice, this list of conditions and the following disclaimer. \* \* - 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. \* \* - Neither the name of Sun Microsystems 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.

#### **Embedded Copyright: saxpath 1.0-FCS**

The following people have contributed to the SAXPath project. Many thanks to you all! Bob McWhirter James Strachan Guoliang Cao David Peterson Jérôme Nègre Mark A. Belonga

#### **Embedded Copyright: servlet-api\_jsr154 2.5**

The contents of this file are subject to the terms of the Common Development and Distribution License (the "License"). You may not use this file except in compliance with the License. You can obtain a copy of the license at [glassfish/bootstrap/legal/CDDLv1.0.txt](https://glassfish.dev.java.net/public/CDDLv1.0.txt) or <https://glassfish.dev.java.net/public/CDDLv1.0.html>. See the License for the specific language governing permissions and limitations under the License. When distributing Covered Code, include this CDDL HEADER in each file and include the License file at [glassfish/bootstrap/legal/CDDLv1.0.txt](https://glassfish.dev.java.net/public/CDDLv1.0.txt). If applicable, add the following below this CDDL HEADER, with the \* fields enclosed by brackets "[]" replaced with your own identifying information: Portions Copyright [yyyy] [name of copyright owner] Copyright 2005 Sun Microsystems, Inc. All rights reserved. Portions Copyright Apache Software Foundation.

#### **Embedded Copyright: slf4j-log4j12 1.7.0**

Copyrights holders and authors:  
QOS.ch

#### **Embedded Copyright: snakeyaml 1.19**

Copyright (c) 2008 Google Inc.  
Copyright (c) styles  
Copyright (c) 2003 - 2010 Christian dHeureuse, Inventec Informatik AG, Zurich, Switzerland

#### **Embedded Copyright: snakeyaml 1.24**

Copyright (c) 2008 Google Inc.  
Copyright (c) 2003 - 2010 Christian dHeureuse, Inventec Informatik AG, Zurich, Switzerland

#### **Embedded Copyright: sphinx 3.0.1**

Josip Dzolonga  
Taku Kudo  
Wouter van der Graaf <[wouter@dynora.nl](mailto:wouter@dynora.nl)>  
David Goodger <[goodger@python.org](mailto:goodger@python.org)>  
Fred Drake  
Francois Revol <[revol@free.fr](mailto:revol@free.fr)> Stephan Assmus <[superstippi@gmx.de](mailto:superstippi@gmx.de)>  
Armin Ronacher <[armin.ronacher@active-4.com](mailto:armin.ronacher@active-4.com)>  
Bob Ippolito  
Vivake Gupta  
Andi Albrecht  
Armin Ronacher  
snowballcode generator <<https://github.com/shibukawa/snowball>>  
Eric Holscher  
Wolfgang Schauble & G'Beckstein  
Wolfgang Schauble  
Zhu Zhe Ming

#### **Embedded Copyright: spring-aop 4.3.22.RELEASE**

Authors

Rod Johnson, Juergen Hoeller, Alef Arendsen, Colin Sampaleanu, Rob Harrop, Thomas Risberg, Darren Davison, Dmitriy Kopylenko, Mark Pollack, Thierry Templier, Erwin Vervaeke, Portia Tung, Ben Hale, Adrian Colyer, John Lewis, Costin Leau, Rick Evans

#### **Embedded Copyright: spring-boot 1.5.19.RELEASE**

Authors:

Phillip Webb, Dave Syer, Josh Long, Stphane Nicoll, Rob Winch, Andy Wilkinson, Marcel Overdijk, Christian Dupuis, Sbastien Deleuze, Michael Simons, Vedran Pavi, Jay Bryant, Madhura Bhav

#### **Embedded Copyright: spring-boot-actuator 1.5.19.RELEASE**

Authors:

Phillip Webb, Dave Syer, Josh Long, Stphane Nicoll, Rob Winch, Andy Wilkinson, Marcel Overdijk, Christian Dupuis, Sbastien Deleuze, Michael Simons, Vedran Pavi, Jay Bryant, Madhura Bhav

#### **Embedded Copyright: spring-boot-autoconfigure 1.5.19.RELEASE**

Authors:

Phillip Webb, Dave Syer, Josh Long, Stphane Nicoll, Rob Winch, Andy Wilkinson, Marcel Overdijk, Christian Dupuis, Sbastien Deleuze, Michael Simons, Vedran Pavi, Jay Bryant, Madhura Bhav

### **Embedded Copyright: spring-boot-starter-actuator 1.5.19.RELEASE**

Authors

Phillip Webb, Dave Syer, Josh Long, Stphane Nicoll, Rob Winch, Andy Wilkinson, Marcel Overdijk, Christian Dupuis, Sbastien Deleuze, Michael Simons, Vedran Pavi, Jay Bryant, Madhura Bhav

### **Embedded Copyright: spring-boot-starter-aop 1.5.19.RELEASE**

Authors

Phillip Webb, Dave Syer, Josh Long, Stphane Nicoll, Rob Winch, Andy Wilkinson, Marcel Overdijk, Christian Dupuis, Sbastien Deleuze, Michael Simons, Vedran Pavi, Jay Bryant, Madhura Bhav

### **Embedded Copyright: spring-boot-starter-logging 1.5.19.RELEASE**

Authors

Phillip Webb, Dave Syer, Josh Long, Stphane Nicoll, Rob Winch, Andy Wilkinson, Marcel Overdijk, Christian Dupuis, Sbastien Deleuze, Michael Simons, Vedran Pavi, Jay Bryant, Madhura Bhav

### **Embedded Copyright: spring-boot-starter-security 1.5.19.RELEASE**

Authors

Phillip Webb, Dave Syer, Josh Long, Stphane Nicoll, Rob Winch, Andy Wilkinson, Marcel Overdijk, Christian Dupuis, Sbastien Deleuze, Michael Simons, Vedran Pavi, Jay Bryant, Madhura Bhav

### **Embedded Copyright: spring-boot-starter-tomcat 1.5.19.RELEASE**

Authors

Phillip Webb, Dave Syer, Josh Long, Stphane Nicoll, Rob Winch, Andy Wilkinson, Marcel Overdijk, Christian Dupuis, Sbastien Deleuze, Michael Simons, Vedran Pavi, Jay Bryant, Madhura Bhav

### **Embedded Copyright: spring-boot-starter-web 1.5.19.RELEASE**

Authors

Phillip Webb, Dave Syer, Josh Long, Stphane Nicoll, Rob Winch, Andy Wilkinson, Marcel Overdijk, Christian Dupuis, Sbastien Deleuze, Michael Simons, Vedran Pavi, Jay Bryant, Madhura Bhav

### **Embedded Copyright: spring-context 3.2.18.RELEASE**

Authors:

Adrian Colyer  
Alef Arendsen  
Andy Clement  
Arjen Poutsma  
Chris Beams  
Christian Dupuis  
Colin Sampaleanu  
Costin Leau  
Dave Syer  
David Boden  
Dmitriy Kopylenko  
Jean-Pierre Pawlak  
Jennifer Hickey  
Juergen Hoeller  
Keith Donald  
Mark Fisher  
Oliver Gierke  
Phillip Webb  
Ramnivas Laddad  
Rick Evans  
Rob Harrop  
Rod Johnson  
Rossen Stoyanchev  
Sam Brannen  
Seth Ladd

### **Embedded Copyright: spring-context 4.3.22.RELEASE**

Authors

Rod Johnson , Juergen Hoeller , Keith Donald , Colin Sampaleanu , Rob Harrop , Thomas Risberg , Alef Arendsen , Darren Davison , Dmitriy Kopylenko , Mark Pollack , Thierry Templier , Erwin Vervae , Portia Tung , Ben Hale , Adrian Colyer , John Lewis , Costin Leau , Mark Fisher , Sam Brannen , Ramnivas Laddad , Arjen Poutsma , Chris Beams , Tareq Abedrabbo , Andy Clement , Dave Syer , Oliver Gierke , Rossen Stoyanchev , Phillip Webb , Rob Winch , Brian Clozel , Stephane Nicoll , Sebastien Deleuze

### **Embedded Copyright: spring-core 4.3.22.RELEASE**

Authors

Rod Johnson , Juergen Hoeller , Keith Donald , Colin Sampaleanu , Rob Harrop , Thomas Risberg , Alef Arendsen , Darren Davison , Dmitriy Kopylenko , Mark Pollack , Thierry Templier , Erwin Vervae , Portia Tung , Ben Hale , Adrian Colyer , John Lewis , Costin Leau , Mark Fisher , Sam Brannen , Ramnivas Laddad , Arjen Poutsma , Chris Beams , Tareq Abedrabbo , Andy Clement , Dave Syer , Oliver Gierke , Rossen Stoyanchev ,  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Phillip Webb , Rob Winch , Brian Clozel , Stephane Nicoll , Sebastien Deleuze

**Embedded Copyright: spring-expression 4.3.22.RELEASE**

Authors

Rod Johnson, Juergen Hoeller, Alef Arendsen, Colin Sampaleanu, Rob Harrop, Thomas Risberg, Darren Davison, Dmitriy Kopylenko, Mark Pollack, Thierry Templier, Erwin Vervaeke, Portia Tung, Ben Hale, Adrian Colyer, John Lewis, Costin Leau, Rick Evans

**Embedded Copyright: spring-projects-spring-framework 5.1.3.RELEASE**

Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

Copyright (c) 1999-2009 OW2 Consortium <http://www.ow2.org/>

**Embedded Copyright: spring-security-config 4.2.11.RELEASE**

authors:

Rob Winch

Luke Taylor

Ben Alex

Oliver Becker

Marten Deinum

Keesun Baik

This product includes software developed by Spring Security

Project (<http://www.springframework.org/security>).

**Embedded Copyright: spring-security-core 3.2.10.RELEASE**

Copyrights holders and authors:

Alan Stewart

Andrei Stefan

Annabelle Donald

Ben Alex

Brian Moseley

Corgan Donald

Dave Syer

Hervé Boutemy

Jose Santos

Keith Donald

Laurent Pireyn ([laurent.pireyn@pisolutions.eu](mailto:laurent.pireyn@pisolutions.eu))

Leonardo Pinto ([leoviveiros@gmail.com](mailto:leoviveiros@gmail.com))

Luke Taylor

Marten Deinum

Michael Mayr

Ray Krueger

Rob Winch

Ruud Senden

Ryan Heaton

Scott Battaglia

Valentin Crettaz ([valentin.crettaz@consulthys.com](mailto:valentin.crettaz@consulthys.com))

**Embedded Copyright: spring-security-core 4.2.11.RELEASE**

Copyright (c) 2004, 2005, 2006 Acegi Technology Pty Limited

Copyright (c) 2006 Damien Miller <[djm@mindrot.org](mailto:djm@mindrot.org)>

**Embedded Copyright: spring-security-core 5.0.6.RELEASE**

Copyright (c) 2006 Damien Miller <[djm@mindrot.org](mailto:djm@mindrot.org)>

**Embedded Copyright: spring-web 4.3.22.RELEASE**

Authors

Rod Johnson, Juergen Hoeller, Alef Arendsen, Colin Sampaleanu, Rob Harrop, Thomas Risberg, Darren Davison, Dmitriy Kopylenko, Mark Pollack, Thierry Templier, Erwin Vervaeke, Portia Tung, Ben Hale, Adrian Colyer, John Lewis, Costin Leau, Rick Evans

**Embedded Copyright: spring-webmvc 4.3.22.RELEASE**

Authors

Rod Johnson, Juergen Hoeller, Alef Arendsen, Colin Sampaleanu, Rob Harrop, Thomas Risberg, Darren Davison, Dmitriy Kopylenko, Mark Pollack, Thierry Templier, Erwin Vervaeke, Portia Tung, Ben Hale, Adrian Colyer, John Lewis, Costin Leau, Rick Evans

**Embedded Copyright: xercesImpl 2.12.0**

Copyright (c) 2000 - 2001, 2004 World Wide Web Consortium, <http://www.w3.org>

Copyright (c) 1999, 2001 - 2002 Sun Microsystems., <http://www.sun.com>.

Copyright (c) 1999, 2003 IBM Corporation., <http://www.ibm.com>. All Rights Reserved.

Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Apama Core Community Edition (PAK) Version 10.5

Copyright (c) 1999 - 2002 , Lotus Development Corporation.

### **Embedded Copyright: xml-apis 1.4.01**

Copyright (c) 1999, IBM Corporation., <http://www.ibm.com>.

Copyright (c) 1999, Sun Microsystems., <http://www.sun.com>.

Copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>

### **Embedded Copyright: xml-apis 1.4.1**

This product includes software developed at

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

Portions of this software were originally based on the following:

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

END OF LEGAL NOTICES