

**Third-party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct**

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 LICENSORS. SOFTWARE AG IS OBLIGED TO PASS ANY CURRENT AND FUTURE TERMS OF SUCH LICENSES THROUGH TO ITS LICENSEES.

No.	Name	Version	Copyright	License
1	ant-contrib	1.0b3	Copyright (c) 2001-2003 Ant-Contrib project. All rights reserved.	Apache License 1.1
2	antlr	2.7.6	Copyright (c) 2010 Terence Parr All rights reserved.	ANTLR Software Rights Notice
3	apache-ant	1.8.2	Copyright 1999-2010 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
4	apache-axis	1.4	Copyright 2001-2004 The Apache Software Foundation.	Apache License 2.0
5	apache-commons-beanutils	1.8.3	Copyright 2000-2010 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
6	apache-commons-beanutils	1.9.3	Copyright (c) 2002-2016 The Apache Software Foundation	Apache License 2.0
7	apache-commons-collections	3.1	Copyright 2001-2004 The Apache Software Foundation	Apache License 2.0
8	apache-commons-collections	3.2.2	Copyright 2001-2015 The Apache Software Foundation	Apache License 2.0
9	apache-commons-fileupload	1.3.2	Copyright 2002-2016 The Apache Software Foundation	Apache License 2.0
10	apache-commons-httpclient	3.1	Copyright 1999-2007 The Apache Software Foundation.	Apache License 2.0 Embedded License(s)
11	apache-commons-io	2.4	Apache Commons IO Copyright 2002-2012 The Apache Software Foundation  This product includes software developed by The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ).	Apache License 2.0
12	apache-commons-lang	2.5	Copyright(c) 2001-2010 The Apache Software Foundation. All rights reserved.	Apache License 2.0
13	apache-commons-lang	2.6	Copyright © 2001-2011 The Apache Software Foundation. All Rights Reserved.	Apache License 2.0
14	apache-db-derby	10.8.2.2	Copyright 2004-2011 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
15	apache-geronimo-specs	1.1.1	Copyright 2003-2008 The Apache Software Foundation	Apache License 2.0
16	apache-httpclient	4.1.3	Copyright 1999-2012 The Apache Software Foundation.	Apache License 2.0 Embedded License(s)
17	apache-httpcore	4.2.2	Copyright 2005-2012 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
18	apache-jakarta-commons-cli	1.1	Copyright 2001-2007 The Apache Software Foundation	Apache License 2.0
19	apache-jakarta-commons-cli	1.3.1	Copyright 2001-2015 The Apache Software Foundation	Apache License 2.0
20	apache-jakarta-commons-codec	1.4	Copyright 2002-2009 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
21	apache-jakarta-commons-codec	1.6	Copyright(c) 2002-2011 The Apache Software Foundation. All rights reserved.	Apache License 2.0 Embedded License(s)
22	apache-jakarta-commons-codec	1.9	Copyright 2002-2013 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
23	apache-jakarta-commons-digester	1.8.1	Copyright 2001-2008 The Apache Software Foundation	Apache License 2.0
24	apache-jakarta-commons-discovery	0.4	Copyright 2002-2006 The Apache Software Foundation.	Apache License 2.0 Embedded License(s)
25	apache-jakarta-commons-logging	1.1	Copyright 2001-2004 The Apache Software Foundation.	Apache License 2.0
26	apache-jakarta-commons-logging	1.1.1	Copyright 2001-2007 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
27	apache-jakarta-commons-logging	1.2	Copyright 2003-2014 The Apache Software Foundation	Apache License 2.0

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

No.	Name	Version	Copyright	License
28	apache-jakarta-commons-validator	1.5.1	Copyright (c) 2001-2016 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
30	apache-log4j	1.2.16	Copyright 2007 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
31	apache-log4j	1.2.17	Copyright 2010 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
32	apache-shiro	1.3.2	Copyright (c) 2008-2012 The Apache Software Foundation	Apache License 2.0
33	apache-velocity	1.5	Copyright (C) 2000-2007 The Apache Software Foundation	Apache License 2.0
34	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 ( <a href="http://www.apache.org">http://www.apache.org</a> ).	Apache License 2.0 Embedded License(s)
35	apache-xerces-j	2.11.0	Copyright 1999-2012 The Apache Software Foundation	Apache License 2.0
36	apache-xmlbeans	2.3.0	Copyright(c) 2004 The Apache Software Foundation. All rights reserved.	Apache License 2.0 Embedded License(s)
37	apache-xmlbeans	2.4.0	software copyright (c) 2000-2003, BEA Systems, < <a href="http://www.bea.com/">http://www.bea.com/</a> >.	Apache License 2.0 Embedded License(s)
38	Apple JavaApplication Stub Binary Module	1.0	Copyright 2007 Apple Inc. All rights reserved.	Apple JavaApplication Stub Binary Module License
39	beanshell-project	2.0b4	Copyright (c) 2000 Patrick Niemeyer. All Rights Reserved.	GNU Lesser General Public License v2.1
40	bootstrap	3.3.1	Copyright 2011-2014 Twitter, Inc.	MIT License (also X11)
41	castor-core	1.3.3	Copyright 1999-2004 (C) Intalio Inc., and others. All Rights Reserved.	Apache License 2.0
42	castor-xml-schema	1.3.3	Copyright 1999-2004 (C) Intalio Inc., and others. All Rights Reserved.	Intalio License
43	castor-xml	1.3.3	Copyright 1999-2003 (C) Intalio Inc. All Rights Reserved.	Apache License 2.0
44	codehaus-woodstox	4.4.1	Copyright (c) 2004 Tatu Saloranta, tatu.saloranta@iki.fi	Apache License 2.0
45	codewall-barbagallo-jquery-events-for-start-stop-scrolling	2016	Copyright (c) 2016 John Paul Barbagallo, <a href="http://johnbarbagallo.com">http://johnbarbagallo.com</a>	codewall-jquery-events-for-start-stop-scrolling
46	com.sun.el	2.2.0.v201108011116	Copyright (c) 1997-2010 Oracle and/or its affiliates. All rights reserved.	Eclipse Public License 1.0 Embedded License(s)
47	commons-lang3	3.3.2	Copyright 2001-2014 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
48	commons-lang	2.6	Copyright 2001-2011 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
49	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
50	cowboy-jquery-resize	1.1	Copyright (c) 2010 "Cowboy" Ben Alman	MIT License (also X11)
51	csrfguard	3.1.0	Eric Sheridan (eric@infraredsecurity.com), Copyright (c) 2011 All rights reserved.	BSD 3-clause "New" or "Revised" License
52	dom4j	1.6.1	Copyright 2001-2005 (C) MetaStuff, Ltd. All Rights Reserved.	dom4j License

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

No.	Name	Version	Copyright	License
53	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
54	eclipse-jdt-core	3.7.1	Copyright (c) 2000, 2010 IBM Corporation and others. * All rights reserved	Eclipse Public License 1.0
55	enter-zip64file-02847	1.2	Copyright (c) Enter AG	TAC#02847
56	entrust-security-toolkit-01846	8.0.33	Entrust	TAC#1846
57	esapi.owasp	2.0.1	Copyright (c) 2007 - 2010 The OWASP Foundation	BSD 3-clause "New" or "Revised" License
58	fasterxml-jackson-annotations	2.3	Copyright ©2009 FasterXML, LLC	Apache License 2.0
59	fasterxml-jackson-databind	2.3.3	Copyright (c) Tatu Saloranta (tatu.saloranta@iki.fi)	Apache License 2.0
60	fasterxml-jackson-jaxrs-base	2.3.3	Copyright (c) 2007 Tatu Saloranta, tatu.saloranta@iki.fi	Apache License 2.0
61	fasterxml-jackson-jaxrs-json-provider	2.3.3	Copyright (c)Tatu Saloranta, tatu.saloranta@iki.fi	Apache License 2.0
62	fasterxml-jackson-module-jaxb-annotations	2.3.3	Copyright (c) 2007 Tatu Saloranta (tatu.saloranta@iki.fi)	Apache License 2.0 Embedded License(s)
63	finagle-core_2.9.2	6.6.2	Finagle is maintained by Twitter, Inc.	Apache License 2.0
64	finagle-thrift_2.9.2	6.6.2	Finagle is maintained by Twitter, Inc.	Apache License 2.0
65	gf.aopalliance-repackaged.jar	2.2.0	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
66	gf.asm-all-repackaged.jar	2.2.0	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.	GlassFish - Common Development and Distribution License 1.1 Embedded License(s)
67	gf.asm-all-repackaged.jar	3.3	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.	GlassFish - Common Development and Distribution License 1.1
68	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.	GlassFish - Common Development and Distribution License 1.1
69	gf.hk2-api.jar	2.2.0	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
70	gf.hk2-locator.jar	2.2.0	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
71	gf.hk2-utils.jar	2.2.0	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

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

No.	Name	Version	Copyright	License
72	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.	GlassFish - Common Development and Distribution License 1.1
73	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.	GlassFish - Common Development and Distribution License 1.1
74	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.	GlassFish - Common Development and Distribution License 1.1
75	gf.javax.annotation-api.jar	1.20	Copyright (c) 1997-2011 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
76	gf.javax.annotation.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.	GlassFish - Common Development and Distribution License 1.1
77	gf.javax.ejb.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.	GlassFish - Common Development and Distribution License 1.1
78	gf.javax.el-api.jar	2.2.4	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.	GlassFish - Common Development and Distribution License 1.1
79	gf.javax.inject.jar	2.2.0	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
80	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.	GlassFish - Common Development and Distribution License 1.1
81	gf.javax.mail.jar	1.4.4 (API 1.4)	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.	GlassFish - Common Development and Distribution License 1.1
82	gf.javax.resource.jar	1.6	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.	GlassFish - Common Development and Distribution License 1.1

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

No.	Name	Version	Copyright	License
83	gf.javax.security.auth.message.jar	1.0	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.	GlassFish - Common Development and Distribution License 1.1
84	gf.javax.servlet-api.jar	3.0.1	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.	GlassFish - Common Development and Distribution License 1.1
85	gf.javax.servlet.jsp-api.jar	2.2.1	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.	GlassFish - Common Development and Distribution License 1.1
86	gf.javax.servlet.jsp.jar	2.2.5	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.	GlassFish - Common Development and Distribution License 1.1
87	gf.javax.servlet.jsp.jstl-api.jar	1.2.1	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.	GlassFish - Common Development and Distribution License 1.1
88	gf.javax.servlet.jsp.jstl.jar	1.2.1	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.	GlassFish - Common Development and Distribution License 1.1
89	gf.javax.transaction.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.	GlassFish - Common Development and Distribution License 1.1
90	gf.javax.ws.rs-api.jar	2.00	Copyright (c) 1997-2011 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
91	gf.jaxb-api-osgi.jar	2.2.6	Copyright (c) 1997-2010 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
92	gf.jaxb-osgi.jar	2.2.5	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.	GlassFish - Common Development and Distribution License 1.1
93	gf.jaxm-api.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.	GlassFish - Common Development and Distribution License 1.1

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

No.	Name	Version	Copyright	License
94	gf.jaxr-api-osgi.jar	1.0	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.	GlassFish - Common Development and Distribution License 1.1
95	gf.jaxrpc-api-osgi.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.	GlassFish - Common Development and Distribution License 1.1
96	gf.jersey-client.jar	2.6.0	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
97	gf.jersey-common.jar	2.6.0	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
98	gf.jersey-container-servlet-core.jar	2.6.0	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
99	gf.jersey-container-servlet.jar	2.6	Copyright (c) 2012-2013 Oracle and/or its affiliates. All rights reserved.	GlassFish - Common Development and Distribution License 1.1
100	gf.jersey-guava.jar	2.6.0	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
101	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.	GlassFish - Common Development and Distribution License 1.1
102	gf.jersey-media-sse.jar	2.6.0	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
103	gf.jersey-server.jar	2.6.0	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
104	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.	GlassFish - Common Development and Distribution License 1.1
105	glassfish	4.1.1	Copyright (c) 2015 Oracle Corporation and/or its affiliates. Last updated: 10/8/15	Common Development and Distribution License 1.1

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

No.	Name	Version	Copyright	License
106	guava-libraries	19.0	Copyright (C) 2010 The Guava Authors	Apache License 2.0
107	guava	13.0.1	Copyright (C) 2007 The Guava Authors	Apache License 2.0
108	guava	14.0.1	Copyright (C) 2011 The Guava Authors	Apache License 2.0
109	h2database-h2	1.1.116	Copyright 2004-2009 H2 Group	Eclipse Public License 1.0
110	hewlett-packard-jdk-01898	8.0.10	Copyright (c) Hewlett Packard Enterprise Company	TAC#01898
111	hibernate-core	3.3.1.GA	Copyright (c) 2008, Red Hat Middleware LLC or third-party contributors as indicated by the @author tags or express copyright attribution statements applied by the authors. All third-party contributions are distributed under license by Red Hat Middleware LLC.	GNU Lesser General Public License v2.1
112	httpclient	4.2.3	Copyright 1999-2012 The Apache Software Foundation	Apache License 2.0
113	httpclient	4.4.1	Copyright 1999-2015 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
114	httpcore	4.1.3	The Apache Software Foundation (ASF)	Apache License 2.0 Embedded License(s)
115	httpcore	4.4.1	Copyright 2005-2015 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
116	ibm-jdk-aix-02113	1.8.0 SR4 FP7	Copyright (c) IBM Corporation	TAC#02113
117	ibm-jdk-zlinux-02113	IBM SR4 FP7	Copyright (c) IBM Corporation	TAC#02113
118	ical4j	1.0-beta2	Copyright (c) 2006, Ben Fortuna All rights reserved.	BSD 3-clause "New" or "Revised" License
119	icu4j	4.0.1.1	Copyright (C) 2006-2008, International Business Machines Corporation and others. All Rights Reserved.	ICU License
120	idle-timer	0.9.100511	Copyright (c) 2009 Nicholas C. Zakas	MIT License (also X11)
121	jackson	2.3.3	Copyright (c) 2007 Tatu Saloranta, tatu.saloranta@iki.fi	Apache License 2.0
122	javassist	3.18.1-GA	Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.	Apache License 2.0
123	javassist	3.8.0.GA	Copyright (C) 1999-2007 Shigeru Chiba. All Rights Reserved.	GNU Lesser General Public License v2.1
124	javax.activation	1.1	Copyright 1997-2005 Sun Microsystems, Inc. All Rights Reserved.	Apache License 2.0
125	javax.activation	1.1.0.v201105071233	Copyright 2003-2007 The Apache Software Foundation This product includes software developed at The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ).	Apache License 2.0 Embedded License(s)
126	jaxen	1.1.1	Copyright 2003-2006 The Werken Company. All Rights Reserved.	BSD 3-clause "New" or "Revised" License
127	jcl-over-slf4j	1.7.7	Copyright (c) 2004-2013 QOS.ch All rights reserved.	MIT License (also X11)
128	jcommander	1.32	Copyright (C) 2010 the original author or authors. See the notice.md file distributed with this work for additional information regarding copyright ownership.	Apache License 2.0
129	jdk-hp	8.0.08	Copyright Hewlett-Packard Development Company, L.P.	HPE-UX Amendment 2 license terms Embedded License(s)
130	jdk-ibm-aix	1.8.0 SR3 FP22	Copyright (c) IBM Corporation, 1998, 2016.	International License Agreement for Non-Warranted Programs- IBM AIX Embedded License(s)
131	jdk-ibm-zlinux	1.8.0 SR3 FP22	Copyright (c) IBM Corporation, 1998, 2016.	International License Agreement for Non-Warranted Programs- IBM AIX Embedded License(s)
132	jdk-oracle	1.8.0.121	Copyright (c) 1993, 2017, Oracle and/or its affiliates. All rights reserved.	Oracle Binary Code License Agreement for the Java SE Platform Products and JavaFX_2013 Embedded License(s)

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

No.	Name	Version	Copyright	License
133	jdk-oracle	1.8.0.141	Copyright (c) 1993, 2017, Oracle and/or its affiliates. All rights reserved.	Oracle Binary Code License Agreement for the Java SE Platform Products and JavaFX_2013
134	jdom	1.0.0.v201005080400	Copyright (C) 2000-2004 Jason Hunter & Brett McLaughlin. All rights reserved.	JDOM License
135	jetty	8.1.15	Jetty Web Container Copyright 1995-2014 Mort Bay Consulting Pty Ltd. The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd unless otherwise noted.	Apache License 2.0 Embedded License(s)
136	jetty	8.1.9.v20130131	Copyright (c) 1995-2013 Mort Bay Consulting Pty. Ltd.  All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v1.0 and Apache License v2.0 which accompanies this distribution.  The Eclipse Public License is available at <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a>  The Apache License v2.0 is available at <a href="http://www.opensource.org/licenses/apache2.0.php">http://www.opensource.org/licenses/apache2.0.php</a>  You may elect to redistribute this code under either of these licenses.	Apache License 2.0
137	jline	0.9.94	Copyright (c) 2002-2006, Marc Prud'hommeaux All rights reserved.	BSD 3-clause "New" or "Revised" License
138	joda-time	1.6.2	Copyright 2001-2007 Stephen Colebourne.	Apache License 2.0 Embedded License(s)
139	jquery	1.9.1	Copyright 2005, 2012 jQuery Foundation, Inc. and other contributors	MIT License (also X11)
140	jre-java-runtime-environment	1.8.0.121	Copyright (c) 1993, 2017, Oracle and/or its affiliates. All rights reserved.	Oracle Binary Code License Agreement for the Java SE Platform Products and JavaFX_2013 Embedded License(s)
141	jre-java-runtime-environment	1.8.0.141	Copyright (c) 1993, 2017, Oracle and/or its affiliates. All rights reserved.	Oracle Binary Code License Agreement for the Java SE Platform Products and JavaFX_2013 Embedded License(s)
142	jsch	0.1.53	Copyright (c) 2002-2015 ymnk, JCraft, Inc. All rights reserved.	BSD 3-clause "New" or "Revised" License
143	jsf-api	1.2_14	Copyright 1997-2008 Sun Microsystems, Inc. All rights reserved.	Common Development and Distribution License 1.0
144	jsf-impl	1.2_14	Copyright 1997-2007 Sun Microsystems, Inc. All rights reserved.	Common Development and Distribution License 1.0
145	jssocks	1.01	(c) sourceforge	GNU Lesser General Public License v2.1
146	json-path	0.8.1	Copyright 2011 the original author or authors  @author Kalle Stenflo	Apache License 2.0
147	json-smart	1.1.1	Copyright 2011 JSON-SMART authors  @author FangYidong<fangyidong@yahoo.com.cn> @author Uriel Chemouni <uchemouni@gmail.com>	Apache License 2.0
148	jsp-api-2.1	6.1.14	Copyright 2004 The Apache Software Foundation	Apache License 2.0
149	jsr173_api	1.0	Copyright (c) 2003 by BEA Systems. All Rights Reserved.	Common Development and Distribution License 1.0
150	jul-to-slf4j	1.7.7	Copyright (c) 2004-2013 QOS.ch All rights reserved.	MIT License (also X11)



## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

No.	Name	Version	Copyright	License
151	jzlib	1.1.1	Copyright (c) 2000-2011 ymnk, JCraft, Inc. All rights reserved.	BSD 3-clause "New" or "Revised" License
152	ldapjdk.jar and ldapfilt.jar	8.0		License ID: 961
153	libthrift	0.9.0	author Jake Farrell <jfarrell@apache.org>	Apache License 2.0
154	metrics-core	3.0.1	Copyright 2010-2013 Coda Hale and Yammer, Inc.	Apache License 2.0 Embedded License(s)
155	ms-visual-c++-redistributable-package	2015	Copyright Microsoft VISUAL C++ 2015	MICROSOFT VISUAL C++ REDISTRIBUTABLE FOR VISUAL STUDIO 2015
156	ms-visual-c++-redistributable-package	2015update3	Copyright Microsoft VISUAL C++ 2015 Update 3	MICROSOFT VISUAL C++ REDISTRIBUTABLE FOR VISUAL STUDIO 2015
157	ms-visual-c++-redistributable-package	2017	Copyright Microsoft VISUAL C++ 2017	MICROSOFT VISUAL C++ REDISTRIBUTABLE FOR VISUAL STUDIO 2017
158	netty-netty	3.6.9.Final	Copyright (c) 2011 The Netty Project	Apache License 2.0 Embedded License(s)
159	not-yet-commons-ssl	0.3.16	Copyright 2002-2006 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
160	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
161	opensaml	1.1	Copyright 2001-2005 Internet2	Apache License 2.0
162	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
163	portlet-api	1.0	Copyright 2004-2009 The Apache Software Foundation	Apache License 2.0
164	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
165	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.	Mozilla Public License 2.0 Embedded License(s)
166	scala-library	2.9.2	Copyright (c) 2002-2014 EPFL Copyright (c) 2011-2014 Typesafe, Inc.	BSD 3-clause "New" or "Revised" License
167	scrooge-runtime_2.9.2	3.1.10	Twitter Inc.	Apache License 2.0
168	servlet-api_jsr154	2.5	Copyright 2005 Sun Microsystems, Inc. All rights reserved.	Common Development and Distribution License 1.0 Embedded License(s)
169	shiro-ehcache	1.3.2	Copyright (c) 2004-2016 The Apache Software Foundation	Apache License 2.0
170	shiro-web	1.3.2	Copyright (c) 2004-2016 The Apache Software Foundation	Apache License 2.0
171	slf4j-api	1.6.6	Copyright (c) 2004-2011 QOS.ch All rights reserved.	MIT License (also X11)
172	slf4j-api	1.7.7	Copyright (c) 2004-2013 QOS.ch All rights reserved.	MIT License (also X11)
173	slf4j-jdk14	1.6.4	Copyright (c) 2004-2011 QOS.ch All rights reserved.	MIT License (also X11)
174	slf4j-jdk14	1.6.6	Copyright (c) 2004-2011 QOS.ch All rights reserved.	MIT License (also X11)
175	slf4j-jdk14	1.7.7	Copyright (c) 2004-2013 QOS.ch All rights reserved.	MIT License (also X11)
176	slf4j-log4j12	1.6.6	Copyright (c) 2004-2011 QOS.ch All rights reserved.	MIT License (also X11)
177	slf4j-log4j12	1.7.7	Copyright (c) 2004-2013 QOS.ch All rights reserved.	MIT License (also X11)

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

No.	Name	Version	Copyright	License
178	springframework	3.2.17.RELEASE	Copyright (c) 2002-2016 Pivotal, Inc.	Apache License 2.0
179	springsource-apache-log4j	1.2.16	Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements.	Apache License 2.0 Embedded License(s)
180	stax-api	1.0.1	Copyright (c) 2003 by BEA Systems. All Rights Reserved.	Common Development and Distribution License 1.0
181	stax2-api	3.1.4	Copyright (c) 2009 FasterXML, LLC	BSD 3-clause "New" or "Revised" License
182	tanuki-silveregg-java-service-wrapper-02032	3.5.22	Copyright (c) Tanuki Software, Ltd. All Rights Reserved.	TAC#02032
183	tanuki-silveregg-java-service-wrapper-02032	3.5.29	Copyright (c) Tanuki Software, Ltd. All Rights Reserved.	TAC#02032
184	tiger-types	1.4	Copyright (c) 1997-2010 Oracle and/or its affiliates. All rights reserved.	Common Development and Distribution License 1.0
185	twitter-util_2.9.2-6.5.0	6.5.0	Copyright 2012 Twitter, Inc.	Apache License 2.0 Embedded License(s)
186	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.	Apache License 2.0
187	wsdl4j	1.6.2	Copyright IBM Corp 2001, 2006	Common Public License 1.0
188	wss4j	1.6.5	Copyright 2004-2011 The Apache Software Foundation	Apache License 2.0 Embedded License(s)
189	xml-apis	1.0.b2	Copyright (c) 1998 Sun Microsystems, Inc. All Rights Reserved.	Apache License 2.0 Embedded License(s)
190	xml-apis	1.4.1	Copyright 1999-2009 The Apache Software Foundation.	Apache License 2.0 Embedded License(s)
191	xmlsec-java	1.5.6	Copyright 1999-2011 The Apache Software Foundation	Apache License 2.0
192	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
193	yaffle-eventsource	0.0.7	Copyright (c) 2012 vic99999@yandex.ru	MIT License (also X11)

## 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) 2017 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) 2017 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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.



## Apple JavaApplication Stub Binary Module License

JavaApplication Stub Binary Module License

Copyright 2007 Apple Inc. All rights reserved.

**IMPORTANT:** This Apple software is supplied to you by Apple Inc. (Apple) in consideration of your agreement to the following terms, and your use, reproduction or redistribution of this Apple software constitutes acceptance of these terms. If you do not agree with these terms, please do not use, reproduce or redistribute this Apple software.

In consideration of your agreement to abide by the following terms, and subject to these terms, Apple grants you a personal, non-exclusive license, under Apples copyrights in this original Apple JavaApplicationStub binary module software (the Apple Software), to use, reproduce and redistribute the Apple Software in binary form only as part of your own software program. You may change the Apple Software's file name at your discretion. Neither the name, trademarks, service marks or logos of Apple Inc. may be used to endorse or promote products containing the Apple Software without specific prior written permission from Apple. Except as expressly stated in this notice, no other rights or licenses, express or implied, are granted by Apple herein, including but not limited to any patent rights that may be infringed by your software program or by other works in which the Apple Software may be incorporated.

The Apple Software is provided by Apple on an "AS IS" basis. APPLE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, REGARDING THE APPLE SOFTWARE OR ITS USE AND OPERATION ALONE OR IN COMBINATION WITH YOUR PRODUCTS.

IN NO EVENT SHALL APPLE BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) ARISING IN ANY WAY OUT OF THE USE, REPRODUCTION AND/OR DISTRIBUTION OF THE APPLE SOFTWARE, HOWEVER CAUSED AND WHETHER UNDER THEORY OF CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF APPLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## 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.

## codewall-jquery-events-for-start-stop-scrolling

Codesnippet published on <https://codewall.com/p/b1wxgg/jquery-events-for-start-stop-scrolling>

## 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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

(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, 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 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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

(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, 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 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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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) 2017 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) 2017 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.

## 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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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.

## 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 Copyright (c) 2017 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 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.  
Copyright (c) 2017 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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

## HPE-UX Amendment 2 license terms

Amendment 2 (Amendment)

to the

Software License Agreement

for the HPE-UX Developers Kit for Java

by and between

WebMethods Inc. and Hewlett Packard Enterprise Company

dated April 26, 2005, including its Amendment 1 (Agreement)

WHEREAS, HPE and Supplier have previously entered into the aforesaid Agreement; and

WHEREAS, the purpose of this Amendment is to amend the Agreement as indicated below;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, HPE and Supplier hereby agree as follows:

1. The effective date of this Amendment is October 1, 2015 (Amendment Effective Date).
2. Capitalized terms used herein, unless otherwise defined, will have the meanings given in the Agreement.
3. WebMethods Inc. has been acquired by Software AG, a German company with offices at Uhlandstrae12, Darmstadt, Hessen, 64297 Germany. All rights and obligations of WebMethods under the Agreement are assigned to Software AG and all its majority owned subsidiaries.
4. Hewlett-Packard Co. has separated into two entities, and all its rights and obligations under the Agreement are assigned to Hewlett Packard Enterprise Company.
5. Section 1b. of the Agreement is deleted in its entirety and replaced with the following language:

Licensee Product means Products or Solutions which are part of Licensees Adabas and Natural or Digital Business Platform business lines (which may be updated from time to time), which Licensee warrants is a Java application that runs on the Software and adds significant and primary functionality to the Software.

6. Section 4 (Restrictions) is hereby amended to add the following language immediately following the last sentence:

The license grant in Section 3 is conditioned upon and subject to the following restrictions, as required by HPEs agreements with Oracle, and to the extent not otherwise permitted under Licensees agreements with Oracle. Licensee may not (and may not permit its Distributors to): (i) distribute the Software unless bundled with HPE-UX for the sole purpose of running Java Software Programs (defined below) under the control of HPE-UX on General Purpose Desktop Computers and Servers (defined below); (ii) distribute the Software as a software-as-a-service through a cloud or hosting environment or authorize any third party to distribute the Software as a software-as-a-service through a cloud or hosting environment. Licensee shall notify third parties, including customers, that the Software may not be distributed as a software-as-a-service through a cloud or hosting environment; (iii) permit customers to redistribute or otherwise transfer the Software to third parties; (iv) distribute the Software with or in support of hardware systems or hardware solutions other than HPE branded General Purpose Desktop Computers and Servers; (v) provide the Software to customers separately or independently from HPE-UX; and/or (vi) redistribute or otherwise transfer, or permit customers to redistribute or otherwise transfer, to third parties any patches, bug fixes or updates made available by Oracle.

Licensee is also restricted from (vii) permitting End Users to install or use the Programs separately and independently from a Java Application Product; and (viii) permitting its end users to distribute the Programs.

For the purposes of this Agreement, (a) Java Software Programs shall mean Java technology applets and applications intended to run on the Java Platform, Standard Edition platform on Java-enabled General Purpose Desktop Computers and Servers; (b) General Purpose Desktop Computers and Servers" refers to computers, including desktop and laptop computers, or servers, used for general computing functions under end user control (such as but not specifically limited to email, general purpose Internet browsing, and office suite productivity tools). The use of the Software in systems and solutions that provide dedicated functionality (other than as mentioned above) or designed for use in embedded or function-specific software applications, for example but not limited to: embedded in or bundled with industrial control systems, wireless mobile telephones, wireless handheld devices, kiosks, TV/STB, Blu-ray Disc devices, telematics and network control switching equipment, printers and storage management systems, and other related systems are excluded from this definition and not licensed under this Agreement;(c) Programs shall mean (i) the Java software products in binary code form owned by Oracle (including, but not limited to, libraries, source files, header files, and data files) incorporated in the HP-UX product (ii) Oracle program documentation, and (iii) any Oracle program updates acquired through technical support.

7. Except as expressly amended by this Amendment, all other terms and conditions of the Agreement shall remain in full force and effect. All capitalized terms not defined in this Amendment shall have the meaning as set forth in the Agreement.

### Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

8. This Amendment is subject to the Agreement, and in the event of any conflict between a provision of the Agreement and a provision in this Amendment, then the provision of the Agreement will govern, unless this Amendment expressly states otherwise with specific reference to those provisions in this Amendment that will supersede conflicting provisions in the Agreement.

9. This Amendment may be executed in original, telecopied, or emailed counterparts, and each counterpart will be considered an original, but all of which together will constitute one and the same instrument.

IN WITNESS WHEREOF, the parties, intending to be legally bound hereby, have executed this Amendment as of the Effective Date.  
[signatures follow on next page]

## 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.

## International License Agreement for Non-Warranted Programs- IBM AIX

International License Agreement for Non-Warranted Programs

### Part 1 - General Terms

BY DOWNLOADING, INSTALLING, COPYING, ACCESSING, CLICKING ON AN "ACCEPT" BUTTON, OR OTHERWISE USING THE PROGRAM, LICENSEE AGREES TO THE TERMS OF THIS AGREEMENT. IF YOU ARE ACCEPTING THESE TERMS ON BEHALF OF LICENSEE, YOU REPRESENT AND WARRANT THAT YOU HAVE FULL AUTHORITY TO BIND LICENSEE TO THESE TERMS. IF YOU DO NOT AGREE TO THESE TERMS,

\* DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, CLICK ON AN "ACCEPT" BUTTON, OR USE THE PROGRAM; AND

\* PROMPTLY RETURN THE UNUSED MEDIA AND DOCUMENTATION TO THE PARTY FROM WHOM IT WAS OBTAINED FOR A REFUND OF THE AMOUNT PAID. IF THE PROGRAM WAS DOWNLOADED, DESTROY ALL COPIES OF THE PROGRAM.

#### 1. Definitions

"Authorized Use" - the specified level at which Licensee is authorized to execute or run the Program. That level may be measured by number of users, millions of service units ("MSUs"), Processor Value Units ("PVUs"), or other level of use specified by IBM.

"IBM" - International Business Machines Corporation or one of its subsidiaries.

"License Information" ("LI") - a document that provides information and any additional terms specific to a Program. The Program's LI is available at [www.ibm.com/software/sla](http://www.ibm.com/software/sla). The LI can also be found in the Program's directory, by the use of a system command, or as a booklet included with the Program.

"Program" - the following, including the original and all whole or partial copies: 1) machine-readable instructions and data, 2) components, files, and modules, 3) audio-visual content (such as images, text, recordings, or pictures), and 4) related licensed materials (such as keys and documentation).

#### 2. Agreement Structure

This Agreement includes Part 1 - General Terms, Part 2 - Country-unique Terms (if any) and the LI and is the complete agreement between Licensee and IBM regarding the use of the Program. It replaces any prior oral or written communications between Licensee and IBM concerning Licensee's use of the Program. The terms of Part 2 may replace or modify those of Part 1. To the extent of any conflict, the LI prevails over both Parts.

#### 3. License Grant

The Program is owned by IBM or an IBM supplier, and is copyrighted and licensed, not sold.

IBM grants Licensee a nonexclusive license to 1) use the Program up to the Authorized Use specified in the invoice, 2) make and install copies to support such Authorized Use, and 3) make a backup copy, all provided that

- a. Licensee has lawfully obtained the Program and complies with the terms of this Agreement;
- b. the backup copy does not execute unless the backed-up Program cannot execute;
- c. Licensee reproduces all copyright notices and other legends of ownership on each copy, or partial copy, of the Program;
- d. Licensee ensures that anyone who uses the Program (accessed either locally or remotely) 1) does so only on Licensee's behalf and 2) complies with the terms of this Agreement;
- e. Licensee does not 1) use, copy, modify, or distribute the Program except as expressly permitted in this Agreement; 2) reverse assemble, reverse compile, otherwise translate, or reverse engineer the Program, except as expressly permitted by law without the possibility of contractual waiver; 3) use any of the Program's components, files, modules, audio-visual content, or related licensed materials separately from that Program; or 4) sublicense, rent, or lease the Program; and
- f. if Licensee obtains this Program as a Supporting Program, Licensee uses this Program only to support the Principal Program and subject to any limitations in the license to the Principal Program, or, if Licensee obtains this Program as a Principal Program, Licensee uses all Supporting Programs only to support this Program, and subject to any limitations in this Agreement. For purposes of this Item "f," a "Supporting Program" is a Program that is part of another IBM Program ("Principal Program") and identified as a Supporting Program in the Principal Program's LI. (To obtain a separate license to a Supporting Program without these restrictions, Licensee should contact the party from whom Licensee obtained the Supporting Program.)



This license applies to each copy of the Program that Licensee makes.

## 3.1 Trade-ups, Updates, Fixes, and Patches

### 3.1.1 Trade-ups

If the Program is replaced by a trade-up Program, the replaced Program's license is promptly terminated.

### 3.1.2 Updates, Fixes, and Patches

When Licensee receives an update, fix, or patch to a Program, Licensee accepts any additional or different terms that are applicable to such update, fix, or patch that are specified in its LI. If no additional or different terms are provided, then the update, fix, or patch is subject solely to this Agreement. If the Program is replaced by an update, Licensee agrees to promptly discontinue use of the replaced Program.

## 3.2 Fixed Term Licenses

If IBM licenses the Program for a fixed term, Licensee's license is terminated at the end of the fixed term, unless Licensee and IBM agree to renew it.

## 3.3 Term and Termination

This Agreement is effective until terminated.

IBM may terminate Licensee's license if Licensee fails to comply with the terms of this Agreement.

If the license is terminated for any reason by either party, Licensee agrees to promptly discontinue use of and destroy all of Licensee's copies of the Program. Any terms of this Agreement that by their nature extend beyond termination of this Agreement remain in effect until fulfilled, and apply to both parties' respective successors and assignees.

## 4. Charges

Charges, if any, are based on Authorized Use obtained, which is specified in the invoice. IBM does not give credits or refunds for charges already due or paid, except as specified elsewhere in this Agreement.

If Licensee wishes to increase its Authorized Use, Licensee must notify IBM or an authorized IBM reseller in advance and pay any applicable charges.

## 5. Taxes

If any authority imposes on the Program a duty, tax, levy, or fee, excluding those based on IBM's net income, then Licensee agrees to pay that amount, as specified in an invoice, or supply exemption documentation. Licensee is responsible for any personal property taxes for the Program from the date that Licensee obtains it. If any authority imposes a customs duty, tax, levy, or fee for the import into or the export, transfer, access, or use of the Program outside the country in which the original Licensee was granted the license, then Licensee agrees that it is responsible for, and will pay, any amount imposed.

## 6. Money-back Guarantee

If Licensee is dissatisfied with the Program for any reason and is the original Licensee, Licensee may terminate the license and obtain a refund of the amount Licensee paid, if any, for the Program, provided that Licensee returns the Program to the party from whom Licensee obtained it within 30 days of the invoice date. If the license is for a fixed term that is subject to renewal, then Licensee may obtain a refund only if the Program is returned within the first 30 days of the initial term. If Licensee downloaded the Program, Licensee should contact the party from whom Licensee obtained it for instructions on how to obtain the refund.

## 7. Program Transfer

Licensee may transfer the Program and all of Licensee's license rights and obligations to another party only if that party agrees to the terms of this Agreement. If the license is terminated for any reason by either party, Licensee is prohibited from transferring the Program to another party. Licensee may not transfer a portion of 1) the Program or 2) the Program's Authorized Use. When Licensee transfers the Program, Licensee must also transfer a hard copy of this Agreement, including the LI. Immediately after the transfer, Licensee's license terminates.

## 8. No Warranties

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

OR IMPLIED, REGARDING THE PROGRAM OR SUPPORT, IF ANY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE, AND TITLE, AND ANY WARRANTY OR CONDITION OF NON-INFRINGEMENT.

SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF EXPRESS OR IMPLIED WARRANTIES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO LICENSEE. IN THAT EVENT, SUCH WARRANTIES ARE LIMITED IN DURATION TO THE MINIMUM PERIOD REQUIRED BY LAW. NO WARRANTIES APPLY AFTER THAT PERIOD. SOME STATES OR JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO LICENSEE. LICENSEE MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE OR JURISDICTION TO JURISDICTION.

THE DISCLAIMERS AND EXCLUSIONS IN THIS SECTION 8 ALSO APPLY TO ANY OF IBM'S PROGRAM DEVELOPERS AND SUPPLIERS.

MANUFACTURERS, SUPPLIERS, OR PUBLISHERS OF NON-IBM PROGRAMS MAY PROVIDE THEIR OWN WARRANTIES.

IBM DOES NOT PROVIDE SUPPORT OF ANY KIND, UNLESS IBM SPECIFIES OTHERWISE. IN SUCH EVENT, ANY SUPPORT PROVIDED BY IBM IS SUBJECT TO THE DISCLAIMERS AND EXCLUSIONS IN THIS SECTION 8.

### 9. Licensee Data and Databases

To assist Licensee in isolating the cause of a problem with the Program, IBM may request that Licensee 1) allow IBM to remotely access Licensee's system or 2) send Licensee information or system data to IBM. However, IBM is not obligated to provide such assistance unless IBM and Licensee enter a separate written agreement under which IBM agrees to provide to Licensee that type of support, which is beyond IBM's obligations in this Agreement. In any event, IBM uses information about errors and problems to improve its products and services, and assist with its provision of related support offerings. For these purposes, IBM may use IBM entities and subcontractors (including in one or more countries other than the one in which Licensee is located), and Licensee authorizes IBM to do so.

Licensee remains responsible for 1) any data and the content of any database Licensee makes available to IBM, 2) the selection and implementation of procedures and controls regarding access, security, encryption, use, and transmission of data (including any personally-identifiable data), and 3) backup and recovery of any database and any stored data. Licensee will not send or provide IBM access to any personally-identifiable information, whether in data or any other form, and will be responsible for reasonable costs and other amounts that IBM may incur relating to any such information mistakenly provided to IBM or the loss or disclosure of such information by IBM, including those arising out of any third party claims.

### 10. Limitation of Liability

The limitations and exclusions in this Section 10 (Limitation of Liability) apply to the full extent they are not prohibited by applicable law without the possibility of contractual waiver.

#### 10.1 Items for Which IBM May Be Liable

Circumstances may arise where, because of a default on IBM's part or other liability, Licensee is entitled to recover damages from IBM. Regardless of the basis on which Licensee is entitled to claim damages from IBM (including fundamental breach, negligence, misrepresentation, or other contract or tort claim), IBM's entire liability for all claims in the aggregate arising from or related to each Program or otherwise arising under this Agreement will not exceed the amount of any 1) damages for bodily injury (including death) and damage to real property and tangible personal property and 2) other actual direct damages up to the charges (if the Program is subject to fixed term charges, up to twelve months' charges) Licensee paid for the Program that is the subject of the claim.

This limit also applies to any of IBM's Program developers and suppliers. It is the maximum for which IBM and its Program developers and suppliers are collectively responsible.

#### 10.2 Items for Which IBM Is Not Liable

UNDER NO CIRCUMSTANCES IS IBM, ITS PROGRAM DEVELOPERS OR SUPPLIERS LIABLE FOR ANY OF THE FOLLOWING, EVEN IF INFORMED OF THEIR POSSIBILITY:

- a. LOSS OF, OR DAMAGE TO, DATA;
- b. SPECIAL, INCIDENTAL, EXEMPLARY, OR INDIRECT DAMAGES, OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES; OR
- c. LOST PROFITS, BUSINESS, REVENUE, GOODWILL, OR ANTICIPATED SAVINGS.

### 11. Compliance Verification

For purposes of this Section 11 (Compliance Verification), "ILAN Program Terms" means 1) this Agreement and applicable amendments and  
Copyright (c) 2017 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

transaction documents provided by IBM, and 2) IBM software policies that may be found at the IBM Software Policy website ([www.ibm.com/software/policies](http://www.ibm.com/software/policies)), including but not limited to those policies concerning backup, sub-capacity pricing, and migration.

The rights and obligations set forth in this Section 11 remain in effect during the period the Program is licensed to Licensee, and for two years thereafter.

### 11.1 Verification Process

Licensee agrees to create, retain, and provide to IBM and its auditors accurate written records, system tool outputs, and other system information sufficient to provide auditable verification that Licensee's use of all Programs is in compliance with the ILAN Program Terms, including, without limitation, all of IBM's applicable licensing and pricing qualification terms. Licensee is responsible for 1) ensuring that it does not exceed its Authorized Use, and 2) remaining in compliance with ILAN Program Terms.

Upon reasonable notice, IBM may verify Licensee's compliance with ILAN Program Terms at all sites and for all environments in which Licensee uses (for any purpose) Programs subject to ILAN Program Terms. Such verification will be conducted in a manner that minimizes disruption to Licensee's business, and may be conducted on Licensee's premises, during normal business hours. IBM may use an independent auditor to assist with such verification, provided IBM has a written confidentiality agreement in place with such auditor.

### 11.2 Resolution

IBM will notify Licensee in writing if any such verification indicates that Licensee has used any Program in excess of its Authorized Use or is otherwise not in compliance with the ILAN Program Terms. Licensee agrees to promptly pay directly to IBM the charges that IBM specifies in an invoice for 1) any such excess use, 2) support for such excess use for the lesser of the duration of such excess use or two years, and 3) any additional charges and other liabilities determined as a result of such verification.

## 12. Third Party Notices

The Program may include third party code that IBM, not the third party, licenses to Licensee under this Agreement. Notices, if any, for the third party code ("Third Party Notices") are included for Licensee's information only. These notices can be found in the Program's NOTICES file(s). Information on how to obtain source code for certain third party code can be found in the Third Party Notices. If in the Third Party Notices IBM identifies third party code as "Modifiable Third Party Code," IBM authorizes Licensee to 1) modify the Modifiable Third Party Code and 2) reverse engineer the Program modules that directly interface with the Modifiable Third Party Code provided that it is only for the purpose of debugging Licensee's modifications to such third party code. IBM's service and support obligations, if any, apply only to the unmodified Program.

## 13. General

- a. Nothing in this Agreement affects any statutory rights of consumers that cannot be waived or limited by contract.
- b. For Programs IBM provides to Licensee in tangible form, IBM fulfills its shipping and delivery obligations upon the delivery of such Programs to the IBM-designated carrier, unless otherwise agreed to in writing by Licensee and IBM.
- c. If any provision of this Agreement is held to be invalid or unenforceable, the remaining provisions of this Agreement remain in full force and effect.
- d. Licensee agrees to comply with all applicable export and import laws and regulations, including U.S. embargo and sanctions regulations and prohibitions on export for certain end uses or to certain users.
- e. Licensee authorizes International Business Machines Corporation and its subsidiaries (and their successors and assigns, contractors and IBM Business Partners) to store and use Licensee's business contact information wherever they do business, in connection with IBM products and services, or in furtherance of IBM's business relationship with Licensee.
- f. Each party will allow the other reasonable opportunity to comply before it claims that the other has not met its obligations under this Agreement. The parties will attempt in good faith to resolve all disputes, disagreements, or claims between the parties relating to this Agreement.
- g. Unless otherwise required by applicable law without the possibility of contractual waiver or limitation: 1) neither party will bring a legal action, regardless of form, for any claim arising out of or related to this Agreement more than two years after the cause of action arose; and 2) upon the expiration of such time limit, any such claim and all respective rights related to the claim lapse.
- h. Neither Licensee nor IBM is responsible for failure to fulfill any obligations due to causes beyond its control.
- i. No right or cause of action for any third party is created by this Agreement, nor is IBM responsible for any third party claims against Licensee, except as permitted in Subsection 10.1 (Items for Which IBM May Be Liable) above for bodily injury (including death) or damage to real or tangible personal property for which IBM is legally liable to that third party.
- j. In entering into this Agreement, neither party is relying on any representation not specified in this Agreement, including but not limited to any

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

representation concerning: 1) the performance or function of the Program; 2) the experiences or recommendations of other parties; or 3) any results or savings that Licensee may achieve.

k. IBM has signed agreements with certain organizations (called "IBM Business Partners") to promote, market, and support certain Programs. IBM Business Partners remain independent and separate from IBM. IBM is not responsible for the actions or statements of IBM Business Partners or obligations they have to Licensee.

l. The license and intellectual property indemnification terms of Licensee's other agreements with IBM (such as the IBM Customer Agreement) do not apply to Program licenses granted under this Agreement.

m. Both parties agree that all information exchanged is nonconfidential. If either party requires the exchange of confidential information, it will be made under a signed confidentiality agreement.

### 14. Geographic Scope and Governing Law

#### 14.1 Governing Law

Both parties agree to the application of the laws of the country in which Licensee obtained the Program license to govern, interpret, and enforce all of Licensee's and IBM's respective rights, duties, and obligations arising from, or relating in any manner to, the subject matter of this Agreement, without regard to conflict of law principles.

The United Nations Convention on Contracts for the International Sale of Goods does not apply.

#### 14.2 Jurisdiction

All rights, duties, and obligations are subject to the courts of the country in which Licensee obtained the Program license.

### Part 2 - Country-unique Terms

For licenses granted in the countries specified below, the following terms replace or modify the referenced terms in Part 1. All terms in Part 1 that are not changed by these amendments remain unchanged and in effect. This Part 2 is organized as follows:

\* Multiple country amendments to Part 1, Section 14 (Governing Law and Jurisdiction);

\* Americas country amendments to other Agreement terms;

\* Asia Pacific country amendments to other Agreement terms; and

\* Europe, Middle East, and Africa country amendments to other Agreement terms.

Multiple country amendments to Part 1, Section 14 (Governing Law and Jurisdiction)

#### 14.1 Governing Law

The phrase "the laws of the country in which Licensee obtained the Program license" in the first paragraph of 14.1 Governing Law is replaced by the following phrases in the countries below:

#### AMERICAS

(1) In Canada: the laws in the Province of Ontario;

(2) in Mexico: the federal laws of the Republic of Mexico;

(3) in the United States, Anguilla, Antigua/Barbuda, Aruba, British Virgin Islands, Cayman Islands, Dominica, Grenada, Guyana, Saint Kitts and Nevis, Saint Lucia, Saint Maarten, and Saint Vincent and the Grenadines: the laws of the State of New York, United States;

(4) in Venezuela: the laws of the Bolivarian Republic of Venezuela;

#### ASIA PACIFIC

(5) in Cambodia and Laos: the laws of the State of New York, United States;

(6) in Australia: the laws of the State or Territory in which the transaction is performed;

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

(7) in Hong Kong SAR and Macau SAR: the laws of Hong Kong Special Administrative Region ("SAR");

(8) in Taiwan: the laws of Taiwan;

### EUROPE, MIDDLE EAST, AND AFRICA

(9) in Albania, Armenia, Azerbaijan, Belarus, Bosnia-Herzegovina, Bulgaria, Croatia, Former Yugoslav Republic of Macedonia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, Moldova, Montenegro, Poland, Romania, Russia, Serbia, Slovakia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan: the laws of Austria;

(10) in Algeria, Andorra, Benin, Burkina Faso, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo Republic, Djibouti, Democratic Republic of Congo, Equatorial Guinea, French Guiana, French Polynesia, Gabon, Gambia, Guinea, Guinea-Bissau, Ivory Coast, Lebanon, Madagascar, Mali, Mauritania, Mauritius, Mayotte, Morocco, New Caledonia, Niger, Reunion, Senegal, Seychelles, Togo, Tunisia, Vanuatu, and Wallis and Futuna: the laws of France;

(11) in Estonia, Latvia, and Lithuania: the laws of Finland;

(12) in Angola, Bahrain, Botswana, Burundi, Egypt, Eritrea, Ethiopia, Ghana, Jordan, Kenya, Kuwait, Liberia, Malawi, Malta, Mozambique, Nigeria, Oman, Pakistan, Qatar, Rwanda, Sao Tome and Principe, Saudi Arabia, Sierra Leone, Somalia, Tanzania, Uganda, United Arab Emirates, the United Kingdom, West Bank/Gaza, Yemen, Zambia, and Zimbabwe: the laws of England; and

(13) in South Africa, Namibia, Lesotho, and Swaziland: the laws of the Republic of South Africa.

### 14.2 Jurisdiction

The following paragraph pertains to jurisdiction and replaces Subsection 14.2 (Jurisdiction) as it applies for those countries identified below:

All rights, duties, and obligations are subject to the courts of the country in which Licensee obtained the Program license except that in the countries identified below all disputes arising out of or related to this Agreement, including summary proceedings, will be brought before and subject to the exclusive jurisdiction of the following courts of competent jurisdiction:

### AMERICAS

(1) In Argentina: the Ordinary Commercial Court of the city of Buenos Aires;

(2) in Brazil: the court of Rio de Janeiro, RJ;

(3) in Chile: the Civil Courts of Justice of Santiago;

(4) in Ecuador: the civil judges of Quito for executory or summary proceedings (as applicable);

(5) in Mexico: the courts located in Mexico City, Federal District;

(6) in Peru: the judges and tribunals of the judicial district of Lima, Cercado;

(7) in Uruguay: the courts of the city of Montevideo;

(8) in Venezuela: the courts of the metropolitan area of the city of Caracas;

### EUROPE, MIDDLE EAST, AND AFRICA

(9) in Austria: the court of law in Vienna, Austria (Inner-City);

(10) in Algeria, Andorra, Benin, Burkina Faso, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo Republic, Djibouti, Democratic Republic of Congo, Equatorial Guinea, France, French Guiana, French Polynesia, Gabon, Gambia, Guinea, Guinea-Bissau, Ivory Coast, Lebanon, Madagascar, Mali, Mauritania, Mauritius, Mayotte, Monaco, Morocco, New Caledonia, Niger, Reunion, Senegal, Seychelles, Togo, Tunisia, Vanuatu, and Wallis and Futuna: the Commercial Court of Paris;

(11) in Angola, Bahrain, Botswana, Burundi, Egypt, Eritrea, Ethiopia, Ghana, Jordan, Kenya, Kuwait, Liberia, Malawi, Malta, Mozambique, Nigeria, Oman, Pakistan, Qatar, Rwanda, Sao Tome and Principe, Saudi Arabia, Sierra Leone, Somalia, Tanzania, Uganda, United Arab Emirates, the United Kingdom, West Bank/Gaza, Yemen, Zambia, and Zimbabwe: the English courts;

(12) in South Africa, Namibia, Lesotho, and Swaziland: the High Court in Johannesburg;

(13) in Greece: the competent court of Athens;

(14) in Israel: the courts of Tel Aviv-Jaffa;

(15) in Italy: the courts of Milan;

(16) in Portugal: the courts of Lisbon;

(17) in Spain: the courts of Madrid; and

(18) in Turkey: the Istanbul Central Courts and Execution Directorates of Istanbul, the Republic of Turkey.

#### 14.3 Arbitration

The following paragraph is added as a new Subsection 14.3 (Arbitration) as it applies for those countries identified below. The provisions of this Subsection 14.3 prevail over those of Subsection 14.2 (Jurisdiction) to the extent permitted by the applicable governing law and rules of procedure:

#### ASIA PACIFIC

(1) In Cambodia, India, Laos, Philippines, and Vietnam:

Disputes arising out of or in connection with this Agreement will be finally settled by arbitration which will be held in Singapore in accordance with the Arbitration Rules of Singapore International Arbitration Center ("SIAC Rules") then in effect. The arbitration award will be final and binding for the parties without appeal and will be in writing and set forth the findings of fact and the conclusions of law.

The number of arbitrators will be three, with each side to the dispute being entitled to appoint one arbitrator. The two arbitrators appointed by the parties will appoint a third arbitrator who will act as chairman of the proceedings. Vacancies in the post of chairman will be filled by the president of the SIAC. Other vacancies will be filled by the respective nominating party. Proceedings will continue from the stage they were at when the vacancy occurred.

If one of the parties refuses or otherwise fails to appoint an arbitrator within 30 days of the date the other party appoints its, the first appointed arbitrator will be the sole arbitrator, provided that the arbitrator was validly and properly appointed.

All proceedings will be conducted, including all documents presented in such proceedings, in the English language. The English language version of this Agreement prevails over any other language version.

(2) In the People's Republic of China:

In case no settlement can be reached, the disputes will be submitted to China International Economic and Trade Arbitration Commission for arbitration according to the then effective rules of the said Arbitration Commission. The arbitration will take place in Beijing and be conducted in Chinese. The arbitration award will be final and binding on both parties. During the course of arbitration, this agreement will continue to be performed except for the part which the parties are disputing and which is undergoing arbitration.

(3) In Indonesia:

Each party will allow the other reasonable opportunity to comply before it claims that the other has not met its obligations under this Agreement. The parties will attempt in good faith to resolve all disputes, disagreements, or claims between the parties relating to this Agreement. Unless otherwise required by applicable law without the possibility of contractual waiver or limitation, i) neither party will bring a legal action, regardless of form, arising out of or related to this Agreement or any transaction under it more than two years after the cause of action arose; and ii) after such time limit, any legal action arising out of this Agreement or any transaction under it and all respective rights related to any such action lapse.

Disputes arising out of or in connection with this Agreement shall be finally settled by arbitration that shall be held in Jakarta, Indonesia in accordance with the rules of Board of the Indonesian National Board of Arbitration (Badan Arbitrase Nasional Indonesia or "BANI") then in effect. The arbitration award shall be final and binding for the parties without appeal and shall be in writing and set forth the findings of fact and the conclusions of law.

The number of arbitrators shall be three, with each side to the dispute being entitled to appoint one arbitrator. The two arbitrators appointed by the parties shall appoint a third arbitrator who shall act as chairman of the proceedings. Vacancies in the post of chairman shall be filled by the chairman of the BANI. Other vacancies shall be filled by the respective nominating party. Proceedings shall continue from the stage they were at when the vacancy occurred.

If one of the parties refuses or otherwise fails to appoint an arbitrator within 30 days of the date the other party appoints its, the first appointed arbitrator shall be the sole arbitrator, provided that the arbitrator was validly and properly appointed.

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

All proceedings shall be conducted, including all documents presented in such proceedings, in the English and/or Indonesian language.

### EUROPE, MIDDLE EAST, AND AFRICA

(4) In Albania, Armenia, Azerbaijan, Belarus, Bosnia-Herzegovina, Bulgaria, Croatia, Former Yugoslav Republic of Macedonia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, Moldova, Montenegro, Poland, Romania, Russia, Serbia, Slovakia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan:

All disputes arising out of this Agreement or related to its violation, termination or nullity will be finally settled under the Rules of Arbitration and Conciliation of the International Arbitral Center of the Federal Economic Chamber in Vienna (Vienna Rules) by three arbitrators appointed in accordance with these rules. The arbitration will be held in Vienna, Austria, and the official language of the proceedings will be English. The decision of the arbitrators will be final and binding upon both parties. Therefore, pursuant to paragraph 598 (2) of the Austrian Code of Civil Procedure, the parties expressly waive the application of paragraph 595 (1) figure 7 of the Code. IBM may, however, institute proceedings in a competent court in the country of installation.

(5) In Estonia, Latvia, and Lithuania:

All disputes arising in connection with this Agreement will be finally settled in arbitration that will be held in Helsinki, Finland in accordance with the arbitration laws of Finland then in effect. Each party will appoint one arbitrator. The arbitrators will then jointly appoint the chairman. If arbitrators cannot agree on the chairman, then the Central Chamber of Commerce in Helsinki will appoint the chairman.

### AMERICAS COUNTRY AMENDMENTS

#### CANADA

##### 10.1 Items for Which IBM May Be Liable

The following replaces Item 1 in the first paragraph of this Subsection 10.1 (Items for Which IBM May Be Liable):

1) damages for bodily injury (including death) and physical harm to real property and tangible personal property caused by IBM's negligence; and

##### 13. General

The following replaces Item 13.d:

d. Licensee agrees to comply with all applicable export and import laws and regulations, including those of that apply to goods of United States origin and that prohibit or limit export for certain uses or to certain users.

The following replaces Item 13.i:

i. No right or cause of action for any third party is created by this Agreement or any transaction under it, nor is IBM responsible for any third party claims against Licensee except as permitted by the Limitation of Liability section above for bodily injury (including death) or physical harm to real or tangible personal property caused by IBM's negligence for which IBM is legally liable to that third party.

The following is added as Item 13.n:

n. For purposes of this Item 13.n, "Personal Data" refers to information relating to an identified or identifiable individual made available by one of the parties, its personnel or any other individual to the other in connection with this Agreement. The following provisions apply in the event that one party makes Personal Data available to the other:

##### (1) General

(a) Each party is responsible for complying with any obligations applying to it under applicable Canadian data privacy laws and regulations ("Laws").

(b) Neither party will request Personal Data beyond what is necessary to fulfill the purpose(s) for which it is requested. The purpose(s) for requesting Personal Data must be reasonable. Each party will agree in advance as to the type of Personal Data that is required to be made available.

##### (2) Security Safeguards

(a) Each party acknowledges that it is solely responsible for determining and communicating to the other the appropriate technological, physical and organizational security measures required to protect Personal Data.

(b) Each party will ensure that Personal Data is protected in accordance with the security safeguards communicated and agreed to by the other.

(c) Each party will ensure that any third party to whom Personal Data is transferred is bound by the applicable terms of this section.

(d) Additional or different services required to comply with the Laws will be deemed a request for new services.

(3) Use

Each party agrees that Personal Data will only be used, accessed, managed, transferred, disclosed to third parties or otherwise processed to fulfill the purpose(s) for which it was made available.

(4) Access Requests

(a) Each party agrees to reasonably cooperate with the other in connection with requests to access or amend Personal Data.

(b) Each party agrees to reimburse the other for any reasonable charges incurred in providing each other assistance.

(c) Each party agrees to amend Personal Data only upon receiving instructions to do so from the other party or its personnel.

(5) Retention

Each party will promptly return to the other or destroy all Personal Data that is no longer necessary to fulfill the purpose(s) for which it was made available, unless otherwise instructed by the other or its personnel or required by law.

(6) Public Bodies Who Are Subject to Public Sector Privacy Legislation

For Licensees who are public bodies subject to public sector privacy legislation, this Item 13.n applies only to Personal Data made available to Licensee in connection with this Agreement, and the obligations in this section apply only to Licensee, except that: 1) section (2)(a) applies only to IBM; 2) sections (1)(a) and (4)(a) apply to both parties; and 3) section (4)(b) and the last sentence in (1)(b) do not apply.

PERU

10. Limitation of Liability

The following is added to the end of this Section 10 (Limitation of Liability):

Except as expressly required by law without the possibility of contractual waiver, Licensee and IBM intend that the limitation of liability in this Limitation of Liability section applies to damages caused by all types of claims and causes of action. If any limitation on or exclusion from liability in this section is held by a court of competent jurisdiction to be unenforceable with respect to a particular claim or cause of action, the parties intend that it nonetheless apply to the maximum extent permitted by applicable law to all other claims and causes of action.

10.1 Items for Which IBM May Be Liable

The following is added to the end of this Subsection 10.1:

In accordance with Article 1328 of the Peruvian Civil Code, the limitations and exclusions specified in this section will not apply to damages caused by IBM's willful misconduct ("dolo") or gross negligence ("culpa inexcusable").

UNITED STATES OF AMERICA

5. Taxes

The following is added to the end of this Section 5 (Taxes):

For Programs delivered electronically in the United States for which Licensee claims a state sales and use tax exemption, Licensee agrees not to receive any tangible personal property (e.g., media and publications) associated with the electronic program.

Licensee agrees to be responsible for any sales and use tax liabilities that may arise as a result of Licensee's subsequent redistribution of Programs after delivery by IBM.

13. General

The following is added to Section 13 as Item 13.n:

n. U.S. Government Users Restricted Rights - Use, duplication or disclosure is restricted by the GSA IT Schedule 70 Contract with the IBM Corporation.



The following is added to Item 13.f:

Each party waives any right to a jury trial in any proceeding arising out of or related to this Agreement.

## ASIA PACIFIC COUNTRY AMENDMENTS

### AUSTRALIA

#### 5. Taxes

The following sentences replace the first two sentences of Section 5 (Taxes):

If any government or authority imposes a duty, tax (other than income tax), levy, or fee, on this Agreement or on the Program itself, that is not otherwise provided for in the amount payable, Licensee agrees to pay it when IBM invoices Licensee. If the rate of GST changes, IBM may adjust the charge or other amount payable to take into account that change from the date the change becomes effective.

#### 8. No Warranties

The following is added to the first paragraph of Section 8 (No Warranties):

Although IBM specifies that there are no warranties, Licensee may have certain rights under the Competition and Consumer Act 2010 or other legislation and are only limited to the extent permitted by the applicable legislation.

#### 10.1 Items for Which IBM May Be Liable

The following is added to Subsection 10.1 (Items for Which IBM Maybe Liable):

Where IBM is in breach of a condition or warranty implied by the Competition and Consumer Act 2010, IBM's liability is limited to the repair or replacement of the goods, or the supply of equivalent goods. Where that condition or warranty relates to right to sell, quiet possession or clear title, or the goods are of a kind ordinarily obtained for personal, domestic or household use or consumption, then none of the limitations in this paragraph apply.

### HONG KONG SAR, MACAU SAR, AND TAIWAN

As applies to licenses obtained in Taiwan and the special administrative regions, phrases throughout this Agreement containing the word "country" (for example, "the country in which the original Licensee was granted the license" and "the country in which Licensee obtained the Program license") are replaced with the following:

(1) In Hong Kong SAR: "Hong Kong SAR"

(2) In Macau SAR: "Macau SAR" except in the Governing Law clause (Section 14.1)

(3) In Taiwan: "Taiwan."

### INDIA

#### 10.1 Items for Which IBM May Be Liable

The following replaces the terms of Items 1 and 2 of the first paragraph:

1) liability for bodily injury (including death) or damage to real property and tangible personal property will be limited to that caused by IBM's negligence; and 2) as to any other actual damage arising in any situation involving nonperformance by IBM pursuant to, or in any way related to the subject of this Agreement, IBM's liability will be limited to the charge paid by Licensee for the individual Program that is the subject of the claim.

#### 13. General

The following replaces the terms of Item 13.g:

g. If no suit or other legal action is brought, within three years after the cause of action arose, in respect of any claim that either party may have against the other, the rights of the concerned party in respect of such claim will be forfeited and the other party will stand released from its obligations in respect of such claim.

### INDONESIA

### 3.3 Term and Termination

The following is added to the last paragraph:

Both parties waive the provision of article 1266 of the Indonesian Civil Code, to the extent the article provision requires such court decree for the termination of an agreement creating mutual obligations.

## JAPAN

### 13. General

The following is inserted as Item 13.n:

n. Any doubts concerning this Agreement will be initially resolved between us in good faith and in accordance with the principle of mutual trust.

## MALAYSIA

### 10.2 Items for Which IBM Is Not Liable

The word "SPECIAL" in Item 10.2b is deleted.

## NEW ZEALAND

### 8. No Warranties

The following is added to the first paragraph of this Section 8 (No Warranties):

Although IBM specifies that there are no warranties, Licensee may have certain rights under the Consumer Guarantees Act 1993 or other legislation which cannot be excluded or limited. The Consumer Guarantees Act 1993 will not apply in respect of any goods which IBM provides, if Licensee requires the goods for the purposes of a business as defined in that Act.

### 10. Limitation of Liability

The following is added:

Where Programs are not obtained for the purposes of a business as defined in the Consumer Guarantees Act 1993, the limitations in this Section are subject to the limitations in that Act.

## PEOPLE'S REPUBLIC OF CHINA

### 4. Charges

The following is added:

All banking charges incurred in the People's Republic of China will be borne by Licensee and those incurred outside the People's Republic of China will be borne by IBM.

## PHILIPPINES

### 10.2 Items for Which IBM Is Not Liable

The following replaces the terms of Item 10.2b:

b. special (including nominal and exemplary damages), moral, incidental, or indirect damages or for any economic consequential damages; or

## SINGAPORE

### 10.2 Items for Which IBM Is Not Liable

The words "SPECIAL" and "ECONOMIC" are deleted from Item 10.2b.

### 13. General

The following replaces the terms of Item 13.i:

i. Subject to the rights provided to IBM's suppliers and Program developers as provided in Section 10 above (Limitation of Liability), a person who is not a party to this Agreement will have no right under the Contracts (Right of Third Parties) Act to enforce any of its terms.

#### TAIWAN

##### 10.1 Items for Which IBM May Be Liable

The following sentences are deleted:

This limit also applies to any of IBM's subcontractors and Program developers. It is the maximum for which IBM and its subcontractors and Program developers are collectively responsible.

#### EUROPE, MIDDLE EAST, AFRICA (EMEA) COUNTRY AMENDMENTS

##### EUROPEAN UNION MEMBER STATES

##### 8. No Warranties

The following is added to Section 8 (No Warranties):

In the European Union ("EU"), consumers have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the provisions set out in this Section 8 (No Warranties).

##### EU MEMBER STATES AND THE COUNTRIES IDENTIFIED BELOW

Iceland, Liechtenstein, Norway, Switzerland, Turkey, and any other European country that has enacted local data privacy or protection legislation similar to the EU model.

##### 13. General

The following replaces Item 13.e:

(1) Definitions - For the purposes of this Item 13.e, the following additional definitions apply:

(a) Business Contact Information - business-related contact information disclosed by Licensee to IBM, including names, job titles, business addresses, telephone numbers and email addresses of Licensee's employees and contractors. For Austria, Italy and Switzerland, Business Contact Information also includes information about Licensee and its contractors as legal entities (for example, Licensee's revenue data and other transactional information)

(b) Business Contact Personnel - Licensee employees and contractors to whom the Business Contact Information relates.

(c) Data Protection Authority - the authority established by the Data Protection and Electronic Communications Legislation in the applicable country or, for non-EU countries, the authority responsible for supervising the protection of personal data in that country, or (for any of the foregoing) any duly appointed successor entity thereto.

(d) Data Protection & Electronic Communications Legislation - (i) the applicable local legislation and regulations in force implementing the requirements of EU Directive 95/46/EC (on the protection of individuals with regard to the processing of personal data and on the free movement of such data) and of EU Directive 2002/58/EC (concerning the processing of personal data and the protection of privacy in the electronic communications sector); or (ii) for non-EU countries, the legislation and/or regulations passed in the applicable country relating to the protection of personal data and the regulation of electronic communications involving personal data, including (for any of the foregoing) any statutory replacement or modification thereof.

(e) IBM Group - International Business Machines Corporation of Armonk, New York, USA, its subsidiaries, and their respective Business Partners and subcontractors.

(2) Licensee authorizes IBM:

(a) to process and use Business Contact Information within IBM Group in support of Licensee including the provision of support services, and for the purpose of furthering the business relationship between Licensee and IBM Group, including, without limitation, contacting Business Contact Personnel (by email or otherwise) and marketing IBM Group products and services (the "Specified Purpose"); and

(b) to disclose Business Contact Information to other members of IBM Group in pursuit of the Specified Purpose only.

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

(3) IBM agrees that all Business Contact Information will be processed in accordance with the Data Protection & Electronic Communications Legislation and will be used only for the Specified Purpose.

(4) To the extent required by the Data Protection & Electronic Communications Legislation, Licensee represents that (a) it has obtained (or will obtain) any consents from (and has issued (or will issue) any notices to) the Business Contact Personnel as are necessary in order to enable IBM Group to process and use the Business Contact Information for the Specified Purpose.

(5) Licensee authorizes IBM to transfer Business Contact Information outside the European Economic Area, provided that the transfer is made on contractual terms approved by the Data Protection Authority or the transfer is otherwise permitted under the Data Protection & Electronic Communications Legislation.

### AUSTRIA

#### 8. No Warranties

In Austria (and Germany) the following replaces Section 8 (No Warranties) in its entirety, including its title, if Licensee paid a charge to obtain the Program.

#### 8. Warranties and Exclusions

The warranty period is twelve months from the date of delivery. The limitation period for consumers in action for breach of warranty is the statutory period as a minimum.

The warranty for an IBM Program covers the functionality of the Program for its normal use and the Program's conformity to its specifications.

IBM warrants that when the Program is used in the specified operating environment it will conform to its specifications. IBM does not warrant uninterrupted or error-free operation of the Program or that IBM will correct all Program defects. Licensee is responsible for the results obtained from the use of the Program.

The warranty applies only to the unmodified portion of the Program.

If the Program does not function as warranted during the warranty period and the problem cannot be resolved with information available, Licensee may return the Program to the party from whom Licensee acquired it and receive a refund of the amount Licensee paid. If Licensee down loaded the Program, Licensee may contact the party from whom Licensee acquired it to obtain the refund.

This is IBM's sole obligation to Licensee, except as otherwise required by applicable statutory law.

#### 10. Limitation of Liability

The following is added:

The following limitations and exclusions of IBM's liability do not apply for damages caused by gross negligence or willful misconduct.

##### 10.1 Items for Which IBM May Be Liable

The following replaces the first sentence in the first paragraph:

Circumstances may arise where, because of a default by IBM in the performance of its obligations under this Agreement or other liability, Licensee is entitled to recover damages from IBM.

In the second sentence of the first paragraph, delete entirely the parenthetical phrase:

"(including fundamental breach, negligence, misrepresentation, or other contract or tort claim)".

##### 10.2 Items for Which IBM Is Not Liable

The following replaces Item 10.2b:

b. indirect damages or consequential damages; or

### BELGIUM, FRANCE, ITALY, AND LUXEMBOURG

#### 10. Limitation of Liability

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

The following replaces the terms of Section 10 (Limitation of Liability) in its entirety:

Except as otherwise provided by mandatory law:

### 10.1 Items for Which IBM May Be Liable

IBM's entire liability for all claims in the aggregate for any damages and losses that may arise as a consequence of the fulfillment of its obligations under or in connection with this Agreement or due to any other cause related to this Agreement is limited to the compensation of only those damages and losses proved and actually arising as an immediate and direct consequence of the non-fulfillment of such obligations (if IBM is at fault) or of such cause, for a maximum amount equal to the charges (if the Program is subject to fixed term charges, up to twelve months' charges) Licensee paid for the Program that has caused the damages.

The above limitation will not apply to damages for bodily injuries (including death) and damages to real property and tangible personal property for which IBM is legally liable.

### 10.2 Items for Which IBM Is Not Liable

UNDER NO CIRCUMSTANCES IS IBM OR ANY OF ITS PROGRAM DEVELOPERS LIABLE FOR ANY OF THE FOLLOWING, EVEN IF INFORMED OF THEIR POSSIBILITY: 1) LOSS OF, OR DAMAGE TO, DATA; 2) INCIDENTAL, EXEMPLARY OR INDIRECT DAMAGES, OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES; AND / OR 3) LOST PROFITS, BUSINESS, REVENUE, GOODWILL, OR ANTICIPATED SAVINGS, EVEN IF THEY ARISE AS AN IMMEDIATE CONSEQUENCE OF THE EVENT THAT GENERATED THE DAMAGES.

### 10.3 Suppliers and Program Developers

The limitation and exclusion of liability herein agreed applies not only to the activities performed by IBM but also to the activities performed by its suppliers and Program developers, and represents the maximum amount for which IBM as well as its suppliers and Program developers are collectively responsible.

GERMANY

## 8. No Warranties

This Section 8 (No Warranties) is amended as specified for AUSTRIA.

## 10. Limitation of Liability

The following replaces this Section 10 (Limitation of Liability) in its entirety:

a. IBM will be liable without limit for 1) loss or damage caused by a breach of an express guarantee; 2) damages or losses resulting in bodily injury (including death); and 3) damages caused intentionally or by gross negligence.

b. In the event of loss, damage and frustrated expenditures caused by slight negligence or in breach of essential contractual obligations, IBM will be liable, regardless of the basis on which Licensee is entitled to claim damages from IBM (including fundamental breach, negligence, misrepresentation, or other contract or tort claim), per claim only up to the greater of 500,000 euro or the charges (if the Program is subject to fixed term charges, up to 12 months' charges) Licensee paid for the Program that caused the loss or damage. A number of defaults which together result in, or contribute to, substantially the same loss or damage will be treated as one default.

c. In the event of loss, damage and frustrated expenditures caused by slight negligence, IBM will not be liable for indirect or consequential damages, even if IBM was informed about the possibility of such loss or damage.

d. In case of delay on IBM's part: 1) IBM will pay to Licensee an amount not exceeding the loss or damage caused by IBM's delay and 2) IBM will be liable only in respect of the resulting damages that Licensee suffers, subject to the provisions of Items a and b above.

## 13. General

The following replaces the provisions of 13.g:

g. Any claims resulting from this Agreement are subject to a limitation period of three years, except as stated in Section 8 (No Warranties) of this Agreement.

The following replaces the provisions of 13.i:

i. No right or cause of action for any third party is created by this Agreement, nor is IBM responsible for any third party claims against Licensee, except (to the extent permitted in Section 10 (Limitation of Liability)) for: i) bodily injury (including death); or ii) damage to real or tangible personal

property for which (in either case) IBM is legally liable to that third party.

## IRELAND

### 8. No Warranties

The following sentence is added to the second paragraph of this Section 8 (No Warranties):

Except as expressly provided in these terms and conditions, or Section 12 of the Sale of Goods Act 1893 as amended by the Sale of Goods and Supply of Services Act, 1980 (the "1980 Act"), all conditions or warranties (express or implied, statutory or otherwise) are hereby excluded including, without limitation, any warranties implied by the Sale of Goods Act 1893 as amended by the 1980 Act (including, for the avoidance of doubt, Section 39 of the 1980 Act).

## IRELAND AND UNITED KINGDOM

### 2. Agreement Structure

The following sentence is added:

Nothing in this paragraph shall have the effect of excluding or limiting liability for fraud.

#### 10.1 Items for Which IBM May Be Liable

The following replaces the first paragraph of the Subsection:

For the purposes of this section, a "Default" means any act, statement, omission or negligence on the part of IBM in connection with, or in relation to, the subject matter of an Agreement in respect of which IBM is legally liable to Licensee, whether in contract or in tort. A number of Defaults which together result in, or contribute to, substantially the same loss or damage will be treated as one Default.

Circumstances may arise where, because of a Default by IBM in the performance of its obligations under this Agreement or other liability, Licensee is entitled to recover damages from IBM. Regardless of the basis on which Licensee is entitled to claim damages from IBM and except as expressly required by law without the possibility of contractual waiver, IBM's entire liability for any one Default will not exceed the amount of any direct damages, to the extent actually suffered by Licensee as an immediate and direct consequence of the Default, up to the greater of (1) 500,000 euro (or the equivalent in local currency) or (2) 125% of the charges (if the Program is subject to fixed term charges, up to 12 months" charges) for the Program that is the subject of the claim. Notwithstanding the foregoing, the amount of any damages for bodily injury (including death) and damage to real property and tangible personal property for which IBM is legally liable is not subject to such limitation.

#### 10.2 Items for Which IBM Is Not Liable

The following replaces Items 10.2b and 10.2c:

- b. special, incidental, exemplary, or indirect damages or consequential damages; or
- c. wasted management time or lost profits, business, revenue, goodwill, or anticipated savings.

Z125-5589-05 (07/2011)

## LICENSE INFORMATION

The Programs listed below are licensed under the following License Information terms and conditions in addition to the Program license terms previously agreed to by Client and IBM. If Client does not have previously agreed to license terms in effect for the Program, the IBM International License Agreement for Non-Warranted Programs (Z125-5589-05) applies.

Program Name: IBM(R) 32-bit SDK for AIX, Java(TM) Technology Edition, Version 8  
Program Number: TOOLS

Program Name: IBM(R) 64-bit SDK for AIX, Java(TM) Technology Edition, Version 8  
Program Number: TOOLS

### Redistributables

If the Program includes components that are Redistributable, they will be identified in the REDIST file that accompanies the Program. In addition to the license rights granted in the Agreement, Licensee may distribute the Redistributables subject to the following terms:

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

- 1) Redistribution must be in object code form only and must conform to all directions, instruction and specifications in the Program's accompanying REDIST or documentation;
- 2) If the Program's accompanying documentation expressly allows Licensee to modify the Redistributables, such modification must conform to all directions, instruction and specifications in that documentation and these modifications, if any, must be treated as Redistributables;
- 3) Redistributables may be distributed only as part of Licensee's application that was developed using the Program ("Licensee's Application") and only to support Licensee's customers in connection with their use of Licensee's Application. Licensee's Application must constitute significant value add such that the Redistributables are not a substantial motivation for the acquisition by end users of Licensee's software product;
- 4) If the Redistributables include a Java Runtime Environment, Licensee must also include other non-Java Redistributables with Licensee's Application, unless the Application is designed to run only on general computer devices (for example, laptops, desktops and servers) and not on handheld or other pervasive devices (i.e., devices that contain a microprocessor but do not have computing as their primary purpose);
- 5) Licensee may not remove any copyright or notice files contained in the Redistributables;
- 6) Licensee must hold IBM, its suppliers or distributors harmless from and against any claim arising out of the use or distribution of Licensee's Application;
- 7) Licensee may not use the same path name as the original Redistributable files/modules;
- 8) Licensee may not use IBM's, its suppliers or distributors names or trademarks in connection with the marketing of Licensee's Application without IBM's or that supplier's or distributor's prior written consent;
- 9) IBM, its suppliers and distributors provide the Redistributables and related documentation without obligation of support and "AS IS", WITH NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTY OF TITLE, NON-INFRINGEMENT OR NON-INTERFERENCE AND THE IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE;
- 10) Licensee is responsible for all technical assistance for Licensee's Application and any modifications to the Redistributables; and
- 11) Licensee's license agreement with the end user of Licensee's Application must notify the end user that the Redistributables or their modifications may not be i) used for any purpose other than to enable Licensee's Application, ii) copied (except for backup purposes), iii) further distributed or transferred without Licensee's Application or iv) reverse assembled, reverse compiled, or otherwise translated except as specifically permitted by law and without the possibility of a contractual waiver. Furthermore, Licensee's license agreement must be at least as protective of IBM as the terms of this Agreement.

### Technology Preview Code

Technology Preview Code (TPC) may be included or distributed with the Program or updates to it but are not part of the Program. TPC is licensed under the same terms as the Program, except as provided below. TPC will be identified as such in the Notices File (or in an updated Notices File accompanying the updates). Some or all of the TPC may not be made generally available by IBM as or in a product. Licensee is permitted to use TPC only for internal use for evaluation purposes and not for use in a production environment. The Notices File may limit this evaluation use to an evaluation period. If so, at the end of such evaluation period Licensee must cease using and uninstall the TPC. IBM provides the TPC without obligation of support and "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE WARRANTY OF TITLE, NON-INFRINGEMENT OR NON-INTERFERENCE AND ANY IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Licensee may not transfer TPC to another party except as a transfer accompanying the Program. TPC may contain a disabling device that will prevent it from being used after the evaluation period ends. Licensee will not tamper with this disabling device or the TPC. Licensee should take precautions to avoid any loss of data that might result when the TPC can no longer be used.

L/N: L-SJAH-9RVD4W  
D/N: L-SJAH-9RVD4W  
P/N: L-SJAH-9RVD4W

## 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/>>.



## 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 Microsoft's 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  
Copyright (c) 2017 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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

### Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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](http://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](http://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](http://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

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) 2017 Software AG, Darmstadt, Germany



## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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.



## Oracle Binary Code License Agreement for the Java SE Platform Products and JavaFX\_2013

Oracle Binary Code License Agreement for the Java SE Platform Products and JavaFX

ORACLE AMERICA, INC. ("ORACLE"), FOR AND ON BEHALF OF ITSELF AND ITS SUBSIDIARIES AND AFFILIATES UNDER COMMON CONTROL, IS WILLING TO LICENSE THE SOFTWARE TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS BINARY CODE LICENSE AGREEMENT AND SUPPLEMENTAL LICENSE TERMS (COLLECTIVELY "AGREEMENT"). PLEASE READ THE AGREEMENT CAREFULLY. BY SELECTING THE "ACCEPT LICENSE AGREEMENT" (OR THE EQUIVALENT) BUTTON AND/OR BY USING THE SOFTWARE YOU ACKNOWLEDGE THAT YOU HAVE READ THE TERMS AND AGREE TO THEM. IF YOU ARE AGREEING TO THESE TERMS ON BEHALF OF A COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT THAT YOU HAVE THE LEGAL AUTHORITY TO BIND THE LEGAL ENTITY TO THESE TERMS. IF YOU DO NOT HAVE SUCH AUTHORITY, OR IF YOU DO NOT WISH TO BE BOUND BY THE TERMS, THEN SELECT THE "DECLINE LICENSE AGREEMENT" (OR THE EQUIVALENT) BUTTON AND YOU MUST NOT USE THE SOFTWARE ON THIS SITE OR ANY OTHER MEDIA ON WHICH THE SOFTWARE IS CONTAINED.

1. DEFINITIONS. "Software" means the software identified above in binary form that you selected for download, install or use (in the version You selected for download, install or use) from Oracle or its authorized licensees, any other machine readable materials (including, but not limited to, libraries, source files, header files, and data files), any updates or error corrections provided by Oracle, and any user manuals, programming guides and other documentation provided to you by Oracle under this Agreement. "General Purpose Desktop Computers and Servers" means computers, including desktop and laptop computers, or servers, used for general computing functions under end user control (such as but not specifically limited to email, general purpose Internet browsing, and office suite productivity tools). The use of Software in systems and solutions that provide dedicated functionality (other than as mentioned above) or designed for use in embedded or function-specific software applications, for example but not limited to: Software embedded in or bundled with industrial control systems, wireless mobile telephones, wireless handheld devices, kiosks, TV/STB, Blu-ray Disc devices, telematics and network control switching equipment, printers and storage management systems, and other related systems are excluded from this definition and not licensed under this Agreement. "Programs" means (a) Java technology applets and applications intended to run on the Java Platform, Standard Edition platform on Java-enabled General Purpose Desktop Computers and Servers; and (b) JavaFX technology applications intended to run on the JavaFX Runtime on JavaFX-enabled General Purpose Desktop Computers and Servers. Commercial Features means those features identified in Table 1-1 (Commercial Features In Java SE Product Editions) of the Java SE documentation accessible at <http://www.oracle.com/technetwork/java/javase/documentation/index.html>. README File means the README file for the Software accessible at <http://www.oracle.com/technetwork/java/javase/documentation/index.html>.

2. LICENSE TO USE. Subject to the terms and conditions of this Agreement including, but not limited to, the Java Technology Restrictions of the Supplemental License Terms, Oracle grants you a non-exclusive, non-transferable, limited license without license fees to reproduce and use internally the Software complete and unmodified for the sole purpose of running Programs. THE LICENSE SET FORTH IN THIS SECTION 2 DOES NOT EXTEND TO THE COMMERCIAL FEATURES. YOUR RIGHTS AND OBLIGATIONS RELATED TO THE COMMERCIAL FEATURES ARE AS SET FORTH IN THE SUPPLEMENTAL TERMS ALONG WITH ADDITIONAL LICENSES FOR DEVELOPERS AND PUBLISHERS.

3. RESTRICTIONS. Software is copyrighted. Title to Software and all associated intellectual property rights is retained by Oracle and/or its licensors. Unless enforcement is prohibited by applicable law, you may not modify, decompile, or reverse engineer Software. You acknowledge that the Software is developed for general use in a variety of information management applications; it is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use the Software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle disclaims any express or implied warranty of fitness for such uses. No right, title or interest in or to any trademark, service mark, logo or trade name of Oracle or its licensors is granted under this Agreement. Additional restrictions for developers and/or publishers licenses are set forth in the Supplemental License Terms.

4. DISCLAIMER OF WARRANTY. THE SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. ORACLE FURTHER DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NONINFRINGEMENT.

5. LIMITATION OF LIABILITY. IN NO EVENT SHALL ORACLE BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA OR DATA USE, INCURRED BY YOU OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT OR TORT, EVEN IF ORACLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. ORACLE'S ENTIRE LIABILITY FOR DAMAGES HEREUNDER SHALL IN NO EVENT EXCEED ONE THOUSAND DOLLARS (U.S. \$1,000).

6. TERMINATION. This Agreement is effective until terminated. You may terminate this Agreement at any time by destroying all copies of Software. This Agreement will terminate immediately without notice from Oracle if you fail to comply with any provision of this Agreement. Either party may terminate this Agreement immediately should any Software become, or in either party's opinion be likely to become, the subject of a claim of infringement of any intellectual property right. Upon termination, you must destroy all copies of Software.

7. EXPORT REGULATIONS. You agree that U.S. export control laws and other applicable export and import laws govern your use of the Software, including technical data; additional information can be found on Oracle's Global Trade Compliance web site (<http://www.oracle.com/us/products/export>). You agree that neither the Software nor any direct product thereof will be exported, directly, or indirectly, in violation of these laws, or will be used for any purpose prohibited by these laws including, without limitation, nuclear, chemical, or biological weapons proliferation.

8. TRADEMARKS AND LOGOS. You acknowledge and agree as between you and Oracle that Oracle owns the ORACLE and JAVA trademarks and all ORACLE- and JAVA-related trademarks, service marks, logos and other brand designations ("Oracle Marks"), and you agree to comply with the Third Party Usage Guidelines for Oracle Trademarks currently located at <http://www.oracle.com/us/legal/third-party-trademarks/index.html> . Any use you make of the Oracle Marks inures to Oracle's benefit.

9. U.S. GOVERNMENT LICENSE RIGHTS. If Software is being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), then the Government's rights in Software and accompanying documentation shall be only those set forth in this Agreement.

10. GOVERNING LAW. This agreement is governed by the substantive and procedural laws of California. You and Oracle agree to submit to the exclusive jurisdiction of, and venue in, the courts of San Francisco, or Santa Clara counties in California in any dispute arising out of or relating to this agreement.

11. SEVERABILITY. If any provision of this Agreement is held to be unenforceable, this Agreement will remain in effect with the provision omitted, unless omission would frustrate the intent of the parties, in which case this Agreement will immediately terminate.

12. INTEGRATION. This Agreement is the entire agreement between you and Oracle relating to its subject matter. It supersedes all prior or contemporaneous oral or written communications, proposals, representations and warranties and prevails over any conflicting or additional terms of any quote, order, acknowledgment, or other communication between the parties relating to its subject matter during the term of this Agreement. No modification of this Agreement will be binding, unless in writing and signed by an authorized representative of each party.

#### SUPPLEMENTAL LICENSE TERMS

These Supplemental License Terms add to or modify the terms of the Binary Code License Agreement. Capitalized terms not defined in these Supplemental Terms shall have the same meanings ascribed to them in the Binary Code License Agreement. These Supplemental Terms shall supersede any inconsistent or conflicting terms in the Binary Code License Agreement, or in any license contained within the Software.

A. COMMERCIAL FEATURES. You may not use the Commercial Features for running Programs, Java applets or applications in your internal business operations or for any commercial or production purpose, or for any purpose other than as set forth in Sections B, C, D and E of these Supplemental Terms. If You want to use the Commercial Features for any purpose other than as permitted in this Agreement, You must obtain a separate license from Oracle.

B. SOFTWARE INTERNAL USE FOR DEVELOPMENT LICENSE GRANT. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the README File incorporated herein by reference, including, but not limited to the Java Technology Restrictions of these Supplemental Terms, Oracle grants you a non-exclusive, non-transferable, limited license without fees to reproduce internally and use internally the Software complete and unmodified for the purpose of designing, developing, and testing your Programs.

C. LICENSE TO DISTRIBUTE SOFTWARE. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the README File, including, but not limited to the Java Technology Restrictions and Limitations on Redistribution of these Supplemental Terms, Oracle grants you a non-exclusive, non-transferable, limited license without fees to reproduce and distribute the Software, provided that (i) you distribute the Software complete and unmodified and only bundled as part of, and for the sole purpose of running, your Programs, (ii) the Programs add significant and primary functionality to the Software, (iii) you do not distribute additional software intended to replace any component(s) of the Software, (iv) you do not remove or alter any proprietary legends or notices contained in the Software, (v) you only distribute the Software subject to a license agreement that: (a) is a complete, unmodified reproduction of this Agreement; or (b) protects Oracle's interests consistent with the terms contained in this Agreement and that includes the notice set forth in Section H, and (vi) you agree to defend and indemnify Oracle and its licensors from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from the use or distribution of any and all Programs and/or Software. The license set forth in this Section C does not extend to the Software identified in Section G.

D. LICENSE TO DISTRIBUTE REDISTRIBUTABLES. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the README File, including but not limited to the Java Technology Restrictions and Limitations on Redistribution of these Supplemental Terms, Oracle grants you a non-exclusive, non-transferable, limited license without fees to reproduce and distribute those files specifically identified as redistributable in the README File ("Redistributables") provided that: (i) you distribute the Redistributables complete and unmodified, and only bundled as part of Programs, (ii) the Programs add significant and primary functionality to the Redistributables, (iii) you do not distribute additional software intended to supersede any component(s) of the Redistributables (unless otherwise specified in the applicable README File), (iv) you do not remove or alter any proprietary legends or notices contained in or on the Redistributables, (v) you only distribute the Redistributables pursuant to a license agreement that: (a) is a complete, unmodified reproduction of this Agreement; or (b) protects Oracle's interests consistent with the terms contained in the Agreement and includes the notice set forth in Section H, (vi) you agree to defend and indemnify Oracle and its licensors from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from the use or distribution of any and all Programs and/or Software. The license set forth in this Section D does not extend to the Software identified in Section G.

E. DISTRIBUTION BY PUBLISHERS. This section pertains to your distribution of the Java™ SE Development Kit Software (JDK) with your printed book or magazine (as those terms are commonly used in the industry) relating to Java technology ("Publication"). Subject to and conditioned upon your compliance with the restrictions and obligations contained in the Agreement, Oracle hereby grants to you a non-exclusive, nontransferable limited right to reproduce complete and unmodified copies of the JDK on electronic media (the "Media") for the sole purpose of inclusion and distribution with your Publication(s), subject to the following terms: (i) You may not distribute the JDK on a stand-alone basis; it must be distributed with your Publication(s); (ii) You are responsible for downloading the JDK from the applicable Oracle web site; (iii) You must refer to the JDK as Java™ SE Development Kit; (iv) The JDK must be reproduced in its entirety and without any modification whatsoever (including with respect to all proprietary notices) and distributed with your Publication subject to a license agreement that is a complete, unmodified reproduction of this Agreement; (v) The Media label shall include the following information: Copyright [YEAR], Oracle America, Inc. All rights reserved. Use is subject to license terms. ORACLE and JAVA trademarks and all ORACLE- and JAVA-related trademarks, service marks, logos and other brand designations are trademarks or registered trademarks of Oracle in the U.S. and other countries. [YEAR] is the year of Oracle's release of the Software; the year information can typically be found in the Softwares About box or screen. This information must be placed on the Media label in such a manner as to only apply to the JDK; (vi) You must clearly identify the JDK as Oracle's product on the Media holder or Media label, and you may not state or imply that Oracle is responsible for any third-party software contained on the Media; (vii) You may not include any third party software on the Media which is intended to be a replacement or substitute for the JDK; (viii) You agree to defend and indemnify Oracle and its licensors from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from the use or distribution of the JDK and/or the Publication; ; and (ix) You shall provide Oracle with a written notice for each Publication; such notice shall include the following information: (1) title of Publication, (2) author(s), (3) date of Publication, and (4) ISBN or ISSN numbers. Such notice shall be sent to Oracle America, Inc., 500 Oracle Parkway, Redwood Shores, California 94065 U.S.A , Attention: General Counsel.

F. JAVA TECHNOLOGY RESTRICTIONS. You may not create, modify, or change the behavior of, or authorize your licensees to create, modify, or change the behavior of, classes, interfaces, or subpackages that are in any way identified as "java", "javax", "sun", oracle or similar convention as specified by Oracle in any naming convention designation.

G. LIMITATIONS ON REDISTRIBUTION. You may not redistribute or otherwise transfer patches, bug fixes or updates made available by Oracle through Oracle Premier Support, including those made available under Oracle's Java SE Support program.

H. COMMERCIAL FEATURES NOTICE. For purpose of complying with Supplemental Term Section C.(v)(b) and D.(v)(b), your license agreement shall include the following notice, where the notice is displayed in a manner that anyone using the Software will see the notice:

Use of the Commercial Features for any commercial or production purpose requires a separate license from Oracle. Commercial Features means those features identified Table 1-1 (Commercial Features In Java SE Product Editions) of the Java SE documentation accessible at <http://www.oracle.com/technetwork/java/javase/documentation/index.html>

I. SOURCE CODE. Software may contain source code that, unless expressly licensed for other purposes, is provided solely for reference purposes pursuant to the terms of this Agreement. Source code may not be redistributed unless expressly provided for in this Agreement.

J. THIRD PARTY CODE. Additional copyright notices and license terms applicable to portions of the Software are set forth in the THIRDPARTYLICENSEREADME file accessible at <http://www.oracle.com/technetwork/java/javase/documentation/index.html>. In addition to any terms and conditions of any third party opensource/freeware license identified in the THIRDPARTYLICENSEREADME file, the disclaimer of warranty and limitation of liability provisions in paragraphs 4 and 5 of the Binary Code License Agreement shall apply to all Software in this distribution.

K. TERMINATION FOR INFRINGEMENT. Either party may terminate this Agreement immediately should any Software become, or in either party's opinion be likely to become, the subject of a claim of infringement of any intellectual property right.

L. INSTALLATION AND AUTO-UPDATE. The Software's installation and auto-update processes transmit a limited amount of data to Oracle (or its service provider) about those specific processes to help Oracle understand and optimize them. Oracle does not associate the data with personally identifiable information. You can find more information about the data Oracle collects as a result of your Software download at <http://www.oracle.com/technetwork/java/javase/documentation/index.html>.

For inquiries please contact: Oracle America, Inc., 500 Oracle Parkway,

Redwood Shores, California 94065, USA.

Last updated 02 April 2013

**TAC#01898**

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



## 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) 2017 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

## 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.

Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

TAC#02847

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

Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

**TAC#1846**

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.



## Embedded Copyrights

### Embedded License(s): apache-commons-beanutils 1.8.3

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

### Embedded License(s): apache-log4j 1.2.17

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

### Embedded License(s): jetty 8.1.15

Jetty is dual licensed under both The Apache 2.0 License <http://www.apache.org/licenses/LICENSE-2.0.html> and The Eclipse Public 1.0 License <http://www.eclipse.org/legal/epl-v10.html> Jetty may be distributed under either license. The javax.servlet package used was sourced from the Apache Software Foundation and is distributed under the apache 2.0 license. The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

### Embedded License(s): netty-netty 3.6.9.Final

jsr166y.txt (Public Domain)  
base64.txt (Public Domain)  
jzlib.txt (BSD Style License)  
protobuf.txt (New BSD License)  
slf4j.txt (MIT License)  
commons-logging.txt (Apache License 2.0)  
log4j.txt (Apache License 2.0)  
jboss-logging.txt (GNU LGPL 2.1)  
felix.txt (Apache License 2.0)  
webbit.txt (BSD License)

### Embedded License(s): commons-lang3 3.3.2

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 License(s): apache-jakarta-commons-codec 1.9

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

Copyright (C) 2002 Kevin Atkinson ([kevina@gnu.org](mailto:kevina@gnu.org))

### Embedded License(s): commons-lang 2.6

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

### Embedded License(s): apache-httpcore 4.2.2

This project contains annotations derived from JCIP-ANNOTATIONS Copyright (c) 2005 Brian Goetz and Tim Peierls. See <http://www.jcip.net>

### Embedded License(s): fasterxml-jackson-module-jaxb-annotations 2.3.3

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 License(s): javax.activation 1.1.0.v201105071233

NOTICE file corresponding to the section 4d of The Apache License, Version 2.0, in this case for Geronimo JavaMail :: 1.4 Provider Geronimo  
JavaMail :: 1.4 Provider

### Embedded License(s): httpcore 4.1.3

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/>.

### Embedded License(s): httpcore 4.4.1

This project contains annotations derived from JCIP-ANNOTATIONS  
Copyright (c) 2005 Brian Goetz and Tim Peierls. See <http://www.jcip.net>

### Embedded License(s): apache-jakarta-commons-logging 1.1.1

This product includes/uses software(s) developed by 'an unknown organization'  
- Unnamed - avalon-framework:avalon-framework:jar:4.1.3  
- Unnamed - log4j:log4j:jar:1.2.12  
- Unnamed - logkit:logkit:jar:1.0.1

## Embedded License(s): springsource-apache-log4j 1.2.16

See the NOTICE file distributed with this work for additional information regarding copyright ownership.

## Embedded License(s): twitter-util\_2.9.2-6.5.0 6.5.0

Authors

eaceaser (eac@twitter.com)  
Glen D Sanford (glen@twitter.com)  
Jake Donham (jdonham@twitter.com)  
Jeremy Cloud (jeremycloud@twitter.com)  
Kyle Maxwell (kmaxwell@twitter.com)  
Marcel Molina (marcel@twitter.com)  
marius a. eriksen (marius@twitter.com)  
Matt Freels (matt@freels.name)  
Nick Kallen (nkallen@yahoo.com)  
Robey Pointer (robey@twitter.com)  
Steve Jenson (stevej@twitter.com)  
Attila Szegedi (szegedia@gmail.com)  
Oliver Gould (ver@twitter.com)  
Wilhelm Bierbaum (wilhelm@twitter.com)

Contact

Nick Kallen (nick@twitter.com)

## Embedded License(s): jdk-oracle 1.8.0.121

Copyright (c) 2000-2011 France Tlcom  
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) 2009-2013, Attila Szegedi  
Copyright (c) 2011 Ecma International  
Copyright (c) 2001,2003 Keith Packard  
Copyright (c) 2002 Graz University of Technology.  
Copyright (c) 1995-2010 International Business Machines Corporation and others  
Copyright (c) 1991-1998, Thomas G. Lane.  
Copyright (c) 2004-2009 Paul R. Holser, Jr.  
Copyright (c) IBM Corp. 1999  
Copyright (c) 1997 The Open Group Research Institute.  
Copyright (c) 1998 by the FundsXpress, INC.  
Copyright (c) 2007 The Khronos Group Inc.  
Copyright (c) 1996, 1997 Andreas Dilger  
Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.  
Copyright (c) 1997 Eric S. Raymond  
Copyright (c) 1998-2015 Marti Maria Saguer  
Copyright (c) 1999-2002 Brian Paul  
Copyright (c) 1999-2004 David Corcoran <corcoran@linuxnet.com>  
Copyright (c) 1999-2004 Ludovic Rousseau <ludovic.rousseau (at) free.fr>  
Copyright (c) Kohsuke Kawaguchi  
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 Government.  
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) 1991-2013 Unicode  
Copyright (c) 1996-2000 Markus Oberhumer & Laszlo Molnar  
Copyright (c) 1996-2000 Markus Franz Xaver Johannes Oberhumer  
Copyright (c) 1994-2004 The XFree86 Project, Inc.  
Copyright (c) 2003 The NetBSD Foundation, Inc.  
Copyright (c) 1995,1999 Theo de Raadt.  
Copyright (c) 2001-2002 Damien Miller.  
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>  
Copyright (c) 2001-2004 Thomas Winischhofer  
Copyright (c) 1996 NVIDIA, Corp.  
Copyright (c) 2017 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

Copyright (c) 1994-1999 Silicon Graphics, Inc.

Copyright (c) 2003 by Bitstream, Inc.

copyright (c) 2001 by Bigelow & Holmes Inc.

Copyright (c) 1995-2013 Jean-loup Gailly and Mark Adler

### Embedded License(s): apache-xmlbeans 2.3.0

Portions of this software were originally based on the following: software copyright (c) 2000-2003, BEA Systems, <<http://www.bea.com/>>. Aside from contributions to the Apache XMLBeans project, this software also includes: one or more source files from the Apache Xerces-J and Apache Axis products, Copyright (c) 1999-2003 Apache Software Foundation W3C XML Schema documents Copyright 2001-2003 (c) World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University) resolver.jar from Apache Xml Commons project, Copyright (c) 2001-2003 Apache Software Foundation Piccolo XML Parser for Java from <http://piccolo.sourceforge.net/>, Copyright 2002 Yuval Oren under the terms of the Apache Software License 2.0 JSR-173 Streaming API for XML from <http://sourceforge.net/projects/xmlpullparser/>, Copyright 2005 BEA under the terms of the Apache Software License 2.0

### Embedded License(s): jdk-hp 8.0.08

spec. contract

### Embedded License(s): 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 License(s): xml-apis 1.0.b2

Copyright (c) 1998 by W3C

### Embedded License(s): 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 runtime) - see LICENSE.txt ===== The source

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

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

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

### Embedded License(s): jdk-ibm-zlinux 1.8.0 SR3 FP22

Copyright (c) 1992, 2016, Oracle and/or its affiliates.

Copyright (c) 1999-2007 The Apache Software Foundation.

### Embedded License(s): httpclient 4.4.1

This project includes Public Suffix List copied from

licensed under the terms of the Mozilla Public License, v. 2.0

### Embedded License(s): apache-log4j 1.2.16

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

### Embedded License(s): jre-java-runtime-environment 1.8.0.121

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

Copyright (c) 2003-2005 Colin Percival. All rights reserved.  
Copyright (c) 2017 Software AG, Darmstadt, Germany

Copyright (c) 1999 by CoolServlets.com.

**Embedded License(s): apache-jakarta-commons-discovery 0.4**

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

**Embedded License(s): wss4j 1.6.5**

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

This product includes software Copyright University of Southampton IT  
Innovation Centre, 2006 (<http://www.it-innovation.soton.ac.uk>).

**Embedded License(s): apache-jakarta-commons-codec 1.4**

Copyright (C) 2002 Kevin Atkinson ([kevina@gnu.org](mailto:kevina@gnu.org)).

**Embedded License(s): apache-db-derby 10.8.2.2**

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

Portions of Derby were originally developed by  
International Business Machines Corporation and are  
licensed to the Apache Software Foundation under the  
"Software Grant and Corporate Contribution License Agreement",  
informally known as the "Derby CLA".  
The following copyright notice(s) were affixed to portions of the code  
with which this file is now or was at one time distributed  
and are placed here unaltered.

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

(C) Copyright IBM Corp. 2003.

=====  
The portion of the functionTests under 'nist' was originally  
developed by the National Institute of Standards and Technology (NIST),  
an agency of the United States Department of Commerce, and adapted by  
International Business Machines Corporation in accordance with the NIST  
Software Acknowledgment and Redistribution document at  
[http://www.itl.nist.gov/div897/ctg/sql\\_form.htm](http://www.itl.nist.gov/div897/ctg/sql_form.htm)

=====  
The JDBC apis for small devices and JDBC3 (under `java/stubs/jsr169` and  
`java/stubs/jdbc3`) were produced by trimming sources supplied by the  
Apache Harmony project. In addition, the Harmony SerialBlob and  
SerialClob implementations are used. The following notice covers the Harmony sources:

Portions of Harmony were originally developed by  
Intel Corporation and are licensed to the Apache Software  
Foundation under the "Software Grant and Corporate Contribution  
License Agreement", informally known as the "Intel Harmony CLA".

=====  
The Derby build relies on source files supplied by the Apache Felix  
project. The following notice covers the Felix files:

Apache Felix Main  
Copyright 2008 The Apache Software Foundation

I. Included Software

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).  
Licensed under the Apache License 2.0.

This product includes software developed at  
The OSGi Alliance (<http://www.osgi.org/>).  
Copyright (c) OSGi Alliance (2000, 2007).  
Licensed under the Apache License 2.0.

This product includes software from <http://kxml.sourceforge.net>.  
Copyright (c) 2002,2003, Stefan Haustein, Oberhausen, Rhld., Germany.  
Licensed under BSD License.

II. Used Software

This product uses software developed at  
The OSGi Alliance (<http://www.osgi.org/>).  
Copyright (c) OSGi Alliance (2000, 2007).  
Licensed under the Apache License 2.0.

III. License Summary

- Apache License 2.0
- BSD License

=====  
The Derby build relies on jar files supplied by the Apache Xalan  
project. The following notice covers the Xalan jar files:

=====  
== NOTICE file corresponding to section 4(d) of the Apache License, ==  
== Version 2.0, in this case for the Apache Xalan Java distribution. ==  
=====

Apache Xalan (Xalan XSLT processor)  
Copyright 1999-2006 The Apache Software Foundation

Apache Xalan (Xalan serializer)  
Copyright 1999-2006 The Apache Software Foundation

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

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

=====  
The binary distribution package (ie. jars, samples and documentation) of  
this product includes software developed by the following:  
Copyright (c) 2017 Software AG, Darmstadt, Germany

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

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

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

=====  
Apache Xerces Java  
Copyright 1999-2006 The Apache Software Foundation

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

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

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

=====  
Apache xml-commons xml-apis (redistribution of xml-apis.jar)

Apache XML Commons  
Copyright 2001-2003,2006 The Apache Software Foundation.

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

Portions of this software were originally based on the following:

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

### Embedded License(s): apache-xmlbeans 2.4.0

Aside from contributions to the Apache XMLBeans project, this software also includes: - one or more source files from the Apache Xerces-J and Apache Axis products, Copyright (c) 1999-2003 Apache Software Foundation - W3C XML Schema documents Copyright 2001-2003 (c) World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University) - resolver.jar from Apache Xml Commons project, Copyright (c) 2001-2003 Apache Software Foundation - Piccolo XML Parser for Java from <http://piccolo.sourceforge.net/>, Copyright 2002 Yuval Oren under the terms of the Apache Software License 2.0 - JSR-173 Streaming API for XML from <http://sourceforge.net/projects/xmlpullparser/>, Copyright 2005 BEA under the terms of the Apache Software License 2.0

### Embedded License(s): xml-apis 1.4.1

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

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 License(s): apache-ant 1.8.2

This product includes also software developed by :

- the W3C consortium (<http://www.w3c.org>) ,
- the SAX project (<http://www.saxproject.org>)

The task is based on code Copyright (c) 2002, Landmark  
Graphics Corp that has been kindly donated to the Apache Software  
Foundation.

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>.
- voluntary contributions made by Paul Eng on behalf of the  
Apache Software Foundation that were originally developed at iClick, Inc.,  
software copyright (c) 1999.

### Embedded License(s): jre-java-runtime-environment 1.8.0.141

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

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

Copyright (c) 1999 by CoolServlets.com.

### Embedded License(s): apache-commons-httpclient 3.1

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

### Embedded License(s): gf.asm-all-repackaged.jar 2.2.0

Copyright (c) 2000-2011 INRIA, France Telecom

### Embedded License(s): 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 License(s): apache-httpclient 4.1.3

This project contains annotations derived from JCIP-ANNOTATIONS Copyright (c) 2005 Brian Goetz and Tim Peierls. See <http://www.jcip.net>

### Embedded License(s): jdk-ibm-aix 1.8.0 SR3 FP22

Copyright (c) 1992, 2016, Oracle and/or its affiliates.

Copyright (c) 1999-2007 The Apache Software Foundation.

### Embedded License(s): com.sun.el 2.2.0.v201108011116

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0

### Embedded License(s): apache-jakarta-commons-codec 1.6

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

### Embedded License(s): metrics-core 3.0.1

This product includes software developed by Coda Hale and Yammer, Inc.

This product includes code derived from the JSR-166 project (ThreadLocalRandom, Striped64,  
LongAdder), which was released with the following comments:

Written by Doug Lea with assistance from members of JCP JSR-166  
Expert Group and released to the public domain, as explained at  
<http://creativecommons.org/publicdomain/zero/1.0/>

### Embedded License(s): 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](http://glassfish/bootstrap/legal/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

## Third Party License(s) of Terracotta BigMemory (TAB) Version 4.3.4 2017Oct

glassfish/bootstrap/legal/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 License(s): joda-time 1.6.2**

This product includes software developed by Joda.org (<http://www.joda.org/>).

END OF LEGAL NOTICES