

**Third-Party License(s) of Terracotta (TDB) Version 10.11**

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. SOFTWARE AG PROVIDES SOURCE CODE OF THIRD-PARTY COMPONENTS WHERE REQUIRED BY AN OPEN SOURCE LICENSE AT <https://opensource.softwareag.com>

| No. | Name                            | Version   | Copyright (oversized see Appx. B)                                                                                                       | Licenses (Appx. A) and embedded Notices (Appx. C)                 | Package Comment |
|-----|---------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------|
| 1   | @swimlane/dragula               | 3.7.3     | Copyright (c) 2015-2016 Nicolas Bevacqua                                                                                                | MIT License (also X11)                                            |                 |
| 2   | apache-ant                      | 1.10.10   | Copyright (c) 1999-2021 The Apache Software Foundation                                                                                  | Apache License 2.0 (c.f. apache-ant 1.10.10)                      |                 |
| 3   | apache-commons-cli              | 1.3.1     | Copyright (c) 2001-2015 The Apache Software Foundation.                                                                                 | Apache License 2.0 (c.f. apache-commons-cli 1.3.1)                |                 |
| 4   | apache-commons-httpclient       | 3.1       | Copyright 1999-2007 The Apache Software Foundation.                                                                                     | Apache License 2.0 (c.f. apache-commons-httpclient 3.1)           |                 |
| 5   | apache-db-derby                 | 10.14.2.0 | Copyright (c) 2004-2018 The Apache Software Foundation                                                                                  | Apache License 2.0 (c.f. apache-db-derby 10.14.2.0)               |                 |
| 6   | apache-jakarta-commons-cli      | 1.3.1     | Copyright 2001-2015 The Apache Software Foundation                                                                                      | Apache License 2.0                                                |                 |
| 7   | apache-jakarta-commons-digester | 1.8.1     | Copyright 2001-2008 The Apache Software Foundation                                                                                      | Apache License 2.0                                                |                 |
| 8   | apache-jakarta-commons-jxpath   | 1.3       | Apache Commons JXPath<br>Copyright 2001-2008 The Apache Software Foundation                                                             | Apache License 2.0 (c.f. apache-jakarta-commons-jxpath 1.3)       |                 |
| 9   | apache-log4j                    | 1.2.16    | Copyright 2007 The Apache Software Foundation                                                                                           | Apache License 2.0 (c.f. apache-log4j 1.2.16)                     |                 |
| 10  | apache-log4j                    | 2.10.0    | Copyright (c) 1999-2017 The Apache Software Foundation                                                                                  | Apache License 2.0                                                |                 |
| 11  | apache-tomcat                   | 8.5.64    | (see Appx. B: apache-tomcat 8.5.64)                                                                                                     | Apache License 2.0 (c.f. apache-tomcat 8.5.64)                    |                 |
| 12  | apache-velocity                 | 1.5       | Copyright (C) 2000-2007 The Apache Software Foundation                                                                                  | Apache License 2.0                                                |                 |
| 13  | apache-xalan-j                  | 2.7.2     | (see Appx. B: apache-xalan-j 2.7.2)                                                                                                     | Apache License 2.0 (c.f. apache-xalan-j 2.7.2)                    |                 |
| 14  | azul-zulujdk-ta00144            | 11.50     | (see Appx. B: azul-zulujdk-ta00144 11.50)                                                                                               | GNU General Public License v2.0 with Classpath Exception          |                 |
| 15  | babel-polyfill                  | 6.23.0    | Copyright (c) 2014-2017 Sebastian McKenzie <sebmck@gmail.com>                                                                           | MIT License (also X11)                                            |                 |
| 16  | bcpg-jdk15on                    | 1.69b04   | Copyright (c) 2000-2021 The Legion of the Bouncy Castle Inc ( <a href="https://www.bouncycastle.org">https://www.bouncycastle.org</a> ) | Legion Of The Bouncy Castle License (c.f. bcpg-jdk15on 1.69b04)   |                 |
| 17  | bcprov-jdk15on                  | 1.69b04   | (see Appx. B: bcprov-jdk15on 1.69b04)                                                                                                   | Legion Of The Bouncy Castle License (c.f. bcprov-jdk15on 1.69b04) |                 |
| 18  | bevacqua-dragula                | 3.7.2     | Copyright (c) 2015-2016 Nicolas Bevacqua                                                                                                | MIT License (also X11)                                            |                 |
| 19  | castor-core                     | 1.3.3     | Copyright 1999-2004 (C) Intalio Inc., and others. All Rights Reserved.                                                                  | Apache License 2.0                                                |                 |
| 20  | castor-xml-schema               | 1.3.3     | Copyright 1999-2004 (C) Intalio Inc., and others. All Rights Reserved.                                                                  | Intalio License                                                   |                 |
| 21  | castor-xml                      | 1.3.3     | Copyright 1999-2003 (C) Intalio Inc. All Rights Reserved.                                                                               | Apache License 2.0                                                |                 |
| 22  | classmate                       | 1.5.1     | Copyright (c) Tatu Saloranta (tatu.saloranta@iki.fi)                                                                                    | Apache License 2.0 (c.f. classmate 1.5.1)                         |                 |
| 23  | clipboard.js                    | 1.6.1     | Copyright (c) Zeno Rocha                                                                                                                | MIT License (also X11)                                            |                 |
| 24  | commons-beanutils               | 1.9.4     | Copyright (c) 2000-2019 The Apache Software Foundation.                                                                                 | Apache License 2.0                                                |                 |
| 25  | commons-codec                   | 1.13      | (see Appx. B: commons-codec 1.13)                                                                                                       | Apache License 2.0 (c.f. commons-codec 1.13)                      |                 |
| 26  | commons-collections4            | 4.2       | Copyright (c) 2001-2018 The Apache Software Foundation.                                                                                 | Apache License 2.0 (c.f. commons-collections4 4.2)                |                 |
| 27  | commons-collections             | 3.2.2     | Copyright (c) 2001-2015 The Apache Software Foundation.                                                                                 | Apache License 2.0 (c.f. commons-collections 3.2.2)               |                 |
| 28  | commons-configuration2          | 2.7       | Copyright (c) 2001-2020 <a href="https://www.apache.org/">https://www.apache.org/</a> The Apache Software Foundation                    | Apache License 2.0 (c.f. commons-configuration2 2.7)              |                 |
| 29  | commons-configuration           | 1.10      | Copyright (c) 2001-2013 The Apache Software Foundation.                                                                                 | Apache License 2.0 (c.f. commons-configuration 1.10)              |                 |
| 30  | commons-fileupload              | 1.4       | (see Appx. B: commons-fileupload 1.4)                                                                                                   | Apache License 2.0                                                |                 |

## Third Party License(s) of Terracotta (TDB) Version 10.11

| No. | Name                                    | Version       | Copyright (oversized see Appx. B)                                                                                                                            | Licenses (Appx. A) and embedded Notices (Appx. C)                                  | Package Comment |
|-----|-----------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|
| 31  | commons-io                              | 2.10.0        | Copyright (c) 2002-2021 The Apache Software Foundation                                                                                                       | Apache License 2.0                                                                 |                 |
| 32  | commons-io                              | 2.4           | Copyright (c) 2002 - 2012 The Apache Software Foundation                                                                                                     | Apache License 2.0                                                                 |                 |
| 33  | commons-lang3                           | 3.9           | Copyright (c) 2001-2018 The Apache Software Foundation.                                                                                                      | Apache License 2.0<br>(c.f. commons-lang3 3.9)                                     |                 |
| 34  | commons-lang                            | 2.6           | Copyright 2001-2011 The Apache Software Foundation                                                                                                           | Apache License 2.0<br>(c.f. commons-lang 2.6)                                      |                 |
| 35  | commons-logging                         | 1.1.1         | Copyright (c) 2001 - 2007 The Apache Software Foundation                                                                                                     | Apache License 2.0                                                                 |                 |
| 36  | commons-logging                         | 1.2           | Copyright 2003-2016 The Apache Software Foundation                                                                                                           | Apache License 2.0                                                                 |                 |
| 37  | commons-text                            | 1.8           | Copyright (c) 2013 - 2019 The Apache Software Foundation. All rights reserved.                                                                               | Apache License 2.0                                                                 |                 |
| 38  | commons-validator                       | 1.6           | Copyright (c) 2001-2017 The Apache Software Foundation.                                                                                                      | Apache License 2.0<br>(c.f. commons-validator 1.6)                                 |                 |
| 39  | darwin-felix-spnego                     | r7            | © 2009 Darwin V. Felix. All rights reserved.                                                                                                                 | GNU Lesser General Public License v3.0                                             |                 |
| 40  | eclipse-equinox                         | 4.7.1         | Copyright (c) 2015 The Eclipse Foundation                                                                                                                    | Eclipse Public License 1.0<br>(c.f. eclipse-equinox 4.7.1)                         |                 |
| 41  | eclipse-gemini.web.gemini-web-container | 2.2.4         | Copyright (c) 2009, 2010 VMware Inc.                                                                                                                         | Apache License 2.0                                                                 |                 |
| 42  | eclipse-gemini.web.gemini-web-container | 3.0.0.RC2     | Copyright (c) 2009, 2010 VMware Inc. All rights reserved.                                                                                                    | Eclipse Public License 1.0                                                         |                 |
| 43  | eclipse-gemini.web.gemini-web-container | 3.0.2.RELEASE | Copyright (c) 2009, 2017 VMware Inc.                                                                                                                         | Eclipse Public License 1.0                                                         |                 |
| 44  | eclipse-gemini.web.gemini-web-container | 3.0.4.RELEASE | Copyright (c) 2009, 2010, 2014-2017 VMware Inc.                                                                                                              | Apache License 2.0<br>(c.f. eclipse-gemini.web.gemini-web-container 3.0.4.RELEASE) |                 |
| 45  | eclipse-paho.mqtt.c                     | 1.2.1         | Copyright (c) 2009 - 2018 IBM Corp.<br>Copyright (c) 2015 - 2018 logi.cals GmbH and others<br>Copyright (c) 2007 Eclipse Foundation, Inc. and its licensors. | Eclipse Public License 1.0                                                         |                 |
| 46  | eclipse-vmgo.util                       | 3.6           | copyright (c) 2008, 2010 VMware Inc. All rights reserved.                                                                                                    | Eclipse Public License 1.0                                                         |                 |
| 47  | eclipse                                 | 4.11          | Copyright (c) 2009, 2010, 2013, 2019 Eclipse contributors and others.<br>Copyright (c) 2019-2013 EclipseSource Inc. and others.                              | Eclipse Public License 2.0<br>(c.f. eclipse 4.11)                                  |                 |
| 48  | eclipse                                 | 4.15          | (see Appx. B: eclipse 4.15)                                                                                                                                  | Eclipse Public License 1.0<br>(c.f. eclipse 4.15)                                  |                 |
| 49  | eclipse                                 | 4.16          | (see Appx. B: eclipse 4.16)                                                                                                                                  | Eclipse Public License 2.0<br>(c.f. eclipse 4.16)                                  |                 |
| 50  | eclipse                                 | 4.19          | (see Appx. B: eclipse 4.19)                                                                                                                                  | Eclipse Public License 2.0<br>(c.f. eclipse 4.19)                                  |                 |
| 51  | eclipse                                 | 4.4.2         | (see Appx. B: eclipse 4.4.2)                                                                                                                                 | Eclipse Public License 1.0                                                         |                 |
| 52  | eclipse                                 | 4.5.0         | Copyright (c) 2010, 2013 IBM Corporation and others.                                                                                                         | Eclipse Public License 1.0                                                         |                 |
| 53  | eclipse                                 | 4.6.1         | Copyright (c) Eclipse Contributors 2009, 2016                                                                                                                | Eclipse Public License 1.0                                                         |                 |
| 54  | eclipse                                 | 4.6.3         | Copyright (c) Eclipse Contributors 2009, 2016                                                                                                                | Eclipse Public License 1.0                                                         |                 |
| 55  | entrust-security-toolkit-01846          | 8.0.33        | Entrust                                                                                                                                                      | TAC#1846                                                                           |                 |
| 56  | ESAPI                                   | 2.1.0.1       | Copyright (c) 2007 - The OWASP Foundation                                                                                                                    | BSD 3-clause "New" or "Revised" License                                            |                 |
| 57  | failureaccess                           | 1.0.1         | Copyright (c) 2018 The Guava Authors                                                                                                                         | Apache License 2.0                                                                 |                 |
| 58  | fastinfoset                             | 1.2.16        | (see Appx. B: fastinfoset 1.2.16)                                                                                                                            | Apache License 2.0<br>(c.f. fastinfoset 1.2.16)                                    |                 |
| 59  | gemini-blueprint-core                   | 3.0.0.M01     | Copyright (c) 2006, 2010 VMware Inc., Oracle Inc.                                                                                                            | Apache License 2.0<br>(c.f. gemini-blueprint-core 3.0.0.M01)                       |                 |
| 60  | gemini-blueprint-ender                  | 3.0.0.M01     | Copyright (c) 2006, 2010, 2012 VMware Inc., Oracle Inc.                                                                                                      | Apache License 2.0                                                                 |                 |
| 61  | gemini-blueprint-io                     | 3.0.0.M01     | Copyright (c) 2006, 2010 VMware Inc.                                                                                                                         | Apache License 2.0                                                                 |                 |
| 62  | gf.javax.el.jar                         | 3.0.0         | (see Appx. B: gf.javax.el.jar 3.0.0)                                                                                                                         | GlassFish - Common Development and Distribution License 1.1                        |                 |
| 63  | gf.javax.jms.jar                        | 1.1           | (see Appx. B: gf.javax.jms.jar 1.1)                                                                                                                          | GlassFish - Common Development and Distribution License 1.1                        |                 |
| 64  | gf.javax.servlet.jsp.jstl.jar           | 1.2.5-b03     | (see Appx. B: gf.javax.servlet.jsp.jstl.jar 1.2.5-b03)                                                                                                       | GlassFish - Common Development and Distribution License 1.1                        |                 |

## Third Party License(s) of Terracotta (TDB) Version 10.11

| No. | Name                      | Version     | Copyright (oversized see Appx. B)                                                                                                                                                                             | Licenses (Appx. A) and embedded Notices (Appx. C)                                      | Package Comment |
|-----|---------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------|
| 65  | gf.jersey-client.jar      | 1.16        | (see Appx. B: gf.jersey-client.jar 1.16)                                                                                                                                                                      | GlassFish - Common Development and Distribution License 1.1                            |                 |
| 66  | gf.jersey-core.jar        | 1.16        | (see Appx. B: gf.jersey-core.jar 1.16)                                                                                                                                                                        | GlassFish - Common Development and Distribution License 1.1                            |                 |
| 67  | gf.jersey-gf-server.jar   | 1.16        | (see Appx. B: gf.jersey-gf-server.jar 1.16)                                                                                                                                                                   | GlassFish - Common Development and Distribution License 1.1                            |                 |
| 68  | gf.jersey-gf-servlet.jar  | 1.16        | (see Appx. B: gf.jersey-gf-servlet.jar 1.16)                                                                                                                                                                  | GlassFish - Common Development and Distribution License 1.1                            |                 |
| 69  | glassfish                 | 5.0         | Copyright (c) 2010, 2017, Oracle and/or its affiliates. All rights reserved.                                                                                                                                  | Common Development and Distribution License 1.1                                        |                 |
| 70  | glassfish                 | 5.1         | Copyright (c) 1997, 2000, 2004, 2008, 2010, 2013, 2017, 2018 Oracle and/or its affiliates. All rights reserved.                                                                                               | Eclipse Public License 2.0 (c.f. glassfish 5.1)                                        |                 |
| 71  | glassfish                 | 6           | (see Appx. B: glassfish 6)                                                                                                                                                                                    | Eclipse Public License 2.0 (c.f. glassfish 6)                                          |                 |
| 72  | gson                      | 2.8.5       | Copyright (c) 2008 - 2012, 2014 Google Inc.<br>Copyright (c) 2017 - 2018 The Gson authors<br>Copyright (c) 2010 The Android Open Source Project                                                               | Apache License 2.0 (c.f. gson 2.8.5)                                                   |                 |
| 73  | guava                     | 30.1.1-jre  | Copyright (c) 2005-2020 The Guava Authors.                                                                                                                                                                    | Apache License 2.0 (c.f. guava 30.1.1-jre)                                             |                 |
| 74  | hdrhistogram-hdrhistogram | 2.1.12      | Copyright (c) 2012, 2013, 2014 Gil Tene<br>Copyright (c) 2014 Michael Barker<br>Copyright (c) 2014 Matt Warren<br>All rights reserved.                                                                        | BSD 2-clause "Simplified" or "FreeBSD" License (c.f. hdrhistogram-hdrhistogram 2.1.12) |                 |
| 75  | hibernate-validator       | 6.2.0.Final | Copyright (c) 2011-2012 SERLI<br>Copyright (c) 2009 IIZUKA Software Technologies Ltd                                                                                                                          | Apache License 2.0 (c.f. hibernate-validator 6.2.0.Final)                              |                 |
| 76  | hk2-api                   | 2.6.1       | (see Appx. B: hk2-api 2.6.1)                                                                                                                                                                                  | GNU General Public License v2.0 with Classpath Exception (c.f. hk2-api 2.6.1)          |                 |
| 77  | hk2-locator               | 2.6.1       | Copyright (c) 2012 - 2019 Oracle and/or its affiliates<br>Copyright (c) 2019 Payara Service Ltd.                                                                                                              | GNU General Public License v2.0 with Classpath Exception                               |                 |
| 78  | hk2-utils                 | 2.6.1       | Copyright (c) 2007 - 2018 Oracle and/or its affiliates                                                                                                                                                        | GNU General Public License v2.0 with Classpath Exception                               |                 |
| 79  | httpClient                | 4.5.13      | Copyright (c) 1999-2020 The Apache Software Foundation                                                                                                                                                        | Apache License 2.0 (c.f. httpClient 4.5.13)                                            |                 |
| 80  | httpcore                  | 4.4.14      | Copyright (c) 2005-2020 The Apache Software Foundation.                                                                                                                                                       | Apache License 2.0 (c.f. httpcore 4.4.14)                                              |                 |
| 81  | istack-commons-runtime    | 3.0.8       | Copyright (c) 1997-2018 Oracle and/or its affiliates                                                                                                                                                          | Eclipse Distribution License 1.0 (c.f. istack-commons-runtime 3.0.8)                   |                 |
| 82  | jackson-annotations       | 2.11.4      | Copyright (c) 2021 Tatu Saloranta                                                                                                                                                                             | Apache License 2.0                                                                     |                 |
| 83  | jackson-annotations       | 2.12.1      | Copyright (c) 2008-2020<br><a href="http://fasterxml.com">http://fasterxml.com</a> FasterXML                                                                                                                  | Apache License 2.0 (c.f. jackson-annotations 2.12.1)                                   |                 |
| 84  | jackson-annotations       | 2.12.4      | Copyright (c) 2008-2020<br><a href="http://fasterxml.com">http://fasterxml.com</a> FasterXML                                                                                                                  | Apache License 2.0 (c.f. jackson-annotations 2.12.4)                                   |                 |
| 85  | jackson-core              | 2.11.4      | Copyright (c) 2007 Tatu Saloranta<br>tatu.saloranta@iki.fi<br>Copyright (c) Override public ObjectCodec                                                                                                       | Apache License 2.0 (c.f. jackson-core 2.11.4)                                          |                 |
| 86  | jackson-core              | 2.12.1      | Copyright (c) 2007 Tatu Saloranta<br>tatu.saloranta@iki.fi<br>Copyright (c) 2008-2020 x2013<br><a href="http://fasterxml.com">http://fasterxml.com</a> FasterXML<br>Copyright (c) Override public ObjectCodec | Apache License 2.0 (c.f. jackson-core 2.12.1)                                          |                 |
| 87  | jackson-core              | 2.12.4      | Copyright (c) 2007 Tatu Saloranta<br>tatu.saloranta@iki.fi<br>Copyright (c) Override public ObjectCodec                                                                                                       | Apache License 2.0 (c.f. jackson-core 2.12.4)                                          |                 |
| 88  | jackson-databind          | 2.11.4      | Copyright (c) 2021 Tatu Saloranta                                                                                                                                                                             | Apache License 2.0                                                                     |                 |
| 89  | jackson-databind          | 2.12.1      | Copyright (c) 2008-2020<br><a href="http://fasterxml.com">http://fasterxml.com</a> FasterXML                                                                                                                  | Apache License 2.0 (c.f. jackson-databind 2.12.1)                                      |                 |
| 90  | jackson-databind          | 2.12.4      | Copyright (c) Tatu Saloranta (tatu.saloranta@iki.fi)                                                                                                                                                          | Apache License 2.0 (c.f. jackson-databind 2.12.4)                                      |                 |
| 91  | jackson-dataformat-cbor   | 2.11.4      | Copyright (c) Tatu Saloranta (tatu.saloranta@iki.fi)                                                                                                                                                          | Apache License 2.0 (c.f. jackson-dataformat-cbor 2.11.4)                               |                 |
| 92  | jackson-dataformat-yaml   | 2.11.4      | Copyright (c) 2021 Tatu Saloranta                                                                                                                                                                             | Apache License 2.0                                                                     |                 |
| 93  | jackson-datatype-jdk8     | 2.12.4      | Copyright (c) 2020 FasterXML. All rights reserved.                                                                                                                                                            | Apache License 2.0 (c.f. jackson-datatype-jdk8 2.12.4)                                 |                 |
| 94  | jackson-datatype-jsr310   | 2.12.4      | Copyright (c) 2013 FasterXML.com                                                                                                                                                                              | Apache License 2.0 (c.f. jackson-datatype-jsr310 2.12.4)                               |                 |

## Third Party License(s) of Terracotta (TDB) Version 10.11

| No. | Name                            | Version   | Copyright (oversized see Appx. B)                                                                                                                             | Licenses (Appx. A) and embedded Notices (Appx. C)                                       | Package Comment |
|-----|---------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------|
| 95  | jackson-jaxrs-base              | 2.11.4    | Copyright (c) 2020 FasterXML<br>Copyright (c) Tatu Saloranta (tatu.saloranta@iki.fi)                                                                          | Apache License 2.0<br>(c.f. jackson-jaxrs-base 2.11.4)                                  |                 |
| 96  | jackson-jaxrs-json-provider     | 2.11.4    | Copyright (c) Tatu Saloranta (tatu.saloranta@iki.fi)                                                                                                          | Apache License 2.0<br>(c.f. jackson-jaxrs-json-provider 2.11.4)                         |                 |
| 97  | jackson-module-jaxb-annotations | 2.11.4    | Copyright (c) 2007 Tatu Saloranta (tatu.saloranta@iki.fi)<br>Copyright (c) community of developers                                                            | Apache License 2.0<br>(c.f. jackson-module-jaxb-annotations 2.11.4)                     |                 |
| 98  | jackson-module-parameter-names  | 2.12.4    | Copyright (c) 2007 Tatu Saloranta (tatu.saloranta@iki.fi)<br>Copyright (c) The original authors                                                               | Apache License 2.0<br>(c.f. jackson-module-parameter-names 2.12.4)                      |                 |
| 99  | jakarta.activation-api          | 1.2.1     | Copyright (c) 1997-2018 Oracle and/or its affiliates                                                                                                          | Eclipse Distribution License 1.0                                                        |                 |
| 100 | jakarta.annotation-api          | 1.3.4     | Copyright (c) 1989-1991 Free Software Foundation, Inc.<br>Copyright (c) 1999-2018 Oracle and/or its affiliates                                                | Eclipse Public License 2.0                                                              |                 |
| 101 | jakarta.annotation-api          | 1.3.5     | Copyright (c) 2005-2019 Oracle and/or its affiliates<br>Copyright (c) 2018-2019 Eclipse Foundation<br>Copyright (c) 1989-1991 Free Software Foundation, Inc.  | Eclipse Public License 2.0<br>(c.f. jakarta.annotation-api 1.3.5)                       |                 |
| 102 | jakarta.inject                  | 2.6.1     | Copyright (c) 2009 The JSR-330 Expert Group<br>Copyright (c) 2010-2018 Oracle and/or its affiliates<br>Copyright (c) 1989-1991 Free Software Foundation, Inc. | GNU General Public License v2.0 with Classpath Exception<br>(c.f. jakarta.inject 2.6.1) |                 |
| 103 | jakarta.servlet-api             | 4.0.4     | (see Appx. B: jakarta.servlet-api 4.0.4)                                                                                                                      | GNU General Public License v2.0 with Classpath Exception                                |                 |
| 104 | jakarta.validation-api          | 2.0.2     | Copyright (c) 2018-2019 Eclipse Foundation<br>Copyright (c) HOLDERS AND THE ECLIPSE FOUNDATION<br>Copyright (c) Eclipse Foundation, Inc.                      | Apache License 2.0<br>(c.f. jakarta.validation-api 2.0.2)                               |                 |
| 105 | jakarta.ws.rs-api               | 2.1.6     | (see Appx. B: jakarta.ws.rs-api 2.1.6)                                                                                                                        | Eclipse Public License 2.0<br>(c.f. jakarta.ws.rs-api 2.1.6)                            |                 |
| 106 | jakarta.xml.bind-api            | 2.3.2     | Copyright (c) 2003-2018 Oracle and/or its affiliates                                                                                                          | Eclipse Distribution License 1.0                                                        |                 |
| 107 | jakarta.xml.soap-api            | 1.4.1     | Copyright (c) 2004 - 2005, 2013, 2016 - 2018 Oracle and/or its affiliates. All rights reserved.                                                               | Eclipse Distribution License 1.0                                                        |                 |
| 108 | jakearchibald-es6-promise       | 4.1.0     | Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors                                                                                      | MIT License (also X11)                                                                  |                 |
| 109 | jashkenas-backbone              | 1.3.3     | Copyright (c) 2010-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors                                                                  | MIT License (also X11)                                                                  |                 |
| 110 | jashkenas-underscore            | 1.8.3     | Copyright (c) 2009-2015 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors                                                                  | MIT License (also X11)                                                                  |                 |
| 111 | javassist                       | 3.25.0-GA | Copyright (C) 1999 Shigeru Chiba                                                                                                                              | Apache License 2.0                                                                      |                 |
| 112 | javax.activation                | 1.2.0     | Copyright (c) 1997 - 2017 Oracle and/or its affiliates. All rights reserved.<br>Copyright (c) 1989, 1991 Free Software Foundation, Inc.                       | Common Development and Distribution License 1.1                                         |                 |
| 113 | javax.annotation-api            | 1.3.2     | Copyright (c) 2005 - 2018 Oracle and/or its affiliates. All rights reserved.                                                                                  | Common Development and Distribution License 1.1<br>(c.f. javax.annotation-api 1.3.2)    |                 |
| 114 | javax.websocket-api             | 1.1       | Copyright (c) 2012 - 2014 Oracle and/or its affiliates. All rights reserved.                                                                                  | Common Development and Distribution License 1.1                                         |                 |
| 115 | jaxb-api                        | 2.3.0     | Copyright (c) 2003-2017 Oracle and/or its affiliates. All rights reserved.                                                                                    | Common Development and Distribution License 1.1<br>(c.f. jaxb-api 2.3.0)                |                 |
| 116 | jaxb-core                       | 2.3.0     | Copyright (c) 1997-2012 Oracle and/or its affiliates. All rights reserved.                                                                                    | Common Development and Distribution License 1.1                                         |                 |
| 117 | jaxb-runtime                    | 2.3.1     | Copyright (c) 1997 - 2018 Oracle and/or its affiliates. All rights reserved.                                                                                  | Common Development and Distribution License 1.1                                         |                 |
| 118 | jaxb-runtime                    | 2.3.2     | Copyright (c) 1997-2018 Oracle and/or its affiliates                                                                                                          | Common Development and Distribution License 1.1                                         |                 |
| 119 | jaxb-xjc                        | 2.3.1     | (see Appx. B: jaxb-xjc 2.3.1)                                                                                                                                 | Common Development and Distribution License 1.1<br>(c.f. jaxb-xjc 2.3.1)                |                 |
| 120 | jaxen                           | 1.1.1     | Copyright 2003-2006 The Werken Company. All Rights Reserved.                                                                                                  | BSD 3-clause "New" or "Revised" License                                                 |                 |
| 121 | jbool_expressions               | 1.15      | Copyright (c) 2013 Ben Podgursky                                                                                                                              | Apache License 2.0                                                                      |                 |

## Third Party License(s) of Terracotta (TDB) Version 10.11

| No. | Name                           | Version               | Copyright (oversized see Appx. B)                                                                                                                     | Licenses (Appx. A) and embedded Notices (Appx. C)                                                     | Package Comment |
|-----|--------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------|
| 122 | jboss-annotations-api_1.3_spec | 2.0.1.Final           | Copyright (c) 2005-2018 Oracle and/or its affiliates<br>Copyright (c) 2019 Eclipse Foundation<br>Copyright (c) 1989-1991 Free Software Foundation Inc | Eclipse Public License 2.0<br>(c.f. jboss-annotations-api_1.3_spec 2.0.1.Final)                       |                 |
| 123 | jboss-logging                  | 3.4.2.Final           | Copyright (c) 2010-2019 Red Hat Inc<br>Copyright (c) 2010-2011 Red Hat Inc and individual contributors                                                | Apache License 2.0                                                                                    |                 |
| 124 | jboss-threads                  | 3.1.0.Final           | Copyright (c) 2017-2020 Red Hat Inc and individual contributors                                                                                       | Apache License 2.0<br>(c.f. jboss-threads 3.1.0.Final)                                                |                 |
| 125 | jboss-threads                  | 3.1.1.Final           | Copyright (c) 2017-2020 Red Hat, Inc., and individual contributors                                                                                    | Apache License 2.0<br>(c.f. jboss-threads 3.1.1.Final)                                                |                 |
| 126 | jboss-websocket-api_1.1_spec   | 2.0.0.Final           | Copyright (c) 2018 Oracle and/or its affiliates and others<br>Copyright (c) 1989-1991 Free Software Foundation Inc                                    | Eclipse Public License 2.0<br>(c.f. jboss-websocket-api_1.1_spec 2.0.0.Final)                         |                 |
| 127 | jcommander                     | 1.78                  | Copyright (c) 2010-2011 the original author or authors                                                                                                | Apache License 2.0<br>(c.f. jcommander 1.78)                                                          |                 |
| 128 | jdom                           | 1.0.0.v201005080400   | Copyright (C) 2000-2004 Jason Hunter & Brett McLaughlin.<br>All rights reserved.                                                                      | JDOM License                                                                                          |                 |
| 129 | jersey-client                  | 2.34                  | (see Appx. B: jersey-client 2.34)                                                                                                                     | GNU General Public License v2.0 with Classpath Exception<br>(c.f. jersey-client 2.34)                 |                 |
| 130 | jersey-common                  | 2.34                  | (see Appx. B: jersey-common 2.34)                                                                                                                     | Eclipse Public License 2.0<br>(c.f. jersey-common 2.34)                                               |                 |
| 131 | jersey-container-servlet-core  | 2.34                  | (see Appx. B: jersey-container-servlet-core 2.34)                                                                                                     | GNU General Public License v2.0 with Classpath Exception<br>(c.f. jersey-container-servlet-core 2.34) |                 |
| 132 | jersey-container-servlet       | 2.34                  | (see Appx. B: jersey-container-servlet 2.34)                                                                                                          | GNU General Public License v2.0 with Classpath Exception<br>(c.f. jersey-container-servlet 2.34)      |                 |
| 133 | jersey-entity-filtering        | 2.34                  | (see Appx. B: jersey-entity-filtering 2.34)                                                                                                           | GNU General Public License v2.0 with Classpath Exception<br>(c.f. jersey-entity-filtering 2.34)       |                 |
| 134 | jersey-hk2                     | 2.34                  | (see Appx. B: jersey-hk2 2.34)                                                                                                                        | GNU General Public License v2.0 with Classpath Exception<br>(c.f. jersey-hk2 2.34)                    |                 |
| 135 | jersey-media-jaxb              | 2.34                  | (see Appx. B: jersey-media-jaxb 2.34)                                                                                                                 | GNU General Public License v2.0 with Classpath Exception<br>(c.f. jersey-media-jaxb 2.34)             |                 |
| 136 | jersey-media-json-jackson      | 2.34                  | (see Appx. B: jersey-media-json-jackson 2.34)                                                                                                         | GNU General Public License v2.0 with Classpath Exception<br>(c.f. jersey-media-json-jackson 2.34)     |                 |
| 137 | jersey-server                  | 2.34                  | (see Appx. B: jersey-server 2.34)                                                                                                                     | Eclipse Public License 2.0<br>(c.f. jersey-server 2.34)                                               |                 |
| 138 | jettison                       | 1.2                   | Copyright 2006 Envoi Solutions LLC                                                                                                                    | Apache License 2.0                                                                                    |                 |
| 139 | jetty                          | 9.2.9.v20150224       | (see Appx. B: jetty 9.2.9.v20150224)                                                                                                                  | Apache License 2.0                                                                                    |                 |
| 140 | jline-jline2                   | 2.12.0                | Copyright (c) 2002-2012, the original author or authors.<br>All rights reserved.                                                                      | BSD 3-clause "New" or "Revised" License                                                               |                 |
| 141 | joda-time                      | 2.9.3                 | Copyright 2001-2005 Stephen Colebourne                                                                                                                | Apache License 2.0                                                                                    |                 |
| 142 | jquery                         | 3.5.1                 | Copyright (c) JS Foundation and other contributors, <a href="https://js.foundation">https://js.foundation</a>                                         | MIT License (also X11)<br>(c.f. jquery 3.5.1)                                                         |                 |
| 143 | js-cookie                      | 2.2.0                 | Copyright /c) 2006, 2015 Klaus Hartl & Fagner Brack                                                                                                   | MIT License (also X11)                                                                                |                 |
| 144 | jsch                           | 0.1.55                | Copyright (c) 2002 - 2018 ymnk, JCraft, Inc. All rights reserved.<br>Copyright (c) 2002 - 2015 Atsuhiko Yamanaka, JCraft, Inc.                        | BSD 3-clause "New" or "Revised" License                                                               |                 |
| 145 | jsch                           | 5.11.0.202103091610-r | (see Appx. B: jsch 5.11.0.202103091610-r)                                                                                                             | BSD 3-clause "New" or "Revised" License                                                               |                 |
| 146 | json2                          | 0.1.0                 | Public Domain<br>No warranty expressed or implied. Use at your own risk.                                                                              | Public Domain                                                                                         |                 |
| 147 | jsp-api                        | 2.3.0                 | Copyright (c) 1997 - 2013 Oracle and/or its affiliates. All Rights Reserved.<br>Copyright (c) 1999 - 2015 The Apache Software Foundation              | Common Development and Distribution License 1.1                                                       |                 |
| 148 | jsteunou-webstomp-client       | 1.0.6                 | Copyright (c) 2016 Jrme Steunou<br>Copyright (c) 2010-2015 Jean-Frederic Mesnil                                                                       | Apache License 2.0                                                                                    |                 |
| 149 | jul-to-slf4j                   | 1.7.25                | Copyright (c) 2004-2011 QOS.ch                                                                                                                        | MIT License (also X11)                                                                                |                 |

## Third Party License(s) of Terracotta (TDB) Version 10.11

| No. | Name                                      | Version               | Copyright (oversized see Appx. B)                                                                                                        | Licenses (Appx. A) and embedded Notices (Appx. C)                  | Package Comment |
|-----|-------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|
| 150 | latencyutils                              | 2.0.3                 | Copyright (c) 2012, 2013, 2014 Gil Tene. All rights reserved.                                                                            | BSD 2-clause "Simplified" or "FreeBSD" License                     |                 |
| 151 | log4j-1.2-api                             | 2.13.3                | Copyright (c) 1999-2020 Apache Software Foundation<br>Copyright (c) 2005-2006 Tim Fennell<br>Copyright (c) Terracotta, Inc.              | Apache License 2.0                                                 |                 |
| 152 | log4j-api                                 | 2.13.3                | Copyright (c) 2019-2020 The Apache Software Foundation                                                                                   | Apache License 2.0                                                 |                 |
| 153 | log4j-core                                | 2.13.3                | Copyright (c) 1999-2020 Apache Software Foundation<br>Copyright (c) 2005-2006 Tim Fennell<br>Copyright (c) Terracotta, Inc.              | Apache License 2.0                                                 |                 |
| 154 | log4j-jcl                                 | 2.13.3                | Copyright (c) 1999-2020 Apache Software Foundation<br>Copyright (c) 2005-2006 Tim Fennell<br>Copyright (c) Terracotta, Inc.              | Apache License 2.0                                                 |                 |
| 155 | log4j-jul                                 | 2.13.3                | Copyright (c) 1999-2020 Apache Software Foundation<br>Copyright (c) 2005-2006 Tim Fennell<br>Copyright (c) Terracotta, Inc.              | Apache License 2.0                                                 |                 |
| 156 | log4j-slf4j-impl                          | 2.13.3                | Copyright (c) 1999-2020 Apache Software Foundation<br>Copyright (c) 2005-2006 Tim Fennell<br>Copyright (c) Terracotta, Inc.              | Apache License 2.0                                                 |                 |
| 157 | logback-classic                           | 1.2.3                 | Copyright (C) 1999-2015, QOS.ch. All rights reserved.                                                                                    | Eclipse Public License 1.0                                         |                 |
| 158 | logback-core                              | 1.2.3                 | Copyright (C) 1999-2015, QOS.ch. All rights reserved                                                                                     | Eclipse Public License 1.0                                         |                 |
| 159 | lucene                                    | 6.1.0                 | Copyright 2014 The Apache Software Foundation                                                                                            | Apache License 2.0                                                 |                 |
| 160 | marionettejs-backbone.radio               | 2                     | Copyright (c) 2014 James Smith                                                                                                           | MIT License (also X11)                                             |                 |
| 161 | mdbootstrap                               | 4.5.13                | (see Appx. B: mdbootstrap 4.5.13)                                                                                                        | MIT License (also X11)                                             |                 |
| 162 | micrometer-core                           | 1.7.1                 | Copyright (c) 2017-2021 VMware Inc                                                                                                       | Apache License 2.0 (c.f. micrometer-core 1.7.1)                    |                 |
| 163 | micrometer-registry-prometheus            | 1.7.0                 | Copyright (c) 2017 VMware, Inc                                                                                                           | Apache License 2.0                                                 |                 |
| 164 | netscape-directory-sdk                    | 4.1                   | Copyright (c) 1999 - 2001 Netscape Communications Corporation.                                                                           | Mozilla Public License 2.0 (as successor of NPL and MPL 1.0 - 1.1) |                 |
| 165 | not-going-to-be-commons-ssl               | 0.3.20                | (see Appx. B: not-going-to-be-commons-ssl 0.3.20)                                                                                        | Apache License 2.0 (c.f. not-going-to-be-commons-ssl 0.3.20)       |                 |
| 166 | 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                                                 |                 |
| 167 | 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                                                 |                 |
| 168 | org.apache.felix.scr                      | 2.1.16                | Copyright (c) 2006 - 2019 The Apache Software Foundation. All Rights Reserved.                                                           | Apache License 2.0 (c.f. org.apache.felix.scr 2.1.16)              |                 |
| 169 | org.apache.servicemix.bundles.aopalliance | 1.0_6                 | Copyright (c) 2005 - 2012 The Apache Software Foundation                                                                                 | Apache License 2.0                                                 |                 |
| 170 | org.apache.xml.resolver                   | 1.2.0.v201005080400   | Copyright 2006 The Apache Software Foundation.                                                                                           | Eclipse Public License 1.0                                         |                 |
| 171 | org.eclipse.jgit.lfs                      | 5.11.0.202103091610-r | (see Appx. B: org.eclipse.jgit.lfs 5.11.0.202103091610-r)                                                                                | Eclipse Distribution License 1.0                                   |                 |
| 172 | org.osgi.enterprise                       | 6.0.0                 | Copyright (c) OSGi Alliance (2009, 2013). All Rights Reserved.                                                                           | Apache License 2.0                                                 |                 |
| 173 | org.osgi.service.jaxrs                    | 1.0.0                 | Copyright (c) 2000, 2010, 2012, 2017 - 2018 OSGi Alliance . All Rights Reserved.                                                         | Apache License 2.0                                                 |                 |
| 174 | org.osgi.util.converter                   | 1.0.1                 | Copyright (c) 2000, 2015 - 2018 OSGi Alliance                                                                                            | Apache License 2.0                                                 |                 |
| 175 | osgi-resource-locator                     | 1.0.3                 | Copyright (c) 1997-2018 Oracle and/or its affiliates<br>Copyright (c) 1989-1991 Free Software Foundation, Inc.                           | Eclipse Public License 2.0 (c.f. osgi-resource-locator 1.0.3)      |                 |
| 176 | owasp-java-encoder                        | 1.1                   | Copyright (c) 2012 Jeff Ichnowski                                                                                                        | BSD 3-clause "New" or "Revised" License                            |                 |
| 177 | prometheus-simpleclient_common            | 0.10.0                | Copyright (c) 2012-2015 The Prometheus Authors                                                                                           | Apache License 2.0                                                 |                 |

## Third Party License(s) of Terracotta (TDB) Version 10.11

| No. | Name                               | Version | Copyright (oversized see Appx. B)                                                                                                                                      | Licenses (Appx. A) and embedded Notices (Appx. C)                      | Package Comment |
|-----|------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------|
| 178 | protobuf-java                      | 3.12.2  | Copyright (c) 2008 Google Inc.                                                                                                                                         | BSD 3-clause "New" or "Revised" License<br>(c.f. protobuf-java 3.12.2) |                 |
| 179 | rhino                              | 1.6R7   | (see Appx. B: rhino 1.6R7)                                                                                                                                             | Mozilla Public License 2.0                                             |                 |
| 180 | rhino                              | 1.7R3   | (see Appx. B: rhino 1.7R3)                                                                                                                                             | Mozilla Public License 2.0<br>(c.f. rhino 1.7R3)                       |                 |
| 181 | serializer                         | 2.7.2   | Copyright The Apache Software Foundation                                                                                                                               | Apache License 2.0                                                     |                 |
| 182 | shiro-core                         | 1.7.1   | Copyright (c) 2008 Les Hazlewood.<br>Copyright (c) 2008-2020 The Apache Software Foundation.                                                                           | Apache License 2.0<br>(c.f. shiro-core 1.7.1)                          |                 |
| 183 | simpleclient                       | 0.10.0  | Copyright (c) 2012 Andrew Wang<br>(andrew@umbrant.com)                                                                                                                 | Apache License 2.0<br>(c.f. simpleclient 0.10.0)                       |                 |
| 184 | slf4j-api                          | 1.7.25  | Copyright (c) 2004-2011 QOS.ch. All rights reserved.                                                                                                                   | MIT License (also X11)                                                 |                 |
| 185 | slf4j-api                          | 1.7.30  | Copyright (c) 2004-2019<br><a href="http://www.qos.ch">http://www.qos.ch</a> QOS.ch                                                                                    | MIT License (also X11)<br>(c.f. slf4j-api 1.7.30)                      |                 |
| 186 | slf4j-api                          | 1.7.31  | Copyright (c) 2004-2011 QOS.ch                                                                                                                                         | MIT License (also X11)<br>(c.f. slf4j-api 1.7.31)                      |                 |
| 187 | slf4j-api                          | 1.7.7   | Copyright (c) 2004-2013 QOS.ch All rights reserved.                                                                                                                    | MIT License (also X11)                                                 |                 |
| 188 | slf4j-ext                          | 1.7.30  | Copyright (c) 2004-2019 QOS.ch All rights reserved.                                                                                                                    | MIT License (also X11)                                                 |                 |
| 189 | slf4j-jdk14                        | 1.7.30  | Copyright (c) 2004 - 2011, 2013, 2019 QOS.ch. All rights reserved.<br>Copyright (c) styles                                                                             | MIT License (also X11)                                                 |                 |
| 190 | snakeyaml                          | 1.26    | (see Appx. B: snakeyaml 1.26)                                                                                                                                          | Apache License 2.0                                                     |                 |
| 191 | snakeyaml                          | 1.28    | (see Appx. B: snakeyaml 1.28)                                                                                                                                          | Apache License 2.0                                                     |                 |
| 192 | sockjs-sockjs-client               | 1.1.4   | Copyright (c) 2011-2012 VMware, Inc.                                                                                                                                   | MIT License (also X11)                                                 |                 |
| 193 | spring-aop                         | 5.3.8   | (see Appx. B: spring-aop 5.3.8)                                                                                                                                        | Apache License 2.0<br>(c.f. spring-aop 5.3.8)                          |                 |
| 194 | spring-beans                       | 5.3.8   | (see Appx. B: spring-beans 5.3.8)                                                                                                                                      | Apache License 2.0<br>(c.f. spring-beans 5.3.8)                        |                 |
| 195 | spring-boot-actuator-autoconfigure | 2.5.2   | Copyright (c) 2012-2021 the original author or authors<br>Copyright (c) 2012-2021 Pivotal Inc                                                                          | Apache License 2.0<br>(c.f. spring-boot-actuator-autoconfigure 2.5.2)  |                 |
| 196 | spring-boot-actuator               | 2.5.2   | Copyright (c) 2012-2021 the original author or authors<br>Copyright (c) 2012-2021 Pivotal Inc                                                                          | Apache License 2.0<br>(c.f. spring-boot-actuator 2.5.2)                |                 |
| 197 | spring-boot-autoconfigure          | 2.5.2   | Copyright (c) 2012-2021 the original author or authors<br>Copyright (c) 2012-2021 Pivotal Inc                                                                          | Apache License 2.0<br>(c.f. spring-boot-autoconfigure 2.5.2)           |                 |
| 198 | spring-boot-loader-tools           | 2.5.2   | Copyright (c) 2012-2021 the original author or authors<br>Copyright (c) 2012-2021 Pivotal Inc                                                                          | Apache License 2.0<br>(c.f. spring-boot-loader-tools 2.5.2)            |                 |
| 199 | spring-boot                        | 2.5.2   | Copyright (c) 2002-2021 the original author or authors<br>Copyright (c) 2012-2021 Pivotal Inc                                                                          | Apache License 2.0<br>(c.f. spring-boot 2.5.2)                         |                 |
| 200 | spring-context-support             | 5.3.8   | (see Appx. B: spring-context-support 5.3.8)                                                                                                                            | Apache License 2.0<br>(c.f. spring-context-support 5.3.8)              |                 |
| 201 | spring-context                     | 5.3.8   | (see Appx. B: spring-context 5.3.8)                                                                                                                                    | Apache License 2.0<br>(c.f. spring-context 5.3.8)                      |                 |
| 202 | spring-core                        | 5.3.8   | (see Appx. B: spring-core 5.3.8)                                                                                                                                       | Apache License 2.0<br>(c.f. spring-core 5.3.8)                         |                 |
| 203 | spring-expression                  | 5.3.8   | (see Appx. B: spring-expression 5.3.8)                                                                                                                                 | Apache License 2.0<br>(c.f. spring-expression 5.3.8)                   |                 |
| 204 | spring-jcl                         | 5.3.8   | (see Appx. B: spring-jcl 5.3.8)                                                                                                                                        | Apache License 2.0<br>(c.f. spring-jcl 5.3.8)                          |                 |
| 205 | spring-messaging                   | 5.3.8   | (see Appx. B: spring-messaging 5.3.8)                                                                                                                                  | Apache License 2.0<br>(c.f. spring-messaging 5.3.8)                    |                 |
| 206 | spring-security-config             | 5.5.1   | Copyright (c) 2002-2021 the original author or authors                                                                                                                 | Apache License 2.0<br>(c.f. spring-security-config 5.5.1)              |                 |
| 207 | spring-security-core               | 5.5.0   | Copyright (c) 2002-2021 the original author or authors<br>Copyright (c) 2004-2006 Acegi Technology Pty Limited<br>Copyright (c) 2006 Damien Miller<br><djm@mindrot.org | Apache License 2.0<br>(c.f. spring-security-core 5.5.0)                |                 |
| 208 | spring-security-core               | 5.5.1   | Copyright (c) 2002-2021 the original author or authors<br>Copyright (c) 2004-2006 Acegi Technology Pty Limited                                                         | Apache License 2.0<br>(c.f. spring-security-core 5.5.1)                |                 |
| 209 | spring-security-crypto             | 5.5.1   | Copyright (c) 2002-2020 the original author or authors<br>Copyright (c) 2006 Damien Miller<br><djm@mindrot.org                                                         | Apache License 2.0<br>(c.f. spring-security-crypto 5.5.1)              |                 |

## Third Party License(s) of Terracotta (TDB) Version 10.11

| No. | Name                                        | Version         | Copyright (oversized see Appx. B)                                                                                                                                               | Licenses (Appx. A) and embedded Notices (Appx. C)                   | Package Comment |
|-----|---------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------|
| 210 | spring-security-saml2-core                  | 1.0.10.RELEASE  | (see Appx. B: spring-security-saml2-core 1.0.10.RELEASE)                                                                                                                        | Apache License 2.0 (c.f. spring-security-saml2-core 1.0.10.RELEASE) |                 |
| 211 | spring-security-web                         | 5.5.1           | Copyright (c) 2002-2021 the original author or authors<br>Copyright (c) 2004-2009 Acegi Technology Pty Limited                                                                  | Apache License 2.0 (c.f. spring-security-web 5.5.1)                 |                 |
| 212 | spring-webmvc                               | 5.3.8           | (see Appx. B: spring-webmvc 5.3.8)                                                                                                                                              | Apache License 2.0 (c.f. spring-webmvc 5.3.8)                       |                 |
| 213 | spring-websocket                            | 5.3.8           | (see Appx. B: spring-websocket 5.3.8)                                                                                                                                           | Apache License 2.0 (c.f. spring-websocket 5.3.8)                    |                 |
| 214 | spring-web                                  | 5.3.8           | (see Appx. B: spring-web 5.3.8)                                                                                                                                                 | Apache License 2.0 (c.f. spring-web 5.3.8)                          |                 |
| 215 | springframework                             | 5.2.4.RELEASE_1 | Copyright (c) 2002-2020 the original author or authors<br>Copyright (c) 2000-2011 INRIA, France Telecom<br>Copyright (c) 2002-2020 The Apache Software Foundation               | Apache License 2.0 (c.f. springframework 5.2.4.RELEASE_1)           |                 |
| 216 | springsource-spring-security-saml           | 1.0.0.RELEASE   | Copyright 2009 Mandus Elfving                                                                                                                                                   | Apache License 2.0                                                  |                 |
| 217 | stax-ex                                     | 1.8.1           | Copyright (c) 1997-2018 Oracle and/or its affiliates                                                                                                                            | Eclipse Distribution License 1.0 (c.f. stax-ex 1.8.1)               |                 |
| 218 | stax2-api                                   | 4.2             | Copyright (c) 2004 - 2006, 2008 - Tatu Saloranta, tatu.saloranta@iki.fi<br>Copyright (c) 2010 FasterXML.com                                                                     | BSD 2-clause "Simplified" or "FreeBSD" License                      |                 |
| 219 | stuk-jszip                                  | 2.6             | Copyright (c) 2009-2016 Stuart Knightley, David Duponchel, Franz Buchinger, Antnio Afonso                                                                                       | MIT License (also X11)                                              |                 |
| 220 | systemjs-systemjs                           | 0.20.12         | Copyright (c) 2013-2016 Guy Bedford                                                                                                                                             | MIT License (also X11)                                              |                 |
| 221 | tanuki-silveregg-java-service-wrapper-02032 | 3.5.43          |                                                                                                                                                                                 | TAC#02032                                                           |                 |
| 222 | telerik-kendoui-professional-03704          | 2017.3.1026     | Copyright (c) Telerik. All rights reserved.                                                                                                                                     | TAC#03704                                                           |                 |
| 223 | tomcat-embed-el                             | 9.0.48          | Copyright (c) 1999-2021 The Apache Software Foundation                                                                                                                          | Apache License 2.0 (c.f. tomcat-embed-el 9.0.48)                    |                 |
| 224 | trang                                       | 20081028        | Copyright (c) 2002, 2003, 2008 Thai Open Source Software Center Ltd<br>All rights reserved.                                                                                     | BSD 3-clause "New" or "Revised" License                             |                 |
| 225 | txw2                                        | 2.3.2           | Copyright (c) 2005, 2017 - 2018 Oracle and/or its affiliates. All rights reserved.                                                                                              | BSD 3-clause "New" or "Revised" License                             |                 |
| 226 | underscore                                  | 1.13.1          | Copyright (c) 2009-2021 Jeremy Ashkenas, Julian Gonggrijp, and DocumentCloud and Investigative Reporters & Editors                                                              | MIT License (also X11)                                              |                 |
| 227 | undertow-core                               | 2.2.5.Final     | Copyright (c) 2021 <a href="http://www.jboss.org">http://www.jboss.org</a><br>Copyright (c) 2012-2020 Red Hat Inc and individual contributors<br>Copyright (c) 2013 Red Hat Inc | Apache License 2.0 (c.f. undertow-core 2.2.5.Final)                 |                 |
| 228 | undertow-core                               | 2.2.8.Final     | Copyright (c) 2012-2020 Red Hat Inc and individual contributors<br>Copyright (c) 2013 Red Hat Inc                                                                               | Apache License 2.0 (c.f. undertow-core 2.2.8.Final)                 |                 |
| 229 | undertow-servlet                            | 2.2.8           | Copyright (c) 2012-2020 Red Hat Inc and individual contributors<br>Copyright (c) 2013-2014 Red Hat Inc                                                                          | Apache License 2.0 (c.f. undertow-servlet 2.2.8)                    |                 |
| 230 | undertow-websockets-jsr                     | 2.2.8.Final     | Copyright (c) 2012-2014 Red Hat Inc and individual contributors                                                                                                                 | Apache License 2.0 (c.f. undertow-websockets-jsr 2.2.8.Final)       |                 |
| 231 | validation-api                              | 2.0.1.Final     | Copyright (c) 2012 - 2017 Red Hat Inc. All Rights Reserved.                                                                                                                     | Apache License 2.0                                                  |                 |
| 232 | whatwg-fetch                                | 2.0.3           | Copyright (c) 2014-2016 GitHub, Inc.                                                                                                                                            | MIT License (also X11)                                              |                 |
| 233 | wildfly-client-config                       | 1.0.1.Final     | Copyright (c) 2015-2017 Red Hat, Inc., and individual contributors                                                                                                              | Apache License 2.0 (c.f. wildfly-client-config 1.0.1.Final)         |                 |
| 234 | wildfly-common                              | 1.5.2.Final     | Copyright (c) 2014-2019 Red Hat, Inc., and individual contributors<br>Copyright (c) 2019 JBoss                                                                                  | Apache License 2.0 (c.f. wildfly-common 1.5.2.Final)                |                 |
| 235 | woodstox-core                               | 6.1.1           | Copyright (c) 2020 FasterXML<br>Copyright (c) 2001-2013 Oracle and or its affiliates<br>Copyright (c) 2004-2005 Tatu Saloranta tatu.saloranta iki fi                            | Apache License 2.0 (c.f. woodstox-core 6.1.1)                       |                 |
| 236 | wsd4j                                       | 1.6.2           | Copyright IBM Corp 2001, 2006                                                                                                                                                   | Common Public License 1.0                                           |                 |
| 237 | xercesImpl                                  | 2.12.1          | Copyright (c) 1999-2020 The Apache Software Foundation                                                                                                                          | Apache License 2.0 (c.f. xercesImpl 2.12.1)                         |                 |
| 238 | xml-apis                                    | 1.4.01          | Copyright (c) 1999-2009 The Apache Software Foundation.                                                                                                                         | Apache License 2.0 (c.f. xml-apis 1.4.01)                           |                 |
| 239 | xmlsec-java                                 | 1.5.6           | Copyright 1999-2011 The Apache Software Foundation                                                                                                                              | Apache License 2.0                                                  |                 |



## Third Party License(s) of Terracotta (TDB) Version 10.11

| No. | Name            | Version     | Copyright (oversized see Appx. B)                                                                                                        | Licenses (Appx. A) and embedded Notices (Appx. C) | Package Comment |
|-----|-----------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------|
| 240 | 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                                |                 |
| 241 | xnio-api        | 3.8.0.Final | Copyright (c) 2008-2017 Red Hat Inc and/or its affiliates and individual contributors<br>Copyright (c) 2017 JBoss                        | Apache License 2.0<br>(c.f. xnio-api 3.8.0.Final) |                 |
| 242 | xnio-api        | 3.8.4.Final | Copyright (c) 2012-2019 Red Hat Inc and individual contributors<br>Copyright (c) 2013-2015 Red Hat Inc and/or its affiliates             | Apache License 2.0                                |                 |
| 243 | xnio-nio        | 3.8.0.Final | Copyright (c) 2012-2019 Red Hat Inc and individual contributors                                                                          | Apache License 2.0<br>(c.f. xnio-nio 3.8.0.Final) |                 |
| 244 | xnio-nio        | 3.8.4.Final | Copyright (c) 2012-2019 Red Hat Inc and individual contributors<br>Copyright (c) 2013-2015 Red Hat Inc and/or its affiliates             | Apache License 2.0                                |                 |

## Appendix A - Licenses

### 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."

## Third Party License(s) of Terracotta (TDB) Version 10.11

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (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

## Third Party License(s) of Terracotta (TDB) Version 10.11

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]

Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

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

Copyright <year> <copyright holder>. All rights reserved.

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

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

THIS SOFTWARE IS PROVIDED BY <COPYRIGHT HOLDER> ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

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

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

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

All rights reserved.

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

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the <organization> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## 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 (TDB) Version 10.11

(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.

## Third Party License(s) of Terracotta (TDB) Version 10.11

### 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 (TDB) Version 10.11

CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

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

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

#### 9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

#### 10. RESPONSIBILITY FOR CLAIMS.

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

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

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

## Common Public License 1.0

Common Public License Version 1.0

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

### 1. DEFINITIONS

"Contribution" means:

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

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

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

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

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

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

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

### 2. GRANT OF RIGHTS

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

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

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

Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

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

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

### 3. REQUIREMENTS

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

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

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

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

### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

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.

### Third Party License(s) of Terracotta (TDB) Version 10.11

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.

## **Eclipse Distribution License 1.0**

Eclipse Distribution License - v 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

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 Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.



## Eclipse Public License 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 (TDB) Version 10.11

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 (TDB) Version 10.11

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

## Eclipse Public License 2.0

Eclipse Public License - v 2.0

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

### 1. DEFINITIONS

Contribution means:

- a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
  - i) changes to the Program, and
  - ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution originates from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works.

Contributor means any person or entity that Distributes the Program.

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

Program means the Contributions Distributed in accordance with this Agreement.

Recipient means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

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

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

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

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

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

### 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

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

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

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

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

### 3. REQUIREMENTS

Copyright (c) 2021 Software AG, Darmstadt, Germany

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

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

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

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

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

## 4. COMMERCIAL DISTRIBUTION

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

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

## 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN AS IS BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

## 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## 7. GENERAL

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

## Third Party License(s) of Terracotta (TDB) Version 10.11

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

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

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A Form of Secondary Licenses Notice

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

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

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

You may add additional accurate notices of copyright ownership.

## GlassFish - Common Development and Distribution License 1.1

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) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

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 (TDB) Version 10.11

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

6.3. If You assert a patent infringement claim against Participant alleging that the Participant Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

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

### 7. LIMITATION OF LIABILITY.

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

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

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

### 9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

### 10. RESPONSIBILITY FOR CLAIMS.

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

-----  

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

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

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

insert GPL v2 license text here

Class Path Exception

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

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

## GNU Lesser General Public License v3.0

GNU LESSER GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

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

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

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

### 0. Additional Definitions.

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

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

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

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

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

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

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

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

### 2. Conveying Modified Versions.

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

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

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

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

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

### 4. Combined Works.

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

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

## Third Party License(s) of Terracotta (TDB) Version 10.11

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

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

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

### 5. Combined Libraries.

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

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.
- b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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

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

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

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

### **Intalio License**

Copyright 1999-2004 (C) Intalio Inc., and others. All Rights Reserved. Redistribution and use of this software and associated documentation (Software), with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain copyright statements and notices. Redistributions must also contain a copy of this document. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. The name ExoLab must not be used to endorse or promote products derived from this Software without prior written permission of Intalio Inc. For written permission, please contact [info@exolab.org](mailto:info@exolab.org). 4. Products derived from this Software may not be called Castor nor may Castor appear in their names without prior written permission of Intalio Inc. Exolab, Castor and Intalio are trademarks of Intalio Inc. 5. Due credit should be given to the ExoLab Project (<http://www.exolab.org/>). THIS SOFTWARE IS PROVIDED BY INTALIO AND CONTRIBUTORS ``AS IS AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL INTALIO OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## JDOM License

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

All rights reserved.

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

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the disclaimer that follows these conditions in the documentation and/or other materials provided with the distribution.
3. The name "JDOM" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact <request\_AT\_jdom\_DOT\_org>.
4. Products derived from this software may not be called "JDOM", nor may "JDOM" appear in their name, without prior written permission from the JDOM Project Management <request\_AT\_jdom\_DOT\_org>.

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

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

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

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE JDOM AUTHORS OR THE PROJECT CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software consists of voluntary contributions made by many individuals on behalf of the JDOM Project and was originally created by Jason Hunter <jhunter\_AT\_jdom\_DOT\_org> and Brett McLaughlin <brett\_AT\_jdom\_DOT\_org>. For more information on the JDOM Project, please see <<http://www.jdom.org/>>.

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

License

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

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

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

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

**MIT License (also X11)**

MIT License

Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

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

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



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

As stipulated in clause 6.2 of the Netscape Public License 1.0/1.1 and Mozilla Public License 1.0/1.1, Software AG has chosen to distribute this component under a subsequent version of these licenses, the Mozilla Public License 2.0. See also <https://www.mozilla.org/en-US/MPL/2.0/Revision-FAQ/> "As part of the creation of the Mozilla Foundation, Netscape assigned the ability to publish new licenses to Mozilla, making the Mozilla Foundation Netscape's successor for this purpose."   
  
Mozilla Public License Version 2.0  
  
Definitions  
1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.  
1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.  
1.3. "Contribution" means Covered Software of a particular Contributor.  
1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.  
1.5. "Incompatible With Secondary Licenses" means that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.  
1.6. "Executable Form" means any form of the work other than Source Code Form.  
1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.  
1.8. "License" means this document.  
1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.  
1.10. "Modifications" means any of the following:  
any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or  
any new file in Source Code Form that contains any Covered Software.  
1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.  
1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.  
1.13. "Source Code Form" means the form of the work preferred for making modifications.  
1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.  
  
2. License Grants and Conditions  
2.1. Grants  
Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:  
under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and  
under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.  
2.2. Effective Date  
The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.  
2.3. Limitations on Grant Scope  
The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:  
for any code that a Contributor has removed from Covered Software; or  
for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or  
under Patent Claims infringed by Covered Software in the absence of its Contributions.  
This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).  
2.4. Subsequent Licenses  
No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).  
2.5. Representation  
Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.  
2.6. Fair Use  
This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.  
2.7. Conditions  
Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.  
  
3. Responsibilities  
3.1. Distribution of Source Form  
All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.  
3.2. Distribution of Executable Form  
If You distribute Covered Software in Executable Form then:  
such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and  
You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.  
3.3. Distribution of a Larger Work  
You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).  
3.4. Notices  
You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.  
3.5. Application of Additional Terms  
You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability

## Third Party License(s) of Terracotta (TDB) Version 10.11

specific to any jurisdiction.

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

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

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

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

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

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

10. Versions of the License

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

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

10.3. Modified Versions  
If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

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

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

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

You may add additional accurate notices of copyright ownership.

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

## Mozilla Public License 2.0

Mozilla Public License  
Version 2.0

### 1. Definitions

#### 1.1. "Contributor"

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

#### 1.2. "Contributor Version"

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

#### 1.3. "Contribution"

means Covered Software of a particular Contributor.

#### 1.4. "Covered Software"

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

#### 1.5. "Incompatible With Secondary Licenses"

means

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

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

#### 1.6. "Executable Form"

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

#### 1.7. "Larger Work"

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

#### 1.8. "License"

means this document.

#### 1.9. "Licensable"

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

#### 1.10. "Modifications"

means any of the following:

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

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

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

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

#### 1.12. "Secondary License"

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

#### 1.13. "Source Code Form"

means the form of the work preferred for making modifications.

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

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

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 (TDB) Version 10.11

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.

**Public Domain**

This product is released into the Public Domain and therefore has no license

## TAC#02032

Tanuki Software, Inc.  
Development Software License Agreement  
Version 1.0

License Agreement Number: TSILA-040033-20080716

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

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

### Section 1 - Grant of License

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

### Section 2 - Definitions

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

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

### Section 3 - Licensee Obligations

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

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

### Section 4 - Copyright and Trademark

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

### Section 5 - Maintenance Services

#### 5.1 Scope and Duration

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



## Third Party License(s) of Terracotta (TDB) Version 10.11

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 (TDB) Version 10.11

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 (TDB) Version 10.11

## 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#03704**

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

**TAC#1846**

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

## Appendix B - Oversized Copyright Statements

### Copyright: apache-tomcat 8.5.64

Copyright (c) 1995-2021 The Apache Software Foundation  
Copyright (c) 2002 International Business Machines Corporation  
Copyright (c) 2009-2013 Oracle and/or its affiliates  
Copyright (c) 2003-2009 Sun Microsystems Inc  
Copyright (c) 2005-2021 the Apache Software Foundation  
Copyright (c) 1999-2021 Apache Software Foundation  
Copyright (c) 1999 International Business Machines Inc <http://www.apache.org>  
Copyright (c) 1992-2019 Free Software Foundation Inc  
Copyright (c) 2000-2016 IBM Corporation and others  
Copyright (c) 1999-2000 year Apache Software Foundation  
Copyright (c) 2000-2015 IBM Corp  
Copyright (c) 2014 The Netty Project  
Copyright (c) 2014 Twitter  
Copyright (c) 1994 The Regents of the University of California  
Copyright (c) 1995-1998 Eric Young (eay@cryptsoft.com)  
Copyright (c) 1998-2018 The OpenSSL Project

### Copyright: apache-xalan-j 2.7.2

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

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

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

### Copyright: azul-zulujdk-ta00144 11.50

Copyright (c) 1982 (C The Royal Institute Thai Royal Government  
Copyright (c) 1983-1994 The Regents of the University of California All rights reserved  
Copyright (c) 1986 (C International Organization for Standardization  
Copyright (c) 1987-1988 (C Student Information Processing Board of the Massachusetts Institute of Technology  
Copyright (c) 1988 AT&T All Rights Reserved  
Copyright (c) 1989-2012 (C Free Software Foundation Inc  
Copyright (c) 1990-1991 Wang Labs Inc  
Copyright (c) 1991-1994 Unicode Inc All Rights reserved  
Copyright (c) 1991-1998 (C Thomas G Lane All Rights Reserved except as specified below  
Copyright (c) 1991-1998 (C Thomas G Lane This file is part of the Independent JPEG Group's software For conditions of distribution and use see the accompanying README file  
Copyright (c) 1991-2001 Lucent Technologies  
Copyright (c) 1991-2015 Unicode Inc For terms of use see <http://www.unicode.org/terms>  
Copyright (c) 1991-2016 (C Unicode Inc All rights reserved  
Copyright (c) 1991-2016 (C Unicode Inc All rights reserved Distributed under the Terms of Use in <http://www.unicode.org>  
Copyright (c) 1992-2018 Oracle and or its affiliates and Stanford University See the LICENSE file for license information  
Copyright (c) 1993 -2011 Oracle and or its affiliates All rights reserved  
Copyright (c) 1993 Digital Equipment Corporation  
Copyright (c) 1993-1994 X Consortium  
Copyright (c) 1993-1998 The Open Group  
Copyright (c) 1993-1998 The Open Group Permission to use copy modify distribute and sell this software and its  
Copyright (c) 1993-2011 Oracle and or its affiliates All rights reserved  
Copyright (c) 1993-2021 Oracle and or its affiliates All rights reserved  
Copyright (c) 1994-1999 (C RSA Security Inc Licence to copy this document is granted provided that it is identified as RSA Security In  
Copyright (c) 1994-1999 (C RSA Security Inc Licence to copy this document is granted provided that it is identified as RSA Security Inc Public-Key Cryptography Standards  
Copyright (c) 1994-2000 (C Netscape Communications Corporation All Rights Reserved  
Copyright (c) 1994-2009 (C the Initial Developer All Rights Reserved  
Copyright (c) 1994-2018 Oracle and or its affiliates All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 1994-2021 Oracle and or its affiliates All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 1995 Colin Plumb All rights reserved  
Copyright (c) 1995-1996 Guy Eric Schalnat Group  
Copyright (c) 1995-1997 (C International Business Machines Corp  
Copyright (c) 2021 Software AG, Darmstadt, Germany

### Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 1995-2000 (C The Cryptix Foundation Limited All rights reserved  
Copyright (c) 1995-2005 The Cryptix Foundation Limited All rights reserved  
Copyright (c) 1995-2010 C Jean-loup Gailly and Mark Adler  
Copyright (c) 1995-2016 (C Jean-loup Gailly Mark Adler For conditions of distribution and use see  
Copyright (c) 1995-2017 (C Jean-loup Gailly For conditions of distribution and use see  
Copyright (c) 1995-2017 (C Jean-loup Gailly and Mark Adler  
Copyright (c) 1995-2017 (C Jean-loup Gailly and Mark Adler For conditions of distribution and use see  
Copyright (c) 1995-2017 (C Jean-loup Gailly detect  
Copyright (c) 1995-2017 (C Mark Adler For conditions of distribution and use see  
Copyright (c) 1995-2019 The PNG Reference Library Authors  
Copyright (c) 1996 Netscape Communications Corporation All rights reserved  
Copyright (c) 1996-1997 Andreas Dilger  
Copyright (c) 1996-1997 Andreas Dilger PNG  
Copyright (c) 1996-1997 Andreas Dilger are derived from libpng  
Copyright (c) 1996-1998 (C Taligent Inc  
Copyright (c) 1996-1999 Internet Software Consortium  
Copyright (c) 1996-2000 (C by David Turner Robert Wilhelm and Werner Lemberg All rights reserved except as specified below  
Copyright (c) 1996-2009 (C IBM Corp and others  
Copyright (c) 1996-2013 (C IBM Corp  
Copyright (c) 1996-2015 (C International Business Machines Corporation and others All Rights Reserved  
Copyright (c) 1996-2020 (C by David Turner Robert Wilhelm and Werner Lemberg  
Copyright (c) 1996-2020 (C by Just van Rossum David Turner Robert Wilhelm and Werner Lemberg  
Copyright (c) 1997 Eric S Raymond  
Copyright (c) 1997-1998 (C Netscape Communications Corporation  
Copyright (c) 1998 (C Michael J Fromberger All Rights Reserved Thayer School of Engineering Dartmouth College Hanover NH USA  
Copyright (c) 1998 (C National Electronics and Computer Technology Center National Science and Technology Development Agency Ministry of Science Technology and Environment  
Copyright (c) 1998 (C Thomas G Lane  
Copyright (c) 1998 (C by the FundsXpress INC  
Copyright (c) 1998 Hewlett-Packard Company  
Copyright (c) 1998 Netscape Communications Corporation All Rights Reserved comment License information [http www.mozilla.org MPL](http://www.mozilla.org/MPL)  
specialString  
Copyright (c) 1998 Netscape Communications Corporation All Rights Reserved comment [http www.mozilla.org MPL](http://www.mozilla.org/MPL) specialString  
Copyright (c) 1998-1999 International Business Machines All Rights Reserved  
Copyright (c) 1998-2017 Oracle and or its affiliates  
Copyright (c) 1998-2018 Glenn Randers-Pehrson  
Copyright (c) 1998-2018 Glenn Randers-Pehrson PNG  
Copyright (c) 1998-2018 Glenn Randers-Pehrson are derived from libpng  
Copyright (c) 1998-2021 Marti Maria Saguer  
Copyright (c) 1999 IBM Corporation  
Copyright (c) 1999 IBM Corporation [http www.ibm.com](http://www.ibm.com) software  
Copyright (c) 1999 Sun Microsystems [http www.sun.com](http://www.sun.com) voluntary contributions made by Paul Eng on behalf of the Apache Software Foundation that were originally developed at iClick Inc  
Copyright (c) 1999-2002 Lotus Development Corporation [http www.lotus.com](http://www.lotus.com) software  
Copyright (c) 1999-2003 (C Sun Microsystems Inc All Rights Reserved  
Copyright (c) 1999-2003 David Corcoran <[corcoran@linuxnet.com](mailto:corcoran@linuxnet.com)>  
Copyright (c) 1999-2003 David Corcoran <[corcoran@musclecard.com](mailto:corcoran@musclecard.com)>  
Copyright (c) 1999-2004 (C David Corcoran <[corcoran@musclecard.com](mailto:corcoran@musclecard.com)>  
Copyright (c) 1999-2007 (C Brian Paul All Rights Reserved  
Copyright (c) 1999-2014 International Business Machines Corporation and others All rights reserved  
Copyright (c) 2000-2004 World Wide Web Consortium  
Copyright (c) 2000-2011 France T  
Copyright (c) 2000-2013 INRIA France Telecom All rights reserved  
Copyright (c) 2001 (C I/O All Rights Reserved  
Copyright (c) 2001 (C [earthian@tama.or.jp](mailto:earthian@tama.or.jp) All Rights Reserved  
Copyright (c) 2001 Institute for Data Communications Systems  
Copyright (c) 2001-2002 Sun Microsystems [http www.sun.com](http://www.sun.com) software  
Copyright (c) 2001-2011 Ludovic Rousseau <[ludovic.rousseau@free.fr](mailto:ludovic.rousseau@free.fr)> All rights reserved  
Copyright (c) 2002 Graz University of Technology All rights reserved  
Copyright (c) 2002-2011 (C Ludovic Rousseau <[ludovic.rousseau@free.fr](mailto:ludovic.rousseau@free.fr)>  
Copyright (c) 2002-2018 the original author or authors All rights reserved  
Copyright (c) 2002-2020 the original author or authors  
Copyright (c) 2003 IBM Corporation [http www.ibm.com](http://www.ibm.com) voluntary contributions made by Ovidiu Predescu ([ovidiu@cup.hp.com](mailto:ovidiu@cup.hp.com)) on behalf of the Apache Software Foundation and was originally developed at Hewlett Packard Company  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2003 Oracle and or its affiliates All rights reserved REM DO NOT ALTER OR REMOVE  
Copyright (c) 2003-2014 (C Ludovic Rousseau  
Copyright (c) 2003-2020 (C by Masatake YAMATO Redhat K.K David Turner Robert Wilhelm and Werner Lemberg  
Copyright (c) 2004 Internet Systems Consortium Inc  
Copyright (c) 2004-2015 Paul R Holser Jr  
Copyright (c) 2004-2020 (C by David Turner Robert Wilhelm Werner Lemberg and George Williams  
Copyright (c) 2004-2020 (C by Masatake YAMATO Red Hat K.K David Turner Robert Wilhelm and Werner Lemberg  
Copyright (c) 2004-2020 (C by Masatake YAMATO and Redhat K.K  
Copyright (c) 2005 (C Martin Paljak <martin@paljak.pri.ee  
Copyright (c) 2005-2010 Oracle and or its affiliates All rights reserved All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2006 (C Project  
Copyright (c) 2006 VeriSign Inc For authorized use only1E0C  
Copyright (c) 2007 Sun Microsystems Inc All Rights Reserved  
Copyright (c) 2007-2011 Mij <mij@bitchx.it  
Copyright (c) 2007-2013 Stephen Colebourne Michael Nascimento Santos  
Copyright (c) 2007-2020 (C by David Turner  
Copyright (c) 2007-2020 (C by Derek Clegg and Michael Toftdal  
Copyright (c) 2007-2020 (C by Derek Clegg and Michael Toftdal  
Copyright (c) 2007-2020 (C by Rahul Bhalariao <rahul.bhalerao@redhat.com <b.rahul.pm@gmail.com  
Copyright (c) 2007-2020 Oracle and or its affiliates All rights reserved Use is subject to license terms  
Copyright (c) 2008 Otto Moerbeek <otto@drijf.net SPDX-License-Identifier MIT  
Copyright (c) 2008-2018 The Khronos Group Inc  
Copyright (c) 2008-2020 (C by David Turner Robert Wilhelm Werner Lemberg and suzuki toshiya  
Copyright (c) 2009 (C VMware Inc All Rights Reserved  
Copyright (c) 2009 (C by Remo Dentato (rdentato@gmail.com  
Copyright (c) 2009 Apple Inc All rights reserved  
Copyright (c) 2009 Red Hat Inc  
Copyright (c) 2009 SAP SE All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2009-2012 Red Hat Inc DO NOT ALTER OR REMOVE  
Copyright (c) 2009-2015 Oracle Corporation All Rights Reserved  
Copyright (c) 2009-2016 Stuart Knightley  
Copyright (c) 2011 Oracle u548C  
Copyright (c) 2014 Stuart Knightley David Duponchel Dual licenced under the MIT license or GPLv3 See <https://raw.githubusercontent.com/Stuk/jszip-utils/master/LICENSE.markdown>  
Copyright (c) 2014-2017 (C Vitaly Puzrin and Andrey Tupitsin  
Copyright (c) (C year name of author  
Copyright (c) (C year name of author Gnomovision comes  
Copyright (c) 1982 (C The Royal Institute Thai Royal Government  
Copyright (c) 1983-1994 The Regents of the University of California All rights reserved  
Copyright (c) 1986 (C International Organization for Standardization  
Copyright (c) 1987-1988 (C Student Information Processing Board of the Massachusetts Institute of Technology  
Copyright (c) 1987-1988 the Student Information Processing Board of the Massachusetts Institute of Technology  
Copyright (c) 1988 AT&T All Rights Reserved  
Copyright (c) 1989-2012 (C Free Software Foundation Inc  
Copyright (c) 1990-1991 Wang Labs Inc  
Copyright (c) 1991 the Massachusetts Institute of Technology  
Copyright (c) 1991-1994 Unicode Inc All Rights reserved  
Copyright (c) 1991-1998 (C Thomas G Lane All Rights Reserved except as specified below  
Copyright (c) 1991-1998 (C Thomas G Lane This file is part of the Independent JPEG Group's software For conditions of distribution and use see the accompanying README file  
Copyright (c) 1991-2001 Lucent Technologies  
Copyright (c) 1991-2003 Eastman Kodak Company  
Copyright (c) 1991-2016 (C Unicode Inc All rights reserved  
Copyright (c) 1991-2016 (C Unicode Inc All rights reserved Distributed under the Terms of Use in <http://www.unicode.org>  
Copyright (c) 1991-2017 Unicode Inc CLDR data files are interpreted according to the LDML specification  
Copyright (c) 1991-2017 Unicode Inc For terms of use see <http://www.unicode.org/terms>  
Copyright (c) 1991-2018 Unicode Inc All rights reserved Distributed under the Terms of Use in <http://www.unicode.org>  
Copyright (c) 1991-2018 Unicode Inc For terms of use see <http://www.unicode.org>  
Copyright (c) 1992 Network Computing Devices Inc  
Copyright (c) 1992-2018 Oracle and or its affiliates and Stanford University See the LICENSE file for license information  
Copyright (c) 1993 -2011 Oracle and or its affiliates All rights reserved  
Copyright (c) 1993 Digital Equipment Corporation  
Copyright (c) 1993-1994 X Consortium  
Copyright (c) 1993-1998 The Open Group  
Copyright (c) 2021 Software AG, Darmstadt, Germany



### Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 1993-1998 The Open Group Permission to use copy modify distribute and sell this software and its  
Copyright (c) 1993-2011 Oracle and or its affiliates All rights reserved  
Copyright (c) 1993-2021 Oracle and or its affiliates All rights reserved  
Copyright (c) 1994 Hewlett-Packard Co  
Copyright (c) 1994-1999 (C RSA Security Inc Licence to copy this document is granted provided that it is identified as RSA Security In  
Copyright (c) 1994-1999 (C RSA Security Inc Licence to copy this document is granted provided that it is identified as RSA Security Inc Public-Key  
Cryptography Standards  
Copyright (c) 1994-2000 (C Netscape Communications Corporation All Rights Reserved  
Copyright (c) 1994-2009 (C the Initial Developer All Rights Reserved  
Copyright (c) 1994-2018 Oracle and or its affiliates All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 1994-2021 Oracle and or its affiliates All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 1995 Colin Plumb All rights reserved  
Copyright (c) 1995 Jeff Dinkins  
Copyright (c) 1995 Jeff Dinkins Unauthorized reproduction is prohibited  
Copyright (c) 1995-1996 Guy Eric Schalnat Group  
Copyright (c) 1995-1997 (C International Business Machines Corp  
Copyright (c) 1995-2000 (C The Cryptix Foundation Limited All rights reserved  
Copyright (c) 1995-2005 The Cryptix Foundation Limited All rights reserved  
Copyright (c) 1995-2016 (C Jean-loup Gailly Mark Adler For conditions of distribution and use see  
Copyright (c) 1995-2017 (C Jean-loup Gailly For conditions of distribution and use see  
Copyright (c) 1995-2017 (C Jean-loup Gailly and Mark Adler  
Copyright (c) 1995-2017 (C Jean-loup Gailly and Mark Adler For conditions of distribution and use see  
Copyright (c) 1995-2017 (C Jean-loup Gailly detect  
Copyright (c) 1995-2017 (C Mark Adler For conditions of distribution and use see  
Copyright (c) 1995-2017 Jean-loup Gailly and Mark Adler  
Copyright (c) 1995-2017 Mark Adler  
Copyright (c) 1995-2019 The PNG Reference Library Authors  
Copyright (c) 1996 Netscape Communications Corporation All rights reserved  
Copyright (c) 1996-1997 Andreas Dilger  
Copyright (c) 1996-1997 Andreas Dilger PNG  
Copyright (c) 1996-1997 Andreas Dilger are derived from libpng  
Copyright (c) 1996-1998 (C Taligent Inc  
Copyright (c) 1996-1999 Internet Software Consortium  
Copyright (c) 1996-2000 (C by David Turner Robert Wilhelm and Werner Lemberg All rights reserved except as specified below  
Copyright (c) 1996-2003 Elliot Joel Berk and C Scott Ananian Permission to use copy modify and distribute this software and its documentation for  
any purpose and without fee is hereby granted  
Copyright (c) 1996-2006 David Turner Robert Wilhelm and Werner Lemberg  
Copyright (c) 1996-2009 (C IBM Corp and others  
Copyright (c) 1996-2013 (C IBM Corp  
Copyright (c) 1996-2015 (C International Business Machines Corporation and others All Rights Reserved  
Copyright (c) 1996-2015 Scott Hudson Frank Flannery C Scott Ananian Michael Petter  
Copyright (c) 1996-2020 (C by David Turner Robert Wilhelm and Werner Lemberg  
Copyright (c) 1996-2020 (C by Just van Rossum David Turner Robert Wilhelm and Werner Lemberg  
Copyright (c) 1997 Eric S Raymond  
Copyright (c) 1997 The Open Group Research Institute All rights reserved  
Copyright (c) 1997-1998 (C Netscape Communications Corporation  
Copyright (c) 1997-2003 Sun Microsystems Inc  
Copyright (c) 1997-2010 Sun Microsystems Inc All Rights Reserved  
Copyright (c) 1997-2014 IBM Corporation  
Copyright (c) 1998 (C Michael J Fromberger All Rights Reserved Thayer School of Engineering Dartmouth College Hanover NH USA  
Copyright (c) 1998 (C National Electronics and Computer Technology Center National Science and Technology Development Agency Ministry of  
Science Technology and Environment  
Copyright (c) 1998 (C Thomas G Lane  
Copyright (c) 1998 (C by the FundsXpress INC  
Copyright (c) 1998 Hewlett-Packard Company  
Copyright (c) 1998 Netscape Communications Corporation All Rights Reserved comment License information [http www.mozilla.org MPL](http://www.mozilla.org/MPL)  
specialString  
Copyright (c) 1998 Netscape Communications Corporation All Rights Reserved comment [http www.mozilla.org MPL](http://www.mozilla.org/MPL) specialString  
Copyright (c) 1998-1999 International Business Machines All Rights Reserved  
Copyright (c) 1998-2000 IBM Corp  
Copyright (c) 1998-2004 David Turner and Werner Lemberg  
Copyright (c) 1998-2005 IBM Corp All Rights Reserved  
Copyright (c) 1998-2006 W3C  
Copyright (c) 1998-2017 Oracle and or its affiliates  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 1998-2018 Glenn Randers-Pehrson  
Copyright (c) 1998-2018 Glenn Randers-Pehrson PNG  
Copyright (c) 1998-2018 Glenn Randers-Pehrson are derived from libpng  
Copyright (c) 1998-2021 Marti Maria Saguer  
Copyright (c) 1999 IBM Corporation  
Copyright (c) 1999 IBM Corporation [http www.ibm.com](http://www.ibm.com) software  
Copyright (c) 1999 Sun Microsystems [http www.sun.com](http://www.sun.com) voluntary contributions made by Paul Eng on behalf of the Apache Software Foundation that were originally developed at iClick Inc  
Copyright (c) 1999-2002 Lotus Development Corporation [http www.lotus.com](http://www.lotus.com) software  
Copyright (c) 1999-2003 (C Sun Microsystems Inc All Rights Reserved  
Copyright (c) 1999-2003 David Corcoran <[corcoran@linuxnet.com](mailto:corcoran@linuxnet.com)>  
Copyright (c) 1999-2003 David Corcoran <[corcoran@musclecard.com](mailto:corcoran@musclecard.com)>  
Copyright (c) 1999-2004 (C David Corcoran <[corcoran@musclecard.com](mailto:corcoran@musclecard.com)>  
Copyright (c) 1999-2004 Wily Technology Inc All rights reserved  
Copyright (c) 1999-2007 (C Brian Paul All Rights Reserved  
Copyright (c) 1999-2014 International Business Machines Corporation and others All rights reserved  
Copyright (c) 1999-2020 The Apache Software Foundation  
Copyright (c) 2000 Computing Research Labs New Mexico State University  
Copyright (c) 2000-2003 Sun Microsystems Inc All Rights Reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2000-2011 France T  
Copyright (c) 2000-2013 INRIA France Telecom All rights reserved  
Copyright (c) 2000-2015 World Wide Web Consortium  
Copyright (c) 2001 (C I'O All Rights Reserved  
Copyright (c) 2001 (C earthian@tama.or.jp All Rights Reserved  
Copyright (c) 2001 Institute for Data Communications Systems  
Copyright (c) 2001 softSurfer  
Copyright (c) 2001-2002 Sun Microsystems [http www.sun.com](http://www.sun.com) software  
Copyright (c) 2001-2011 Ludovic Rousseau <[ludovic.rousseau@free.fr](mailto:ludovic.rousseau@free.fr)> All rights reserved  
Copyright (c) 2001-2015 Francesco Zappa Nardelli  
Copyright (c) 2002 Graz University of Technology All rights reserved  
Copyright (c) 2002-2011 (C Ludovic Rousseau <[ludovic.rousseau@free.fr](mailto:ludovic.rousseau@free.fr)>  
Copyright (c) 2002-2018 the original author or authors All rights reserved  
Copyright (c) 2002-2020 the original author or authors  
Copyright (c) 2003 Apple Computer Inc  
Copyright (c) 2003 Apple Computer Inc all rights reserved  
Copyright (c) 2003 Apple Computer Inc all rights reserved.mluc  
Copyright (c) 2003 IBM Corporation [http www.ibm.com](http://www.ibm.com) voluntary contributions made by Ovidiu Predescu ([ovidiu@cup.hp.com](mailto:ovidiu@cup.hp.com)) on behalf of the Apache Software Foundation and was originally developed at Hewlett Packard Company  
Copyright (c) 2003 Oracle and or its affiliates All rights reserved REM DO NOT ALTER OR REMOVE  
Copyright (c) 2003 Wily Technology Inc  
Copyright (c) 2003-2014 (C Ludovic Rousseau  
Copyright (c) 2003-2015 Google Inc All rights reserved  
Copyright (c) 2003-2017 Unicode Inc and others All rights reserved Distributed under the Terms of Use in [http www.unicode.org](http://www.unicode.org)  
Copyright (c) 2003-2018 Google Inc  
Copyright (c) 2003-2020 (C by Masatake YAMATO Redhat K.K David Turner Robert Wilhelm and Werner Lemberg  
Copyright (c) 2004 Internet Systems Consortium Inc  
Copyright (c) 2004 Scott James Remnant <[scott@netsplit.com](mailto:scott@netsplit.com)>  
Copyright (c) 2004-2005 Sun Microsystems Inc All rights reserved  
Copyright (c) 2004-2015 Paul R Holser Jr  
Copyright (c) 2004-2019 Red Hat Inc  
Copyright (c) 2004-2020 (C by David Turner Robert Wilhelm Werner Lemberg and George Williams  
Copyright (c) 2004-2020 (C by Masatake YAMATO Red Hat K.K David Turner Robert Wilhelm and Werner Lemberg  
Copyright (c) 2004-2020 (C by Masatake YAMATO and Redhat K.K  
Copyright (c) 2005 (C Martin Paljak <[martin@paljak.pri.ee](mailto:martin@paljak.pri.ee)>  
Copyright (c) 2005 David Turner  
Copyright (c) 2005 Microsystems Inc All Rights Reserved  
Copyright (c) 2005 Microsystems Inc All Rights Reserved Use is subject to license terms  
Copyright (c) 2005 Sun Microsystems Inc All rights reserved Use is subject to license terms  
Copyright (c) 2005 Sun Microsystems Inc All rights reserved Use is subject to license terms Also under other license  
Copyright (c) 2005-2010 Oracle and or its affiliates All rights reserved All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2005-2018 jQuery Foundation Inc and other contributors [http jquery.com](http://jquery.com)  
Copyright (c) 2006 (C Project  
Copyright (c) 2006 Behdad Esfahbod  
Copyright (c) 2006 VeriSign Inc For authorized use only1E0C  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2006-2009 year in scripts pngwin.rc from to  
Copyright (c) 2006-2012 the  
Copyright (c) 2006-2014 Adobe Systems Incorporated  
Copyright (c) 2007 Chris Wilson  
Copyright (c) 2007-2011 Mij <mij@bitchx.it  
Copyright (c) 2007-2014 Stephen Colebourne Michael Nascimento Santos  
Copyright (c) 2007-2020 (C by David Turner  
Copyright (c) 2007-2020 (C by Derek Clegg and Michael Toftdal  
Copyright (c) 2007-2020 (C by Derek Clegg and Michael Toftdal  
Copyright (c) 2007-2020 (C by Rahul Bhalariao <rahul.bhalerao@redhat.com <b.rahul.pm@gmail.com  
Copyright (c) 2007-2020 Oracle and or its affiliates All rights reserved Use is subject to license terms  
Copyright (c) 2007-2021 Red Hat Inc DO NOT ALTER OR REMOVE  
Copyright (c) 2008 Otto Moerbeek <otto@drijf.net SPDX-License-Identifier MIT  
Copyright (c) 2008-2009 Google Inc All Rights Reserved  
Copyright (c) 2008-2010 Nokia Corporation and or its subsidiary  
Copyright (c) 2008-2018 The Khronos Group Inc  
Copyright (c) 2008-2020 (C by David Turner Robert Wilhelm Werner Lemberg and suzuki toshiya  
Copyright (c) 2009 (C VMware Inc All Rights Reserved  
Copyright (c) 2009 (C by Remo Dentato (rdentato@gmail.com  
Copyright (c) 2009 Apple Inc All rights reserved  
Copyright (c) 2009 D.E Shaw All Rights Reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2009 Goldman Sachs International All Rights Reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2009 Keith Stribley  
Copyright (c) 2009 Martin Hosken and SIL International  
Copyright (c) 2009-2012 Red Hat Inc All Rights Reserved  
Copyright (c) 2009-2015 Oracle Corporation All Rights Reserved  
Copyright (c) 2009-2016 Attila Szegedi  
Copyright (c) 2009-2016 Stuart Knightley  
Copyright (c) 2009-2016 Stuart Knightley David Duponchel Franz Buchinger Ant  
Copyright (c) 2009-2017 Google Inc All Rights Reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2009-2018 (C the original author  
Copyright (c) 2009-2020 (C by Oran Agra and Mickey Gabel  
Copyright (c) 2009-2021 SAP SE All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2010 year to  
Copyright (c) 2011 Codethink Limited  
Copyright (c) 2011 Hewlett-Packard Company All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2011 Oracle u548C  
Copyright (c) 2011 SAP AG All Rights Reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2012 (C Grigori Goronzy <greg@kinoho.net  
Copyright (c) 2012 Skip Balk All Rights Reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2012-2013 Intel Corp  
Copyright (c) 2012-2015 Mozilla Foundation  
Copyright (c) 2013 (C Free Software Foundation Inc This is free software see the source for copying conditions There is NO warranty not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE  
Copyright (c) 2013 (C Red Hat  
Copyright (c) 2013 Google Inc Google Author  
Copyright (c) 2013-2014 (C IBM Corporation and Others All Rights Reserved  
Copyright (c) 2013-2018 Google Inc All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2013-2020 (C by Google Inc Written by Stuart Gill and Behdad Esfahbod  
Copyright (c) 2013-2021 Azul Systems Inc All Rights Reserved  
Copyright (c) 2013-2021 Azul Systems Inc All Rights Reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2013-2021 Red Hat Inc All rights reserved  
Copyright (c) 2014 Red Hat Inc All rights reserved All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2014 Stuart Knightley David Duponchel Dual licenced under the MIT license or GPLv3 See <https://raw.githubusercontent.com/Stuk/jszip-utils/master/LICENSE.markdown>  
Copyright (c) 2014-2015 Goldman Sachs  
Copyright (c) 2014-2016 Intel Corporation All rights reserved Intel Math Library  
Copyright (c) 2014-2017 (C Vitaly Puzrin and Andrey Tupitsin  
Copyright (c) 2014-2017 (C by Vitaly Puzrin and Andrei Tuputcyn  
Copyright (c) 2014-2020 Red Hat Inc All rights reserved dnl DO NOT ALTER OR REMOVE  
Copyright (c) 2014-2108 Red Hat Inc All rights reserved DO NOT ALTER OR REMOVE  
Copyright (c) 2015 (C Free Software Foundation Inc This program is free software  
Copyright (c) 2015 Oracle Inc DO NOT ALTER OR REMOVE  
Copyright (c) 2015-2016 SAP SE All rights reserved  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2016 Elie Roux <elie.roux@telecom-bretagne.eu

Copyright (c) 2016 Igalia S.L

Copyright (c) 2016 Intel Corporation Intel Math Library

Copyright (c) 2016 Jean-Philippe Aumasson <jeanphilippe.aumasson@gmail.com

Copyright (c) 2016 Linaro Ltd All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2016 Oracle and or its affiliates All rights reserved ORACLE PROPRIETARY CONFIDENTIAL Use is subject to license terms

Copyright (c) 2016-2017 JetBrains

Copyright (c) 2016-2019 Intel Corporation

Copyright (c) 2016-2019 Red Hat Inc and or its affiliates DO NOT ALTER OR REMOVE

Copyright (c) 2016-2019 SAP SE and or its affiliates All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2016-2020 OASIS Open

Copyright (c) 2017 Instituto de Pesquisas Eldorado All rights reserved

Copyright (c) 2017 Instituto de Pesquisas Eldorado All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2017 JRuby Team

Copyright (c) 2017 Unicode Inc Unicode and the Unicode Logo are registered trademarks of Unicode Inc in the U.S and other countries For terms of use see <http://www.unicode.org/terms>

Copyright (c) 2017-2019 Red Hat Inc and or its affiliates

Copyright (c) 2018 Adobe Inc

Copyright (c) 2018 Amazon and or its affiliates All rights reserved

Copyright (c) 2018 Cavium All rights reserved

Copyright (c) 2018 Ebrahim Byagowi

Copyright (c) 2018 Google LLC All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2018 Khaled Hosny

Copyright (c) 2018 SAP AG Walldorf Germany DO NOT ALTER OR REMOVE

Copyright (c) 2018 SAP DO NOT ALTER OR REMOVE

Copyright (c) 2018 SAP and or its affiliates All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2018 SAP and or its affiliates DO NOT ALTER OR REMOVE

Copyright (c) 2018-2019 Azul Systems Inc and are made available on the same license terms set forth above

Copyright (c) 2018-2019 Cosmin Truta

Copyright (c) 2018-2019 Cosmin Truta PNG

Copyright (c) 2018-2019 SAP All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2018-2020 Google and or its affiliates All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2018-2021 Arm Limited All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2019 (C) JetBrains

Copyright (c) 2019 Amazon.com Inc or its affiliates All Rights Reserved DO NOT ALTER OR REMOVE

Copyright (c) 2019 Loongson Technology Co Ltd All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2019-2020 (C) by Nikhil Ramakrishnan David Turner Robert Wilhelm and Werner Lemberg

Copyright (c) 2019-2020 Azul Systems Inc All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2019-2020 BELLSOFT All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2019-2020 Huawei Technologies Co Ltd All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2019-2021 Azul Systems

Copyright (c) 2020 (C) THL

Copyright (c) 2020 NTT DATA DO NOT ALTER OR REMOVE

Copyright (c) 2020-2021 Amazon.com Inc or its affiliates All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2021 Amazon and or its affiliates All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) 2021 Dynatrace LLC All rights reserved DO NOT ALTER OR REMOVE

Copyright (c) BELLSOFT All rights reserved

### **Copyright: bcprov-jdk15on 1.69b04**

Copyright (c) 2000-2021 The Legion of the Bouncy Castle Inc (<https://www.bouncycastle.org>)

Copyright (c) 2011 Tim Buktu (tbuktu@hotmail.com)

Copyright (c) Dr B R Gladman (gladman@seven77.demon.co.uk and Sam Simpson (s.simpson@mia.co.uk)

Copyright (c) ECFieldElement A1

Copyright (c) IntegerPolynomial IntegerPolynomial

Copyright (c) Nat224.isOne

### **Copyright: commons-codec 1.13**

Copyright (c) 2002-2019 The Apache Software Foundation

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

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

Copyright (c) 2004-2006 Intel Corporation

### **Copyright: commons-fileupload 1.4**

Copyright (c) 2002 - 2018 The Apache Software Foundation

Copyright (c) 2006 Google Inc.

Copyright (c) 1998 - 2004 - Erik Arvidsson |

Copyright (c) 2021 Software AG, Darmstadt, Germany

Copyright (c) 2012 Twitter, Inc.  
Copyright (c) 2005 Olivier Parent  
Copyright (c) 2005 Mark Doliner

**Copyright: eclipse 4.15**

Copyright (c) 1999-2020 OSGi Alliance (2012)  
Copyright (c) 1990-2020 OSGi Alliance (2002,  
Copyright (c) 1996-2020 OSGi Alliance (2016)  
Copyright (c) 1995-2020 OSGi Alliance (2013,  
Copyright (c) 1991-2020 OSGi Alliance (2017,  
Copyright (c) 2000-2020 OSGi Alliance (2014,  
Copyright (c) 2000-2020 OSGi Alliance (2006,  
Copyright (c) 1999-2020 OSGi Alliance (2011,  
Copyright (c) 2000-2020 OSGi Alliance (2014)  
Copyright (c) 1999-2020 OSGi Alliance (2012,  
Copyright (c) 1999-2020 OSGi Alliance (2008,  
Copyright (c) 1996-2020 OSGi Alliance (2016,  
Copyright (c) 1996-2020 -2016 The Chromium Authors  
Copyright (c) 1999-2020 OSGi Alliance (2010,  
Copyright (c) 2008 VeriSign, Inc.  
Copyright (c) 1990-2020 OSGi Alliance (2007,  
Copyright (c) 1991-2020 OSGi Alliance (2017)  
Copyright (c) Microsoft Corporation  
Copyright (c) 1990-2020 OSGi Alliance (2009,  
Copyright (c) 2014-2018 Eike Stepper (Loehne, Germany) and others  
Copyright (c) 1999-2020 OSGi Alliance (2011)  
Copyright (c) 1999-2020 ,2013 IBM Corporation and others  
Copyright (c) 2016-2020 TypeFox and others  
Copyright (c) 1996-2020 OSGi Alliance (2005,  
Copyright (c) 1996-2020 OSGi Alliance (2000,  
Copyright (c) 2000-2013 oracle  
Copyright (c) 2017-2019 Kichwa Coders Ltd. and others  
Copyright (c) 1995-2020 Mort Bay Consulting Pty Ltd and others  
Copyright (c) 1991-2019 OSGi Alliance (2004,  
Copyright (c) 1970-2020 6 IBM Corporation and others  
Copyright (c) 1993-2020 IBM Corporation and others  
Copyright (c) 2007-2018 Einar Lielmanis, Liam Newman, and contributors  
Copyright (c) 2010-2019 The Eclipse Foundation and others  
Copyright (c) 1991-2019 OSGi Alliance (2001,  
Copyright (c) 2009-2014 Mozilla Foundation and contributors  
Copyright (c) 2009-2017 The Chromium Authors  
Copyright (c) 2000-2011 INRIA, France Telecom  
Copyright (c) 1997-2020 Feb. 2, Liferay, Inc.  
Copyright (c) 2016-2019 and later Unicode, Inc. and others  
Copyright (c) 2002-2016 The Closure Compiler  
Copyright (c) 2005-2018 The Guava Authors  
Copyright (c) 2005-2006 Eteration A.S. and others  
Copyright (c) 1998-2019 Oracle  
Copyright (c) 1997-2005 W3C (MIT, ERCIM, Keio)  
Copyright (c) 2004-2018 Tasktop Technologies and others  
Copyright (c) 1994-2016 Sun Microsystems, Inc.  
Copyright (c) 2004-2019 Compositent, Inc. and others  
Copyright (c) International Organization  
Copyright (c) 2005-2019 BEA Systems, Inc.  
Copyright (c) 2002 Landmark Graphics Corp  
Copyright (c) 1997-1999 the Initial Developer  
Copyright (c) 2006-2017 Shawn O. Pearce <spearce@spearce.org>  
Copyright (c) 2000-2020 Eclipse  
Copyright (c) 2007-2020 Sonatype, Inc.  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)  
Copyright (c) 2015-2018 Eike Stepper (Berlin, Germany) and others  
Copyright (c) 2006-2018 Robin Rosenberg <robin.rosenberg@dewire.com>  
Copyright (c) 1996 Aki Yoshida  
Copyright (c) 2003 Center for Intelligent Information Retrieval, University of Massachusetts, Amherst  
Copyright (c) 2010 Oracle and others. br  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2001-2009 Anders Moeller  
Copyright (c) 2000-2018 Eclipse contributors and others.  
Copyright (c) 1995-2016 International Business Machines Corporation and others  
Copyright (c) 2008-2015 IONA Technologies PLC  
Copyright (c) 2000-2016 International Business Machines Corporation  
Copyright (c) 2008 Marek Zawirski <marek.zawirski@gmail.com>  
Copyright (c) 2007-2019 Chase Technology Ltd  
Copyright (c) 2009-2019 Red Hat  
Copyright (c) 2000-2020 Red Hat Inc. and others  
Copyright (c) 2019 Gradle Inc.  
Copyright (c) 2004-2019 Sybase, Inc. and others  
Copyright (c) 2017-2020 Remain Software  
Copyright (c) 2012-2017 Pivotal Software, Inc., IBM Corporation, and others  
Copyright (c) 2012-2018 Joyent, Inc.  
Copyright (c) Sindre Sorhus (<https://sindresorhus.com>)  
Copyright (c) 2001 Dr Martin Porter  
Copyright (c) 2002 Richard Boulton  
Copyright (c) 2009-2016 Daniel Lemire, Cliff Moon, David McIntosh, Robert Becho, Google Inc., Veronika Zenz, Owen Kaser, Gregory Ssi-Yan-Kai, Rory Graves  
Copyright (c) jQuery Foundation and other contributors  
Copyright (c) 2012-2015 Yusuke Suzuki <utatane.tea@gmail.com>  
Copyright (c) 2017-2020 Thomas Wolf <thomas.wolf@paranor.ch> and others  
Copyright (c) 2014 Dr David H. Akehurst (itemis)  
Copyright (c) 2007 Eclipse Foundation, Inc.  
Copyright (c) 2012-2019 SAP SE and others  
Copyright (c) 2010 Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>  
Copyright (c) 2006 Dawid Weiss  
Copyright (c) 2007-2011 Dawid Weiss, Marcin Milkowski  
Copyright (c) 2011 Zygmunt Saloni, Włodzimierz Gruszczynski, Marcin Wolinski, Robert Wolosz  
Copyright (c) 2009 by www.imdict.net  
Copyright (c) 2000-2020 IBM Corp.  
Copyright (c) 2005 Jacques Savoy  
Copyright (c) 2014-2019 Manumitting Technologies Inc and others  
Copyright (c) 2004-2018 Dec 5, Liferay, Inc.  
Copyright (c) 2007-2018 WSO2 Inc. and others  
Copyright (c) 1997-2018 Oracle and/or its affiliates  
Copyright (c) 2011-2012 GitHub Inc.  
Copyright (c) 2008-2018 by SAP AG, Walldorf  
Copyright (c) 2007 Dave Watson <dwatson@mimvista.com>  
Copyright (c) 1997-2019 The Apache Software Foundation  
Copyright (c) 2018-2019 Microsoft Corporation and others  
Copyright (c) JS Foundation and other contributors, <https://js.foundation>  
Copyright (c) 2009-2011 Ed Merks and others  
Copyright (c) 1995-2018 Mort Bay Consulting Pty Ltd.  
Copyright (c) Mort Bay Consulting Pty Ltd  
Copyright (c) 2000-2016 IBM Corporation and others. br  
Copyright (c) 2008-2019 Angelo Zerr and others  
Copyright (c) 2014-2017 Vitaly Puzrin and Andrey Tupitsin  
Copyright (c) 2010-2011 Daniel Doubrovkine  
Copyright (c) 2004-2010 Comopent, Inc.  
Copyright (c) by the Free Software Foundation  
Copyright (c) 1989-1999 Free Software Foundation, Inc.  
Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors  
Copyright (c) 2001-2018 Standards for Technology in Automotive Retail and others  
Copyright (c) 2004-2014 Actuate Corporation  
Copyright (c) 1999-2003 IBM Corporation., <http://www.ibm.com>  
Copyright (c) 1999-2002 Sun Microsystems., <http://www.sun.com>  
Copyright (c) W3C  
Copyright (c) 2019 Ed Scadding  
Copyright (c) 2012-2020 Pivotal Software, Inc.  
Copyright (c) 1999-2009 OW2 Consortium <<http://www.ow2.org>></http:>  
Copyright (c) 2011 The Closure Compiler Authors  
Copyright (c) by W3C  
Copyright (c) 2006-2020 Mountainminds GmbH & Co. KG and Contributors  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2013-2019 Angelo ZERR.  
Copyright (c) 2007-2020 SAP AG and others  
Copyright (c) 2006-2017 Google Inc.  
Copyright (c) 2000-2019 QNX Software Systems and others  
Copyright (c) 2008-2018 SAP AG  
Copyright (c) 2010-2012 Dariusz Luksza <dariusz@luksza.org>  
Copyright (c) 2002-2019 Pivotal, Inc.  
Copyright (c) 2018-2020 ArSysOp and others  
Copyright (c) 2011-2019 Stephan Herrmann and others  
Copyright (c) 2010-2011 Jens Baumgart <jens.baumgart@sap.com>  
Copyright (c) 1996-2019 IBM Corporation  
Copyright (c) 2008-2019 Google Inc. and others  
Copyright (c) 2005-2017 Eteration A.S. and Gorkem Ercan  
Copyright (c) 1999-2013 QOS.ch  
Copyright (c) 2004-2019 David Green and others  
Copyright (c) 2008-2020 Mort Bay Consulting Pty Ltd and others. Bundle-DocURL <http://www.eclipse.org/jetty>  
Copyright (c) Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors  
Copyright (c) 2009-2019 Matthias Sohn <matthias.sohn@sap.com>  
Copyright (c) 2009-2010 Shane Clarke and others  
Copyright (c) 2007-2019 Ecliptical Software Inc. and others  
Copyright (c) 2000-2020 Eclipse contributors and others  
Copyright (c) 2014-2015 Takari, Inc.  
Copyright (c) Isaac Z. Schlueter and Contributors  
Copyright (c) 2012-2013 Tobias Wolf  
Copyright (c) 2012-2019 Stefan Seelmann and others  
Copyright (c) 2014-2018 Jon Schlinkert  
Copyright (c) 2012-2014 Chris Talkington  
Copyright (c) 2015-2018 Salesforce.com, Inc.  
Copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>  
Copyright (c) 2005-2019 Red Hat Inc.  
Copyright (c) 2011 Mark Cavage <mcavage@gmail.com>  
Copyright (c) 2015-2020 Thomas Wolf <thomas.wolf@paranor.ch>  
Copyright (c) 2001-2015 BEA Systems and others  
Copyright (c) 1994-2002 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 2008 Roger C. Soares <rogersoares@intelinet.com.br>  
Copyright (c) 2006-2009 Hampton Catlin, Natalie Weizenbaum, and Chris Eppstein // <http://sass-lang.com>  
Copyright (c) 2002-2019 Object Factory Inc.  
Copyright (c) 2004-2009 Sybase, Inc.  
Copyright (c) 2019 Yatta Solutions and others  
Copyright (c) 2011-2020 GK Software AG and others  
Copyright (c) 1993 Geoff Kuenning, Granada Hills, CA /  
Copyright (c) 2001-2005 - International Business Machines Corporation and Microsoft Corporation  
Copyright (c) 2007-2017 Timothy Wall  
Copyright (c) 1999-2001 Sun Microsystems, Inc. San Antonio Road, Palo Alto, CA U.S.A.  
Copyright (c) 2009-2019 Red Hat, Inc.  
Copyright (c) 2015-2016 Max Rydahl Andersen and others  
Copyright (c) 2006 Oracle INSTANCE  
Copyright (c) redefine the model group  
Copyright (c) jQuery Foundation and other contributors <<https://jquery.org>></https:>  
Copyright (c) 2014-2020 Red Hat Inc., and others  
Copyright (c) 2000-2018 ymnk, JCraft, Inc.  
Copyright (c) 2005-2018 Intel Corporation and others  
Copyright (c) 2010-2020 itemis AG (<http://www.itemis.eu>) and others  
Copyright (c) 2004-2016 Frank Becker and others  
Copyright (c) 2005-2019 Red Hat, Inc. and others  
Copyright (c) 2008-2019 vogella GmbH and others  
Copyright (c) 2008-2019 BestSolution.at and others  
Copyright (c) 2008-2019 EclipseSource and others  
Copyright (c) 2005-2019 BEA Systems, Inc. and others  
Copyright (c) 2000-2005 Sun Microsystems, Inc., San Antonio Road, Palo Alto, California U.S.A.  
Copyright (c) 2008-2020 Sonatype, Inc. and others  
Copyright (c) 2006-2018 Wind River Systems and others  
Copyright (c) 2009-2019 Tasktop Technologies  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2010-2019 Pivotal Software, Inc. and others  
Copyright (c) 2004-2019 Compositent, Inc., IBM and others  
Copyright (c) 2010-2011 Chris Aniszczyk <caniszczyk@gmail.com>  
Copyright (c) 2004-2015 Mylyn project  
Copyright (c) 2004-2020 Eclipse Foundation and others  
Copyright (c) 2009 Igor Fedorenko <igor@ifedorenko.com>  
Copyright (c) 2007 Wayne Meissner  
Copyright (c) Nat224.isOne  
Copyright (c) 2009-2014 Stefan Lay <stefan.lay@sap.com>  
Copyright (c) 2000-2018 Wind River Systems, Inc. and others  
Copyright (c) 2011 Gary Court  
Copyright (c) 2014-2018 Simon Lydell  
Copyright (c) 2011-2018 WindRiver Corporation and others  
Copyright (c) 2009-2012 Red Hat and Others  
Copyright (c) 2014-2019 Rapicorp Corporation and others  
Copyright (c) 2000-2015 - The Legion of the Bouncy Castle Inc. (<http://www.bouncycastle.org>)  
Copyright (c) 2009-2010 Shane Clarke. br  
Copyright (c) 2014 Stuart Knightley, David Duponchel  
Copyright (c) 2001-2007 - W3C, Standards for Technology in Automotive Retail, and others  
Copyright (c) 2014 Ivan Nikulin <ifaaan@gmail.com>  
Copyright (c) 2015-2018 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors  
Copyright (c) Adam Voss  
Copyright (c) 2007-2008 Chase Technology Ltd - a <http://www.chasetechnology.co.uk> <http://www.chasetechnology.co.uk/a> . br  
Copyright (c) 2004-2008 Daniel Le Berre  
Copyright (c) 2015 Stephan Hackstedt <stephan.hackstedt@googlemail.com>  
Copyright (c) 2013-2019 GK Software AG, and others  
Copyright (c) 2009 JetBrains s.r.o.  
Copyright (c) 2000-2010 hamcrest.org  
Copyright (c) 2009-2019 Shane Clarke  
Copyright (c) 2008-2019 EclipseSource Corporation and others  
Copyright (c) 2009-2010 IBM, and others  
Copyright (c) 2005-2020 Cognos Incorporated, IBM Corporation and others  
Copyright (c) 2010-2013 SAP AG.  
Copyright (c) 1998-2002 W3C (MIT, INRIA, Keio)  
Copyright (c) 2005 Eteration A.S. and others. br  
Copyright (c) 2002-2004 Eteration Bilisim A.S. Naci Dai and others  
Copyright (c) 2010-2019 Robin Stocker <robin@nibor.org> and others  
Copyright (c) 2000-2007 Jason Hunter & Brett McLaughlin  
Copyright (c) 2014-2019 Google Inc and others  
Copyright (c) OpenJS Foundation and other contributors <<https://openjsf.org>></https:>  
Copyright (c) 2018 Andrea Giammarchi, WebReflection  
Copyright (c) 2007-2020 Matthew Hall and others  
Copyright (c) 1994-2002 <http://www.w3.org/> World Wide Web Consortium, <http://www.lcs.mit.edu/> Massachusetts Institute  
Copyright (c) 2007-2014 Compositent Inc., IBM Corp. and others  
Copyright (c) 2010 Philipp Thun <philipp.thun@sap.com>  
Copyright (c) 2005-2018 Oracle Corporation  
Copyright (c) 2008-2019 Freescale Semiconductor and others  
Copyright (c) 2015-2018 Fabio Zadrozny and others  
Copyright (c) 2010 Intalio, Inc. and others  
Copyright (c) 2004-2009 Sun Microsystems  
Copyright (c) 2004 World Wide Web Consortium, (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)  
Copyright (c) 1999-2016 Apache Software Foundation  
Copyright (c) 2009-2010 Kenn Hussey and others. br  
Copyright (c) 2009-2018 Cloudsmith Inc. and others  
Copyright (c) 2010-2019 Matthias Sohn <matthias.sohn@sap.com> and others  
Copyright (c) 2000-2011 IBM Corporation, Red Hat, and others  
Copyright (c) WSO2  
Copyright (c) 2006-2020 Shawn O. Pearce <spearce@spearce.org> and others  
Copyright (c) 2010-2019 Dariusz Luksza <dariusz@luksza.org> and others  
Copyright (c) 2014-2019 Raymond Auge and others  
Copyright (c) 1999-2002 Lotus Development Corporation., <http://www.lotus.com>  
Copyright (c) 2002-2020 the original author or authors  
Copyright (c) 2015-2019 Mykola Nikishov  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2008-2009 Mateusz Matela, IBM Corporation and others  
Copyright (c) 2011-2019 Igor Fedorenko  
Copyright (c) 2001-2018 Oracle Corporation and others  
Copyright (c) 2008 Red Hat Middleware LLC, and individual contributors by the authors  
Copyright (c) Ljava/lang/StringBuilder Eorg/eclipse/mylyn/wikitext/parser/markup/PatternBasedElementProcessor group  
Copyright (c) 1991-1998 Thomas G. Lane  
Copyright (c) holder, Aladdin Enterprises of Menlo Park  
Copyright (c) by M.I.T.  
Copyright (c) property of CompuServe Incorporated  
Copyright (c) 2009-2020 Alexis Sellier <self@cloudhead.net>  
Copyright (c) 2008-2015 Pivotal Labs  
Copyright (c) Sindre Sorhus  
Copyright (c) Facebook, Inc. and its affiliates  
Copyright (c) 1998-2000 World Wide Web Consortium (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 2013 Nathan Rajlich <nathan@tootallnate.net>  
Copyright (c) 2009 Mykola Nikishov <mn@mn.com.ua>  
Copyright (c) 2012-2015 Laurent Goubet <laurent.goubet@obeo.fr>  
Copyright (c) 2010-2019 Mathias Kinzler <mathias.kinzler@sap.com> and others  
Copyright (c) 2009-2010 - Cloudsmith Inc. and others  
Copyright (c) 2006-2013 Wind River Systems, IBM Corporation and others  
Copyright (c) 2006-2011 the V8 project authors  
Copyright (c) 2000-2015 IBM Corp  
Copyright (c) 2011-2014 Red Hat, Inc. and others -  
Copyright (c) 1996-2016 Google, International Business Machines Corporation and others  
Copyright (c) 2011-2020 GitHub Inc. and others  
Copyright (c) 2011-2015 Robin Stocker <robin@nibor.org>  
Copyright (c) 2004-2015 Willian Mitsuda and others  
Copyright (c) 1999 TaBE Project  
Copyright (c) 1999 Pai-Hsiang Hsiao  
Copyright (c) 1999 Computer Systems and Communication Lab, Institute of Information Science, Academia Sinica  
Copyright (c) 1996 Chih-Hao Tsai Beckman Institute, University of Illinois c-tsai4@uiuc.edu <http://casper.beckman.uiuc.edu/~c-tsai4>  
Copyright (c) 2000-2003 Nara Institute of Science and Technology  
Copyright (c) 2013 Brian Eugene Wilson, Robert Martin Campbell  
Copyright (c) 2013 LeRoy Benjamin Sharon  
Copyright (c) 2002-2003 Stefan Haustein, Oberhausen, Rhld., Germany  
Copyright (c) 2019-2020 Kichwa Coders Canada Inc. and others  
Copyright (c) 2011-2019 Google, Inc. and others  
Copyright (c) 2017 Rogue Wave Software Inc. and others  
Copyright (c) 2019 Lakshminarayana  
Copyright (c) 2001 DevelopMentor  
Copyright (c) 2001 W3C (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 2016-2019 Jon Schlinkert (<https://github.com/jonschlinkert>)  
Copyright (c) 2007 Robin Rosenberg <me@lathund.dewire.com>  
Copyright (c) 2009-2020 Christian Halstrick <christian.halstrick@sap.com> and others  
Copyright (c) 2008 Florian Koberle <florianskarten@web.de> and others  
Copyright (c) 2006-2019 Ingres Corporation and others  
Copyright (c) 2009-2019 Red Hat and others  
Copyright (c) 2008-2019 Mateusz Matela and others  
Copyright (c) 2006-2011 Oracle contributors and others  
Copyright (c) 2016-2019 Microsoft  
Copyright (c) 2010-2018 Google, Inc and others  
Copyright (c) Joyent, Inc. and other Node contributors  
Copyright (c) 2008 Doug Satchwell (Chase Technology Ltd), David Carver (Standards for Technology in Automotive Retail) and others  
Copyright (c) 2007-2018 compeople AG and others  
Copyright (c) 2014-2015 Obeo. and others  
Copyright (c) 2008-2019 Robin Rosenberg <robin.rosenberg@dewire.com> and others  
Copyright (c) 2006-2011 Ben Konrath <ben@bagu.org>  
Copyright (c) 2012-2017 Jeremie Bresson and others  
Copyright (c) 2013-2019 Angelo ZERR and others  
Copyright (c) 2000 Example.com  
Copyright (c) 2014 Martin Steiger  
Copyright (c) 2015 Goldstein Lyor  
Copyright (c) 2009 The JSR-330 Expert Group  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2009-2018 Texas Instruments and others  
Copyright (c) 2009-2015 Christian Halstrick <christian.halstrick@sap.com>  
Copyright (c) 1990-2009 Adobe Systems Incorporated  
Copyright (c) 2013-2017 Obeo  
Copyright (c) 2008-2017 - Oracle Corporation  
Copyright (c) 2011-2017 - Oracle and/or its affiliates  
Copyright (c) 2005-2018 BEA Systems, Inc and others  
Copyright (c) 2015-2019 present Angelo Zerr and others  
Copyright (c) 2010-2018 EclipseSource Inc. and others  
Copyright (c) 2002-2019 GEBIT Gesellschaft fuer EDV-Beratung und Informatik-Technologien mbH, Berlin, Duesseldorf, Frankfurt (Germany) and others  
Copyright (c) 2011-2012 Markus Duft <markus.duft@salomon.at>  
Copyright (c) 2010-2016 Mathias Kinzler <mathias.kinzler@sap.com>  
Copyright (c) 2014-2019 Maik Schreiber  
Copyright (c) 2018-2019 Salesforce. and others  
Copyright (c) 2015-2016 OPCoach  
Copyright (c) 2012-2017 Pivotal Software, Inc. and IBM Corporation  
Copyright (c) 2005 Versant Corporation and others  
Copyright (c) 2010-2019 Andrea Guarinoni and others  
Copyright (c) 2007 Composit Inc., IBM Corp, and others  
Copyright (c) 2011 Other Name other@example.org  
Copyright (c) 2011 Stephan Herrmann  
Copyright (c) 2008-2020 Mort Bay Consulting Pty Ltd and others. Bundle-DocURL <http://www.eclipse.org/jetty> Import-Package  
Copyright (c) 2009 codehaus.org  
Copyright (c) 2013 Red Hat, Inc. and/or its subsidiaries or affiliates  
Copyright (c) Ljava/lang/StringBuilder (Ljava/lang/String )V group  
Copyright (c) 2010-2015 Sonatype, Inc. and others Bundle-Vendor Eclipse Sisu Bundle-DocURL <http://www.eclipse.org/sisu>  
Copyright (c) . Replacement  
Copyright (c) 2014 Eike Stepper (Loehne, Germany) and others. br  
Copyright (c) JS Foundation and other contributors  
Copyright (c) 2009-2016 Stuart Knightley <stuart at stuartk.com>  
Copyright (c) 1997-2007 Simon Tatham  
Copyright (c) Robert de Bath, Joris van Rantwijk, Delian Delchev, Andreas Schultz, Jeroen Massar, Wez Furlong, Nicolas Barry, Justin Bradford, Ben Harris, Malcolm Smith, Ahmad Khalifa, Markus Kuhn, and CORE SDI S.A.  
Copyright (c) 2013-2016 Dulin Marat and other contributors  
Copyright (c) 2013 Alex Seville <hi@alexanderseville.com>  
Copyright (c) 2014 Thiago de Arruda <tpadilha84@gmail.com>  
Copyright (c) 2012-2015 Acorn  
Copyright (c) 2014-2015 various  
Copyright (c) 2014-2015 Sebastian McKenzie <sebmck@gmail.com>  
Copyright (c) jQuery Foundation, Inc. and Contributors  
Copyright (c) 2014 Ingvar Stepanyan  
Copyright (c) 2018 Andrea Giammarchi, (ISC)  
Copyright (c) 2007 Kris Zyp SitePen ([www.sitepen.com](http://www.sitepen.com))  
Copyright (c) 2014 Jonathan Ong  
Copyright (c) 2011-2017 TJ Holowaychuk <tj@vision-media.ca>  
Copyright (c) Isaac Z.  
Copyright (c) 2005-2010 Orangevolt ([www.orangevolt.com](http://www.orangevolt.com))  
Copyright (c) 2005-2019 Gunnar Wagenknecht and others  
Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>  
Copyright (c) 2011 Einar Otto Stangvik <einaros@gmail.com>  
Copyright (c) Mathias Bynens <<https://mathiasbynens.be>></https:>  
Copyright (c) George Zahariev  
Copyright (c) 1998 Sun Microsystems, Inc. San Antonio Road, Palo Alto, California, U.S.A.  
Copyright (c) 2002-2005 - QNX Software Systems and others  
Copyright (c) 2006-2019 Tom Schindl and others  
Copyright (c) 2016-2020 Till Brychcy and others  
Copyright (c) 2013-2019 GK Software AG.  
Copyright (c) 2002-2005 Eteration Bilisim A.S.  
Copyright (c) 2017 Walmartlabs  
Copyright (c) 1991-2019 Unicode, Inc.  
Copyright (c) 2012-2013 Gunnar Wagenknecht <gunnar@wagenknecht.org>  
Copyright (c) 2015-2017 Stefan Dirix <sdirix@eclipsesource.com>  
Copyright (c) 2002-2019 IBM Corporation, CEA, and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2017-2019 GK Software SE, and others  
Copyright (c) 2019-2020 Fabrice TIERCELIN and others  
Copyright (c) 2020 Jens Lidestrom and others  
Copyright (c) 2018-2019 Google LLC. and others  
Copyright (c) 2006-2011 Steffen Pingel and others  
Copyright (c) 2004-2013 Eugene Kuleshov and others  
Copyright (c) 2018-2019 Julian Honnen  
Copyright (c) 2006-2015 - IBM Corporation and others  
Copyright (c) 1991-1999 - Rational Software Corporation  
Copyright (c) 2010-2015 Chris Aniszczuk and others  
Copyright (c) 2006-2013 SAP AG, Walldorf  
Copyright (c) 2016 Simon Scholz and others  
Copyright (c) 2000-2019 IBM Corp. and others  
Copyright (c) 2002-2012 OASIS Open  
Copyright (c) 2002-2019 IBM Corporation, Beacon Information Technology Inc. and others  
Copyright (c) 2009-2015 Oracle and others  
Copyright (c) 2008-2014 Red Hat, Inc and others  
Copyright (c) Isaac Z. Schlueter  
Copyright (c) 2012-2019 the Dart project authors  
Copyright (c) 2018 Luis Copetti <lhcopetti@gmail.com>  
Copyright (c) 2012 Wind River and others  
Copyright (c) 2010-2020 Darmstadt University of Technology and others  
Copyright (c) 2016 Laurent Delaigue <laurent.delaigue@obeo.fr> and others  
Copyright (c) 2010 Kinzler <mathias.kinzler@sap.com>  
Copyright (c) 2008-2009 Johannes E. Schindelin <johannes.schindelin@gmx.de> and others  
Copyright (c) 2004 France Telecom,  
Copyright (c) 1995-2013 Jean-loup Gailly and Mark Adler  
Copyright (c) 2005-2019 Shawn Pearce and others  
Copyright (c) 2008-2019 Lars Vogel and others  
Copyright (c) 2002-2019 Sybase and others  
Copyright (c) 2009-2010 Progress Software  
Copyright (c) 2007-2015 Sonatype, Inc and others  
Copyright (c) 2000-2016 IBM  
Copyright (c) 2003-2018 - Wind River Systems, Inc. and others  
Copyright (c) 1997 Niels Provos <provos@physnet.uni-hamburg.de>  
Copyright (c) 2013 Ted Unangst <tedu@openbsd.org>  
Copyright (c) 2016 Joyent Inc  
Copyright (c) 1994-2002 <http://www.w3.org/> World Wide Web Consortium, ( <http://www.lcs.mit.edu/> Massachusetts Institute of Technology, <http://www.inria.fr/> Institut National de Recherche en Informatique et en Automatique, <http://www.keio.ac.jp/> Keio University )  
Copyright (c) 2005-2020 Shawn Pearce, Robin Rosenberg, et.al  
Copyright (c) 2017 Emmet.io  
Copyright (c) 2019 TypeScript ESLint and other contributors  
Copyright (c) 2015 JD Ballard  
Copyright (c) Sindre Sorhus (<http://sindresorhus.com>)  
Copyright (c) 2016 Zeit, Inc.  
Copyright (c) Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors <<http://underscorejs.org>></http:>  
Copyright (c) 2013 Andrey Sitnik <andrey@sitnik.ru>  
Copyright (c) 2015-2016 Adam Marcionek  
Copyright (c) 2007-2015 Brad Reynolds and others  
Copyright (c) 2009-2020 Ovidio Mallo and others  
Copyright (c) 2012-2018 Dirk Fauth and others  
Copyright (c) 2011-2016 GitHub Inc and others  
Copyright (c) 2008-2009 Tor Arne Vestbo <torarnv@gmail.com>  
Copyright (c) 2009-2013 Robin Rosenberg and others  
Copyright (c) 2009-2010 Kenn Hussey and others  
Copyright (c) 2019 Jan. Liferay, Inc.  
Copyright (c) 2014-2018 Rapicorp, Inc and others  
Copyright (c) 2006-2018 Cloudsmith Inc.  
Copyright (c) 2008-2009 Jonas Fonseca <fonseca@diku.dk>  
Copyright (c) 2006-2007 BEA Systems, Inc  
Copyright (c) 2014-2016 SAS Institute and others  
Copyright (c) 2007-2008 SAS Institute, Inc. and others  
Copyright (c) 2007-2018 WSO2 Inc and others  
Copyright (c) 2015-2016 Anton Tanasenko  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2003-2006 Objenesis Team and all contributors  
Copyright (c) 2008 Google Inc. <http://code.google.com/apis/protocolbuffers>  
Copyright (c) 2002-2015 Atsuhiko Yamanaka, JCraft, Inc.  
Copyright (c) 1996 by Scott Hudson, Frank Flannery, C. Scott Ananian  
Copyright (c) 2001-2002 <<http://bcel.sourceforge.net>> <<http://jakarta.apache.org/bcel>>  
Copyright (c) 2002 Kevin Atkinson ([kevina@gnu.org](mailto:kevina@gnu.org))  
Copyright (c) 2008 Alexander Beider & Stephen P. Morse  
Copyright (c) 2012 Codetrails UG and others  
Copyright (c) 2011 Intalio Inc and others  
Copyright (c) 2000-2019 The Legion of the Bouncy Castle Inc. (<http://www.bouncycastle.org>)  
Copyright (c) 2005-2019 BEA Systems Inc. and others  
Copyright (c) 1993 Geoff Kuenning, Granada Hills, CA  
Copyright (c) 2008 Imran M Yousuf <[imyousuf@smartitengineering.com](mailto:imyousuf@smartitengineering.com)>  
Copyright (c) 2005-2007 BEA Systems, Inc. and others. br  
Copyright (c) 2007 BEA Systems, Inc. br  
Copyright (c) 2009 Progress Software Inc  
Copyright (c) 2006-2018 Google, Inc.  
Copyright (c) 2008-2014 Eclipse contributors and others -  
Copyright (c) 2013 Stefan Seelmann  
Copyright (c) 2008-2018 Wind River Systems, Inc.  
Copyright (c) 2011-2012 Mark Cavage  
Copyright (c) 2003-2009 Tom Wu  
Copyright (c) 2014-2018 Kaloyan Raev and others  
Copyright (c) 2001-2005 International Business Machines Corporation and Microsoft Corporation  
Copyright (c) 2001-2005 The Organization for the Advancement of Structured Information Standards OASIS  
Copyright (c) 2001 The Internet Society and W3C (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 2008-2013 Jesper Steen Moeller and others  
Copyright (c) Doug Satchwell  
Copyright (c) 2009-2017 - <https://jhy.io/> Jonathan Hedley  
Copyright (c) 2009-2018 -  
Copyright (c) 2015 Michael Freeman  
Copyright (c) 2017 Matthias Blasing  
Copyright (c) 2004-2017 Richard Hoefter and others  
Copyright (c) 2012-2019 Christian Pontesegger and others  
Copyright (c) 2019 IBM, Comosent Inc. and others  
Copyright (c) 2011 Bernard Leach <[leachbj@bouncycastle.org](mailto:leachbj@bouncycastle.org)>  
Copyright (c) 2012-2013 Francois Rey  
Copyright (c) 2010 Edwin Kempin <[edwin.kempin@sap.com](mailto:edwin.kempin@sap.com)>  
Copyright (c) 2007 Jing Xue <[jingxue@digizenstudio.com](mailto:jingxue@digizenstudio.com)>  
Copyright (c) 2019 Alexander Nittka <[alex@nittka.de](mailto:alex@nittka.de)> and others  
Copyright (c) 2010 Benjamin Muskalla <[bmuskalla@eclipsesource.com](mailto:bmuskalla@eclipsesource.com)>  
Copyright (c) 2014 Andreas Hermann <[a.v.hermann@gmail.com](mailto:a.v.hermann@gmail.com)>  
Copyright (c) 2010-2019 Chris Aniszczyk <[caniszczyk@gmail.com](mailto:caniszczyk@gmail.com)> and others  
Copyright (c) 2011 Tomasz Zarna <[Tomasz.Zarna@pl.ibm.com](mailto:Tomasz.Zarna@pl.ibm.com)> and others  
Copyright (c) 2015 Kaloyan Raev <[kaloyan.r@zend.com](mailto:kaloyan.r@zend.com)> and others  
Copyright (c) 2015 Ivan Motsch <[ivan.motsch@bsiag.com](mailto:ivan.motsch@bsiag.com)>  
Copyright (c) 2012 Research In Motion Limited and others  
Copyright (c) 2008 Thad Hughes <[thadh@thad.corp.google.com](mailto:thadh@thad.corp.google.com)> and others  
Copyright (c) 2008 Mike Ralphson <[mike@abacus.co.uk](mailto:mike@abacus.co.uk)>  
Copyright (c) 2016-2017 Angelo Zerr  
Copyright (c) 2008-2009 Chase Technology Ltd and others  
Copyright (c) 2004-2009 Sybase, Inc. and others. br  
Copyright (c) 2004-2007 Sybase, Inc. /p p  
Copyright (c) 2000-2010 Eclipse Contributors and others  
Copyright (c) 2010-2011 Some Name  
Copyright (c) 1998-2007 World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)  
Copyright (c) 2019 Paul Pazderski and others  
Copyright (c) 2006-2011 Red Hat Incorporated  
Copyright (c) 2019-2020 Nicolaj Hoess  
Copyright (c) 2001-2006 The Codehaus Foundation  
Copyright (c) 2008-2013 David Green and others. /  
Copyright (c) 2018 Red Hat Inc and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2000-2015 Eric Rizzo and others  
Copyright (c) 2011-2015 by Vitaly Puzrin  
Copyright (c) 2015-2017 Daniel Widdis  
Copyright (c) 2000-2013 John-Mason P. Shackelford and others  
Copyright (c) 2010-2015 Broadcom Corporation and others  
Copyright (c) 2012-2013 Sebastian Schmidt and others  
Copyright (c) 2009-2013 Robin Rosenberg  
Copyright (c) 2010-2019 Jens Baumgart <jens.baumgart@sap.com> and others  
Copyright (c) 2011-2016 Daniel Megert <daniel\_megert@ch.ibm.com>  
Copyright (c) 2015 SAP SE Christian Georgi  
Copyright (c) 2014-2019 Liferay, Inc.  
Copyright (c) 2010-2020 Jesper Steen Moller and others  
Copyright (c) 2017-2018 David Pursehouse <david.pursehouse@gmail.com> and others  
Copyright (c) 2004-2014 Jeff Pound and others  
Copyright (c) 2009-2015 Jesper Steen Moeller  
Copyright (c) 2002-2010 IBM Corporation, Parasoft and others  
Copyright (c) Ai1  
Copyright (c) CreationDate Creator  
Copyright (c) 2002-2003 mCopyright The Apache Software Foundation  
Copyright (c) 2001-2010 rCopyright The Apache Software Foundation  
Copyright (c) 2015 Zend Technologies Ltd and others  
Copyright (c) 2010 Actuate Corporation CustomData  
Copyright (c) 2005-2011 Actuate Corporation CustomData CustomFilterExpression  
Copyright (c) 2007 Sybase, Inc. br  
Copyright (c) 2010 Composent Inc., IBM and others  
Copyright (c) When contributing  
Copyright (c) YEAR Your Name you@example.org  
Copyright (c) 2014 Gerd Zanker gerd.zanker@web.de  
Copyright (c) 2010 Thorsten Kamann thorsten@kamann.info  
Copyright (c) 2005-2020 EGit project  
Copyright (c) 2011 Hallvard Traetteberg and others. br  
Copyright (c) 2010-2011 - Sonatype, Inc. and others  
Copyright (c) Ljava/lang/StringBuilder projects  
Copyright (c) IBM Corpou  
Copyright (c) 2018 GK Software SE and others  
Copyright (c) 2007 Oracle Corporation INSTANCE ListOfValues  
Copyright (c) 2006 Oracle ERuntimeSource IBeanInstanceSymbol  
Copyright (c) 2006-2008 by Oracle and others  
Copyright (c) 2005-2006 IBM Corporation and others DefaultLocaleType DefaultRenderKitIdType  
Copyright (c) 2001-2007 - Oracle Corporation, IBM Corporation and others  
Copyright (c) 2007 Oracle Corporation DTInfo INSTANCE  
Copyright (c) 2007 Oracle Corporation INSTANCE QuickEditTabSections  
Copyright (c) 2012 International Business Machines Corp.  
Copyright (c) 2016 Red Hat, Inc., and individual contributors ~ by the authors  
Copyright (c) 2001-2006 Codehaus Foundation  
Copyright (c) 2006 Google Inc. Bundle-Description Guice  
Copyright (c) 2009-2011 FuseSource Corp. <http://fusesource.com>  
Copyright (c) 2002 Extreme! Lab, Indiana University  
Copyright (c) 2006 Javolution (<http://javolution.org>)  
Copyright (c) 2001-2003 ThoughtWorks, Inc. W Washington Ave. Suite Chicago, IL USA  
Copyright (c) symbol content / name (tm)  
Copyright (c) 2012-2017 RemainSoftware & Red Hat Inc.  
Copyright (c) Bundle-Vendor eclipse.org Bundle-DocUrl <http://www.eclipse.org>  
Copyright (c) SINCE  
Copyright (c) LineNumberTable LocalVariableTable  
Copyright (c) 2000-2013 IBM Corpo Term Acond  
Copyright (c) 2000-2011 INRIA, France Telecom /  
Copyright (c) 2000-2013 Eclipse contributors  
Copyright (c) 2019 Pivotal Inc and others  
Copyright (c) 2019 Pivotal Inc. and others  
Copyright (c) 2015 The Error Prone  
Copyright (c) 2010-2019 Google LLC. <https://angular.io>  
Copyright (c) 2010 LearnBoost <dev@learnboost.com>  
Copyright (c) 2014 Michael Mclaughlin <M8ch88l@gmail.com>  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2012 Ariya Hidayat <ariya.hidayat@gmail.com>  
Copyright (c) 2019 Denis Pushkarev  
Copyright (c) 2014-2016 Jonathan Ong me@jongleberry.com and Contributors  
Copyright (c) 2012 Nicholas Fisher  
Copyright (c) 2015 Douglas Christopher Wilson  
Copyright (c) 2016 Titus Wormer  
Copyright (c) 2013 Rod Vagg <rod@vagg.org> <https://github.com/rvagg/pr>  
Copyright (c) 2014 Benjamin Tan <<https://d10.github.io>></https:>  
Copyright (c) 2010-2012 Mikeal Rogers  
Copyright (c) Oa  
Copyright (c) 2011-2017 KARASZI Istvan <[github@spam.raszi.hu](mailto:github@spam.raszi.hu)>  
Copyright (c) 2009 John Resig, Jorn Zaefferer  
Copyright (c) 2008 Ariel Flesler  
Copyright (c) 2011 Sebastian Tschan <https://blueimp.net>  
Copyright (c) 1999-2009 Paul Johnston - Other contributors Greg Holt, Andrew Kepert, Ydnar, Lostinet  
Copyright (c) 2007 STAR Standards for Technology in Automotive Retail  
Copyright (c) IBM Corpo  
Copyright (c) 2000-2006 [www.hamcrest.org](http://www.hamcrest.org)  
Copyright (c) 2003-2005 Niklas Een, Niklas Sorensson  
Copyright (c) 2004-2013 Artois University and CNRS  
Copyright (c) 2005-2007 Olivier ROUSSEL and Vasco MANQUINHO  
Copyright (c) 2009 Zeligsoft Corporation and others  
Copyright (c) 2009-2019 Eclipse Contributors  
Copyright (c) 2015-2017 Gautier de Saint Martin Lacaze  
Copyright (c) 2014 Sebastian McKenzie and other contributors  
Copyright (c) 2012-2018 by various contributors  
Copyright (c) 2012 Vitaly Puzrin (<https://github.com/puzrin>)  
Copyright (c) Kevin Martensson <[kevinmartensson@gmail.com](mailto:kevinmartensson@gmail.com)>  
Copyright (c) 2019 Sindre Sorhus <[sindresorhus@gmail.com](mailto:sindresorhus@gmail.com)> (<https://sindresorhus.com>), Paul Miller (<https://paulmillr.com>)  
Copyright (c) Sindre Sorhus (<https://sindresorhus.com>), Paul Miller (<https://paulmillr.com>)  
Copyright (c) 2011 Debuggable Limited <[felix@debuggable.com](mailto:felix@debuggable.com)>  
Copyright (c) Mathias Bynens <<http://mathiasbynens.be>></http:>  
Copyright (c) 2012-2013 Thorsten Lorenz <[thlorenz@gmx.de](mailto:thlorenz@gmx.de)>  
Copyright (c) 2012 James Halliday <[mail@substack.net](mailto:mail@substack.net)>  
Copyright (c) 2009 Thomas Robinson <[280north.com](mailto:280north.com)>  
Copyright (c) 2012-2013 Yusuke Suzuki (twitter Constellation) and other contributors  
Copyright (c) 2018 Toru Nagashima  
Copyright (c) 2015 Roy Riojas  
Copyright (c) 2014 Forbes Lindesay  
Copyright (c) 2007-2014 Alexandru Marasteanu  
Copyright (c) 2011 Dominic Tarr  
Copyright (c) 2017 base project Quramy  
Copyright (c) 2015 MuleSoft, Inc.  
Copyright (c) 2008-2018 Adobe Systems, Inc. and others  
Copyright (c) 1992-2004 by P.J. Plauger  
Copyright (c) 2007-2013 Timothy Wall, Markus Karg  
Copyright (c) 2010 EugeneLev  
Copyright (c) 2016 Minoru Sakamoto  
Copyright (c) 2008 Luicid Imagination, Inc.  
Copyright (c) 2003 CIIR University of Massachusetts Amherst (<http://ciir.cs.umass.edu>)  
Copyright (c) 1970-2003 Wm. Randolph Franklin  
Copyright (c) 1993 by Sun Microsystems, Inc.  
Copyright (c) 2015-2017 Ericsson and others  
Copyright (c) 2008-2018 Oakland Software Incorporated and others  
Copyright (c) 2012-2018 SSI Schaefer and others  
Copyright (c) 2000-2018 Matt Conway and others  
Copyright (c) 2007 Martin Oberhuber ([martin.oberhuber@windriver.com](mailto:martin.oberhuber@windriver.com))  
Copyright (c) 2009 Alex Blewitt <[alex.blewitt@gmail.com](mailto:alex.blewitt@gmail.com)>  
Copyright (c) 2017 Stefan Rademacher <[stefan.rademacher@tk.de](mailto:stefan.rademacher@tk.de)>  
Copyright (c) 2015 Jan-Ove Weichel <[ovi.weichel@gmail.com](mailto:ovi.weichel@gmail.com)>  
Copyright (c) 2016 Lars Vogel <[Lars.Vogel@vogella.com](mailto:Lars.Vogel@vogella.com)>  
Copyright (c) 2019 Simon Muschel <[smuschel@gmx.de](mailto:smuschel@gmx.de)>  
Copyright (c) 2009 Yann Simon <[yann.simon.fr@gmail.com](mailto:yann.simon.fr@gmail.com)>  
Copyright (c) 2019 Peter Severin <[peter@wireframesketcher.com](mailto:peter@wireframesketcher.com)>  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2011-2019 Bernard Leach <leachbj@bouncycastle.org> and others  
Copyright (c) 2015 Feb Raymond Auge and others  
Copyright (c) 2019 Sebastian Zarnekow and others  
Copyright (c) 2007-2019 Dakshinamurthy Karra, IBM Corporation and others  
Copyright (c) 2014-2020 Andrey Loskutov <loskutov@gmx.de> and others  
Copyright (c) 2017-2019 Google LLC and others  
Copyright (c) 2018 Konrad Windszus <konrad\_w@gmx.de> and others  
Copyright (c) 2008 Charles O'Farrell <charleso@charleso.org>  
Copyright (c) 2010-2013 Peter Stibrany and others  
Copyright (c) 2019 Laurent CARON.  
Copyright (c) 2008-2015 Versant Corp. and others  
Copyright (c) 1983-2004 Apple Computer, Inc.  
Copyright (c) 2009-2010 The Android Open Source Project  
Copyright (c) 2004-2016 Google Inc, International Business Machines Corporation and others  
Copyright (c) 2013-2016 Pivotal Software Inc. and IBM Corporation  
Copyright (c) 2007-2018 Benjamin Muskalla and others  
Copyright (c) 2013-2018 Obeo and others  
Copyright (c) 2013-2014 Tom Schindl <tom.schindl@bestsolution.at> and others  
Copyright (c) 2012-2015 MEDEVIT, FHV and others  
Copyright (c) 2011-2016 EclipseSource Muenchen GmbH and others  
Copyright (c) 2014-2018 Andrey Loskutov <loskutov@gmx.de>  
Copyright (c) 2015 Denis Zygann <d.zygann@web.de>  
Copyright (c) 2014-2016 Konrad Kugler <swamblumat-eclipsebugs@yahoo.de> and others  
Copyright (c) 2008-2015 Marek Zawirski <marek.zawirski@gmail.com> and others  
Copyright (c) 2013-2016 GoPivotal, Inc.  
Copyright (c) 2017 Two Sigma Open Source and others  
Copyright (c) 2010-2013 Marc Strapetz <marc.strapetz@syntevo.com> and others  
Copyright (c) 2009-2012 Sasa Zivkov <sasa.zivkov@sap.com> and others  
Copyright (c) 2008-2014 by SAP AG, Walldorf and others  
Copyright (c) 2004-2013 Maarten Meijer and others  
Copyright (c) 2009-2013 Hiroyuki Inaba and others  
Copyright (c) 2004-2013 Brock Janiczak and others  
Copyright (c) 2004-2015 Jingwen Ou and others  
Copyright (c) 2015-2019 Alex Blewitt and others  
Copyright (c) 2013-2018 Sep IBM Corporation and others  
Copyright (c) 2014-2018 vogella GmbH  
Copyright (c) 2018-2019 Altran Netherlands B.V. and others  
Copyright (c) 2007-2008 Standards for Technology in Automotive Retail (STAR) and others  
Copyright (c) 2009 Apple Inc.  
Copyright (c) 2015-2017 Evgeny Poberezkin  
Copyright (c) 2015-2019 Elan Shanker  
Copyright (c) 2011-2016 Heather Arthur <fayearthur@gmail.com>  
Copyright (c) 2015-2018 Tobias Koppers  
Copyright (c) 2013-2016 Trent Mick  
Copyright (c) 2012-2016 Yusuke Suzuki (<http://github.com/Constellation>) (twitter Constellation (<http://twitter.com/Constellation>)) and other contributors  
Copyright (c) 2016-2018 Kevin Gravier  
Copyright (c) 2013 Mikola Lysenko  
Copyright (c) 2015-2018 Ahmad Nassri <ahmad@ahmadnassri.com>  
Copyright (c) 2012-2014 Simon Boudrias  
Copyright (c) 2014-2015 Rod Vagg  
Copyright (c) 2013-2015 Rod Vagg rvagg (<https://twitter.com/rvagg>)  
Copyright (c) 2012-2016 JP Richardson <jprichardson@gmail.com>  
Copyright (c) 2013-2017 Braveg1rl  
Copyright (c) 2012-2017 the Dart project  
Copyright (c) 2017-2018 Anatoly Pulyaevskiy  
Copyright (c) 2004 user  
Copyright (c) 2011 The Guava  
Copyright (c) 2015 Andreas PAX L u00FCck  
Copyright (c) 2014 Reinhard Pointner  
Copyright (c) 2010-2013 Daniel Doubrovkine, Markus Karg  
Copyright (c) 2010 Digital Rapids Corp.  
Copyright (c) 2004-2006 Intel Corporation  
Copyright (c) 2003-2006 BBDO Detroit and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2012 Dec IBM Corporation and others  
Copyright (c) 2011 Marc-Andre Laperle  
Copyright (c) 2012-2016 Pivotal Software Inc and IBM Corporation  
Copyright (c) 2005-2015 db4objects Inc. <http://www.db4o.com>  
Copyright (c) 2012-2018 Brian de Alwis and others  
Copyright (c) 2017 Fabian Pfaff and others  
Copyright (c) 2009-2015 Corporation and others  
Copyright (c) 2017-2019 Simeon Andreev and others  
Copyright (c) 2018 Michael Keppler <[michael.keppler@gmx.de](mailto:michael.keppler@gmx.de)> and others  
Copyright (c) 2015 Philipp Bumann <[bumannp@gmail.com](mailto:bumannp@gmail.com)>  
Copyright (c) 2014 Marc Khouzam <[marc.khouzam@ericsson.com](mailto:marc.khouzam@ericsson.com)>  
Copyright (c) 2013-2018 Michael Keppler <[michael.keppler@gmx.de](mailto:michael.keppler@gmx.de)>  
Copyright (c) 2019-2020 Alexander Nittka <[alex@nittka.de](mailto:alex@nittka.de)>  
Copyright (c) 2010-2017 Wim Jongman <[wim.jongman@remainssoftware.com](mailto:wim.jongman@remainssoftware.com)>  
Copyright (c) 2010 Mathias Kinzler [mathias.kinzler@sap.com](mailto:mathias.kinzler@sap.com)  
Copyright (c) 2010-2018 SAP AG, GitHub Inc., and others and other owners as documented in the project's IP log  
Copyright (c) 2007 Robin Rosenberg <[me@lathund.dewire.com](mailto:me@lathund.dewire.com)>  
Copyright (c) 2019 Tim Neumann <[Tim.Neumann@advantest.com](mailto:Tim.Neumann@advantest.com)> and others  
Copyright (c) 2019 Simon Muschel <[smuschel@gmx.de](mailto:smuschel@gmx.de)> and others  
Copyright (c) Fields  
Copyright (c) 2009 Tom Schindl  
Copyright (c) 2009 TIBCO Software Inc. and others  
Copyright (c) 2018 Eclipse contributors Corporation and others  
Copyright (c) 2019 Feb. 1, Liferay, Inc.  
Copyright (c) 2008-2017 Genuitec, LLC and others  
Copyright (c) 2009-2011 Task top Technologies and others  
Copyright (c) 2012-2017 Ericsson AB and others  
Copyright (c) 2001-2017 IBM Corporation, and others  
Copyright (c) 2008-2018 Jay Rosenthal and others  
Copyright (c) 2014 Moritz Eysholdt and others  
Copyright (c) 2019-2020 Nicolaj Hoess and others  
Copyright (c) 2009-2015 Avaloq Evolution AG and others  
Copyright (c) 2006-2018 Wind River Systems, Inc., IBM Corporation and others  
Copyright (c) 2011-2012 IBM Corporation and others. and others  
Copyright (c) 2017 Obeo ([mathieu.cartaud@obeo.fr](mailto:mathieu.cartaud@obeo.fr))  
Copyright (c) 2009 Johannes Schindelin <[johannes.schindelin@gmx.de](mailto:johannes.schindelin@gmx.de)> and others  
Copyright (c) 2011 Stefan Lay <[stefan.lay@.com](mailto:stefan.lay@.com)> and others  
Copyright (c) 2010 Chrisian Halstrick <[christian.halstrick@sap.com](mailto:christian.halstrick@sap.com)>  
Copyright (c) 2008 Florian Koberle <[florianskarten@web.de](mailto:florianskarten@web.de)>  
Copyright (c) 2009 Vasyi Vavrychuk <[vvavrychuk@gmail.com](mailto:vvavrychuk@gmail.com)> and others  
Copyright (c) 2014 Sasa Zivkov <[sasa.zivkov@sap.com](mailto:sasa.zivkov@sap.com)> , SAP AG and others  
Copyright (c) 2009-2018 Sasa Zivkov <[sasa.zivkov@sap.com](mailto:sasa.zivkov@sap.com)>  
Copyright (c) 2014 Arthur Daussy <[arthur.daussy@obeo.fr](mailto:arthur.daussy@obeo.fr)>  
Copyright (c) 2012 Research In Motion Limited  
Copyright (c) 2010 Garmin International  
Copyright (c) 2010 Matt Fischer <[matt.fischer@garmin.com](mailto:matt.fischer@garmin.com)> and others  
Copyright (c) 2014 Alexey Kuznetsov <[axet@me.com](mailto:axet@me.com)>  
Copyright (c) 2010-2019 Marc Strapetz <[marc.strapetz@syntevo.com](mailto:marc.strapetz@syntevo.com)>  
Copyright (c) 2020 Michael Dardis. and others  
Copyright (c) 2018 Markus Duft <[markus.duft@ssi-schaefer.com](mailto:markus.duft@ssi-schaefer.com)> and others  
Copyright (c) 2015 Ivan Motsch <[ivan.motsch@bsiag.com](mailto:ivan.motsch@bsiag.com)> and others  
Copyright (c) 2008-2013 SAP AG, Walldorf and others  
Copyright (c) 2007-2019 JCraft, Inc. and others  
Copyright (c) 2007-2017 SAS Institute, Inc and others  
Copyright (c) 2008-2012 IONA Technologies PLC, Shane Clarke  
Copyright (c) 2007-2008 WSO2 Inc., IBM Corporation and others  
Copyright (c) 2009-2011 BREDEX GmbH.  
Copyright (c) 2004-2011 Helen Bershadskaya and others  
Copyright (c) 2010 Flavio Donze and others  
Copyright (c) 2009-2015 eXXcellent solutions gmbh, EclipseSource Corporation and others  
Copyright (c) 2019 Remain BV, Netherlands  
Copyright (c) catch events for all faceted projects  
Copyright (c) 2010-2014 Oracle and Others  
Copyright (c) 2009-2016 - The Chromium Authors  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2008-2009 Standards in Technology in Automotive Retail and others  
Copyright (c) 2010 Intalio and others  
Copyright (c) 2009 Composit Inc., EclipseSource Inc., IBM Corp. and others  
Copyright (c) 2014 Composit Inc., and others  
Copyright (c) 2006-2020 Mountainminds GmbH Co.  
Copyright (c) 2011-2020 Chris Aniszczyk, et.al  
Copyright (c) 2010-2018 The Eclipse Foundation, Innoopract  
Copyright (c) 2010-2018 The Eclipse Foundation  
Copyright (c) 2018-2020 Thomas Wolf and others  
Copyright (c) 2007-2010 WSO2 and others  
Copyright (c) 2007 Gunnar Wagenknecht, David Green and others  
Copyright (c) 2018-2020 Wim Jongman Remain Software  
Copyright (c) 2019-2020 Wim Jongman, Remain Software  
Copyright (c) 2008-2009 Andrea Bittau, David Carver, Mukul Gandhi, and others  
Copyright (c) 2001-2005 MetaStuff, Ltd.  
Copyright (c) 2012-2017 by Ingvar Stepanyan  
Copyright (c) 2019 Elan Shanker, Paul Miller (<https://paulmillr.com>)  
Copyright (c) Kevin Martensson (<https://github.com/kevva>)  
Copyright (c) 2017 Samuel Reed <[samuel.trace.reed@gmail.com](mailto:samuel.trace.reed@gmail.com)>  
Copyright (c) 2016 Alex Indigo  
Copyright (c) 2013 Michael Hart ([michael.hart.au@gmail.com](mailto:michael.hart.au@gmail.com))  
Copyright (c) 2012 Michael Mclaughlin  
Copyright (c) 2018 Dmitry Shirokov  
Copyright (c) 2012-2019 Paul Miller (<https://paulmillr.com>), Elan Shanker  
Copyright (c) Paul Miller <<https://paulmillr.com>>  
Copyright (c) 2015 Ilya Radchenko <[ilya@burstcreations.com](mailto:ilya@burstcreations.com)>  
Copyright (c) 2011-2015 Paul Vorbach <[paul@vorba.ch](mailto:paul@vorba.ch)>  
Copyright (c) 2011-2016 Paul Vorbach (<https://paul.vorba.ch/>) and contributors (<https://github.com/pvorb/clone/graphs/contributors>)  
Copyright (c) 2012 Heather Arthur  
Copyright (c) 2011-2016 Heather Arthur and Josh Junon  
Copyright (c) 2015 Dmitry Ivanov  
Copyright (c) 2014 Matthew Conlen  
Copyright (c) 2015 David Clark  
Copyright (c) 2018 Made With MOXY Lda  
Copyright (c) 2013 Joyent Inc.  
Copyright (c) 2011-2012 Ariya Hidayat (<http://ariya.ofilabs.com/about>) (twitter ariyahidayat (<http://twitter.com/ariyahidayat>)) and other contributors  
Copyright (c) 2015 Scott Motte  
Copyright (c) 2014 Jeremie Miller  
Copyright (c) 2015 Kiko Beats  
Copyright (c) Kiko Beats (<http://www.kikobeats.com>)  
Copyright (c) 2012-2015 Rod Vagg (<https://github.com/rvagg>) ( rvagg (<https://twitter.com/rvagg>))  
Copyright (c) 2013 Joel Feenstra  
Copyright (c) 2014 Yusuke Suzuki (<https://github.com/Constellation>) (twitter Constellation (<https://twitter.com/Constellation>)) and other contributors  
Copyright (c) 2014 Stefan Thomas  
Copyright (c) 2013 James Halliday  
Copyright (c) 2013 Ramesh Nair (<http://www.hiddentao.com/>)  
Copyright (c) 2015-2017 Holger Benl <[hbenl@evandor.de](mailto:hbenl@evandor.de)>  
Copyright (c) 2012 Felix Geisendorfer ([felix@debuggable.com](mailto:felix@debuggable.com)) and contributors  
Copyright (c) 2011-2017 JP Richardson  
Copyright (c) 2011-2017 JP Richardson (<https://github.com/jprichardson>)  
Copyright (c) 2015 Alexey Litvinov  
Copyright (c) Isaac Z. Schlueter, Ben Noordhuis, and Contributors  
Copyright (c) ahmadnassri.com (<https://www.ahmadnassri.com/>)  
Copyright (c) 2011 Joyent, Inc. and the persons identified as document authors  
Copyright (c) 2011 Alexander Shtuchkin  
Copyright (c) 2018 Glen Maddern  
Copyright (c) 2013 Kael Zhang <[i@kael.me](mailto:i@kael.me)> , contributors <http://kael.me>  
Copyright (c) 2017 Aditya Yadav, <http://netroy.in>  
Copyright (c) 2013 Gary Court, Jens Taylor  
Copyright (c) 2016 Simon Boudrias (twitter vaxilart (<https://twitter.com/vaxilart>))  
Copyright (c) 2017 Kat Marchan  
Copyright (c) 2012-2016 Aseem Kishore, and others (<https://github.com/aseemk/json5/contributors>)  
Copyright (c) 2009-2017 Alexis Sellier (<http://cloudhead.io>) & The Core Less Team  
Copyright (c) 2011-2018 The Bootstrap Authors  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2011-2018 Twitter, Inc.  
Copyright (c) 2012-2015 - Tobias Koppers  
Copyright (c) 2010 Benjamin Thomas, Robert Kieffer  
Copyright (c) 2014 Jonathan Ong me@jongleberry.com  
Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>  
Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>  
Copyright (c) 2010 James Halliday (mail@substack.net)  
Copyright (c) 2012-2015 Lauri Rooden <lauri@rooden.ee>  
Copyright (c) 2018 Tobias Reich  
Copyright (c) Manoj Patel  
Copyright (c) Elan Shanker and Node.js contributors  
Copyright (c) Ben Briggs <beneb.info@gmail.com> (<http://beneb.info>)  
Copyright (c) Ben Briggs (<http://beneb.info>)  
Copyright (c) 2015 Mark Dalgleish <mark.john.dalgleish@gmail.com>  
Copyright (c) 2015 Mark Dalgleish and Bogdan Chadkin,  
Copyright (c) Michael Ciniawsky <michael.ciniawsky@gmail.com>  
Copyright (c) James Long and contributors  
Copyright (c) 2017 Lupo Montero lupomontero@gmail.com  
Copyright (c) 2017 Lupo Montero <lupomontero@gmail.com>  
Copyright (c) 2014 Nathan LaFreniere and other contributors  
Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller (<https://paulmillr.com>)  
Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller <<https://paulmillr.com>>  
Copyright (c) 2014 Benjamin Tan <demoneaux@gmail.com> (<https://d10.github.io/>)  
Copyright (c) 2015 Alexej Yaroshevich and other contributors  
Copyright (c) Feross Aboukhadijeh  
Copyright (c) Feross Aboukhadijeh (<http://feross.org>)  
Copyright (c) 2018 Nikita Skovoroda <chalkerx@gmail.com>  
Copyright (c) 2013 Brendan Duncan  
Copyright (c) 1996-2010 Julian R Seward  
Copyright (c) 2018 Jennifer Thakar  
Copyright (c) 2006-2012 The Authors  
Copyright (c) 2013 Greg Lowe  
Copyright (c) 2015 Michael Bullington  
Copyright (c) 2006-2019 Lukas Renggli  
Copyright (c) 2014 the tuple project authors  
Copyright (c) Kevin Martensson (<http://github.com/kevva>)  
Copyright (c) 2015 Josh Junon  
Copyright (c) DC  
Copyright (c) 2018 Gajus Kuizinas (<http://gajus.com/>)  
Copyright (c) 2014 KARASZI Istvan  
Copyright (c) 2017 Klaus Meinhardt  
Copyright (c) YEAR W3C(r) (MIT, ERCIM, Keio, Beihang). Disclaimers  
Copyright (c) 2018 WHATWG  
Copyright (c) 2018 The Khronos Group Inc.  
Copyright (c) 2019 Yosuke Kurami  
Copyright (c) 2018 Brody McKee  
Copyright (c) 2017 Ryan Zimmerman <opensrc@ryanzim.com>  
Copyright (c) 2010-2016 Robert Kieffer and other contributors  
Copyright (c) 1996-2016 IBM Corporation,  
Copyright (c) 2005-2014 - International Business Machines Corporation and others  
Copyright (c) 2009-2016 Google, Inc. International Business Machines Corporation and others  
Copyright (c) 2007 Olivier Chafik  
Copyright (c) 2001-2010 + The Apache Software Foundation  
Copyright (c) 2008-2017 Aleksandra Wozniak and others  
Copyright (c) 2016-2017 Conrad Groth and others  
Copyright (c) 2006-2019 Cerner Corporation and others  
Copyright (c) 2005-2015 Matt Carter and others  
Copyright (c) 2000-2019 Keith Seitz and others  
Copyright (c) 2010-2017 itemis AG and others  
Copyright (c) 2013-2017 Markus Alexander Kuppe and others  
Copyright (c) 2011-2015 Comosent and others  
Copyright (c) 2004-2019 Comosent, Inc., IBM  
Copyright (c) 2014 Axel Richard <axel.richard@obeo.fr>  
Copyright (c) 2014-2015 Maik Schreiber and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2012-2014 Markus Duft <markus.duft@salomon.at> and others  
Copyright (c) 2013-2016 Robin Stocker and others  
Copyright (c) 2011-2015 Philipp Thun <philipp.thun@sap.com> and others  
Copyright (c) 2011-2012 Tomasz Zarna <Tomasz.Zarna@pl.ibm.com>  
Copyright (c) 2010-2016 Stefan Lay <stefan.lay@sap.com> and others  
Copyright (c) 2007-2015 Tasktop Technologies Inc. and others  
Copyright (c) 2014-2016 Vadim Dmitriev and others  
Copyright (c) 2009-2019 Yann Simon <yann.simon.fr@gmail.com> and others  
Copyright (c) 1999-2003 International Business Machines, Inc., <http://www.apache.org>  
Copyright (c) 2019-2020 Marcus Hoepfner and others  
Copyright (c) 2015-2019 Raymond Auge  
Copyright (c) 2009-2018 Daniel Le Berre and others  
Copyright (c) 2009-2017 Cloudsmith Inc and others  
Copyright (c) 2007-2018 - BEA Systems, Inc. and others  
Copyright (c) 2018-2019 Cedric Chabanois and others  
Copyright (c) 2016-2017 Bjorn Michael and others  
Copyright (c) 2009-2010 Constantine Plotnikov <constantine.plotnikov@gmail.com>  
Copyright (c) 2009-2010 JetBrains s.r.o. and others  
Copyright (c) 2014 Konrad Kugler and others  
Copyright (c) 2013-2014 Gustaf Lundh <gustaf.lundh@sonymobile.com> and others  
Copyright (c) 2009-2011 Red Hat, IBM  
Copyright (c) 2006-2010 Cape Clear Software  
Copyright (c) 2007-2008 IBM Corporation, WSO2 Inc. and others  
Copyright (c) 2013-2018 Igor Fedorenko and others  
Copyright (c) 2015-2017 Patrik Suzzi and others  
Copyright (c) 2015-2016 Max Rydahl and others  
Copyright (c) 2018-2019 Remain Software and others  
Copyright (c) 2016-2018 Martin Karpisek and others  
Copyright (c) 2018-2019 Dawid Pakula and others  
Copyright (c) 2009-2010 Chase Technologies and others  
Copyright (c) . Try  
Copyright (c) 1996-2015 Google, Inc., International Business Machines Corporation and others  
Copyright (c) 2009 Yahoo! Inc.  
Copyright (c) 2009-2016 International Business Machines Corporation, Google, Inc. and others  
Copyright (c) 2011 Denis Tulskiy  
Copyright (c) 2013 Ralf Hamberger, Markus Karg  
Copyright (c) null Project  
Copyright (c) 2012 Udo Klimaschewski  
Copyright (c) by the Regents of the University of California  
Copyright (c) 2006 Damien Miller <djm@mindrot.org>  
Copyright (c) Creator  
Copyright (c) 2000-2019 The Legion Of The Bouncy Castle Inc. (<http://www.bouncycastle.org>)  
Copyright (c) Dr B. R Gladman (gladman@seven77.demon.co.uk) and Sam Simpson (s.simpson@mia.co.uk)  
Copyright (c) ECFieldElement A1  
Copyright (c) 2019 arctis Softwaretechnologie GmbH and others  
Copyright (c) 2005-2014 QNX Software Systems  
Copyright (c) 2011 Marc-Andre Laperle and others  
Copyright (c) 2008-2017 Marko Topolnik and others  
Copyright (c) 2005-2015 db4objects Inc. <http://www.db4o.com> and others  
Copyright (c) 2005-2014 db4objects Inc. (<http://www.db4o.com>) and others  
Copyright (c) 2008 Symbian Software Systems, IBM Corporation and others  
Copyright (c) 2004-2014 Red Hat Incorporated and others  
Copyright (c) 2016-2017 SSI Schaefer IT Solutions GmbH and others  
Copyright (c) 2017 Bachmann electronic GmbH and others  
Copyright (c) 2012 Mentor Graphics Corporation and others  
Copyright (c) 2010 itemis AG (<http://www.itemis.de>)  
Copyright (c) 2010 Research Group Software Construction, RWTH Aachen University and others  
Copyright (c) 2019 itemis AG.  
Copyright (c) 2019 Johan Compagner and others  
Copyright (c) 2008 Zerr and others  
Copyright (c) 2008-2012 - Angelo Zerr and others  
Copyright (c) 2009-2015 Remy Chi Jian Suen and others  
Copyright (c) 2015-2018 EclipseSource Munich GmbH and others  
Copyright (c) 2010-2015 Brian de Alwis, and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2018 KGU-Consulting GmbH and others  
Copyright (c) 2009-2015 Siemens AG and others  
Copyright (c) 2009 EclipseSource, Inc.  
Copyright (c) 2004 Compositent, Inc., Peter Nehrer, Boris Bokowski  
Copyright (c) 2008 Versant Corp.  
Copyright (c) 2005-2007 Remy Suen  
Copyright (c) 2006 IBM, Inc and Compositent, Inc.  
Copyright (c) 2008 EclipseSource, IBM, and others  
Copyright (c) 2010 Markus Alexander Kuppe  
Copyright (c) 2014 Maik Schreiber <blizzy@blizzy.de>  
Copyright (c) 2016 Andrey Rodionov <rodionovamp@mail.ru>  
Copyright (c) 2014 Konrad Kugler <swamblumat-eclipsebugs@yahoo.de>  
Copyright (c) 2016 Matthias Sohn and others  
Copyright (c) 2010 Roland Grunberg <rgrunber@redhat.com>  
Copyright (c) 2012-2013 Tomasz Zarna <tzarna@gmail.com>  
Copyright (c) 2016 Andre Bossert <anb0s@anbos.de>  
Copyright (c) 2013 Carsten Pfeiffer <carsten.pfeiffer@gebit.de>  
Copyright (c) 2008 Shunichi Fuji <palglowr@gmail.com>  
Copyright (c) 2016 Brandon Dong <brandon.dong@tasktop.com>  
Copyright (c) 2016 Dani Megert <daniel\_megert@ch.ibm.com>  
Copyright (c) 2012 Manuel Doninger <manuel.doninger@googlemail.com>  
Copyright (c) 2012 Steffen Pingel <steffen.pingel@tasktop.com>  
Copyright (c) 2010 Thorsten Kamann <thorsten@kamann.info>  
Copyright (c) 2013 Tobias Pfeifer <to.pfeifer@sap.com>  
Copyright (c) 2013 Ben Hammen <hammenb@gmail.com>  
Copyright (c) 2015 Laurent Delaigue <laurent.delaigue@obeo.fr>  
Copyright (c) 2011 Benjamin Muskalla <benjamin.muskalla@tasktop.com>  
Copyright (c) 2010-2019 Roland Grunberg <rgrunber@redhat.com> and others  
Copyright (c) 2010 Ryan Schmitt <ryan.schmitt@boeing.com>  
Copyright (c) 2012-2016 Red Hat, Inc, and others  
Copyright (c) 2012 Kevin Sawicki <kevin@github.com>  
Copyright (c) 2012 Markus Keller <markus\_keller@ch.ibm.com>  
Copyright (c) 2013 Tomasz Zarna <tomasz.zarna@tasktop.com>  
Copyright (c) 2011 GEBIT Solutions  
Copyright (c) 2012-2019 Tomasz Zarna (IBM), Robin Stocker, and others  
Copyright (c) 2010-2015 Benjamin Muskalla <bmuskalla@eclipsesource.com> and others  
Copyright (c) 2012-2019 Tomasz Zarna (IBM) and others  
Copyright (c) 2009-2013 Shawn O. Pearce and others  
Copyright (c) 2014 Marc-Andre Laperle <marc-andre.laperle@ericsson.com>  
Copyright (c) 2008-2016 Roger C. Soares <rogersoares@intelinet.com.br> and others  
Copyright (c) 2012 Daniel megert <daniel\_megert@ch.ibm.com>  
Copyright (c) 2019 Tim Neumann <Tim.Neumann@advantest.com>  
Copyright (c) 2017 Martin Fleck <mfleck@eclipsesource.com>  
Copyright (c) 2014 Tobias Melcher <tobias.melcher@sap.com> , Felix Otto <felix.otto@sap.com>  
Copyright (c) 2012 Tomasz Zarna and others  
Copyright (c) 2011-2013 Tasktop Technologies Inc and others  
Copyright (c) 2011 Tasktop Technologies Inc.  
Copyright (c) 2013 Dariusz Luksza <dariusz.luksza@gmail.com>  
Copyright (c) 2008-2015 Tomi Pakarinen <tomi.pakarinen@iki.fi> and others  
Copyright (c) 2015 Frank Jakob  
Copyright (c) 2015 Christian Georgi <christian.georgi@sap.com>  
Copyright (c) 2017 Red Hat Inc, and others  
Copyright (c) 2010-2013 SAP AG and other  
Copyright (c) 2018 Markus Duft <markus.duft@ssi-schaefer.com>  
Copyright (c) 2011 Dariusz Luksza <dariusz@luksa.org>  
Copyright (c) 2010-2012 EclipseSource  
Copyright (c) 2013-2016 Stephen Elsemore <selsemore@collab.net> and others  
Copyright (c) 2011-2015 Greg Amerson <gregory.amerson@liferay.com> and others  
Copyright (c) 2012-2015 Kyle J. Harms <harmask@seas.wustl.edu>  
Copyright (c) 2011 Hallvard Traetteberg and others  
Copyright (c) 2008-2009 Zeligsoft Inc. and others  
Copyright (c) 2002-2014 IBM Corporation, itemis AG, CEA, and others  
Copyright (c) 2002-2008 IBM Corporation, Embarcadero Technologies, and others  
Copyright (c) 2010-2017 IBM Corporation, SAP AG and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2010-2017 IBM Corporation, SAP AG.  
Copyright (c) 2008-2011 Gunnar Wagenknecht, IBM Corporation and others  
Copyright (c) 2018 Jan Liferay, Inc.  
Copyright (c) 2012 Pascal Rapicault and others  
Copyright (c) 2013-2018 Rapicorp Inc. and others  
Copyright (c) 2007-2017 aQuote and others  
Copyright (c) 2008-2010 Band XI International, LLC and others  
Copyright (c) 2012-2017 Landmark Graphics Corporation and others  
Copyright (c) 2009-2012 IBM and others  
Copyright (c) 2009-2017 Cloudsmith and others  
Copyright (c) 2014-2019 Rapicorp, Inc. and others  
Copyright (c) 2009-2011 Cloudsmith Inc  
Copyright (c) 2008 Jay Rosenthal  
Copyright (c) 2007-2018 - BEA Systems, Inc and others  
Copyright (c) 2000-2007 IBM Corporation, BEA Systems, Inc., and others  
Copyright (c) 2009-2017 Vladimir Piskarev and others  
Copyright (c) 2014 Gauthier JACQUES, IBM Corporation and others  
Copyright (c) 2011 Stefan Henss  
Copyright (c) 2011-2019 Stefan Henss and others  
Copyright (c) 2005-2017 BEA Systems, Inc, IBM Corporation and others  
Copyright (c) 2013 Jesper S Moller and others  
Copyright (c) 2012-2020 GK Software SE, IBM Corporation and others  
Copyright (c) 2007-2016 Symbian Software Systems and others  
Copyright (c) 2000-2001 IBM Corp. + //\$NON-NLS-1\$  
Copyright (c) 2009 SpringSource and others  
Copyright (c) 2008-2011 Eric Rizzo, IBM Corporation and others  
Copyright (c) 2014-2018 Yatta Solutions GmbH and others  
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2008-2015 Micah Hainline and others  
Copyright (c) 2008-2015 Peter Centgraf and others  
Copyright (c) 2015 David Ostrovsky <david@ostrovsky.org> and others  
Copyright (c) 2011 Chris Aniszczuk <zx@redhat.com>  
Copyright (c) 2011 Abhishek Bhatnagar <abhatnag@redhat.com> and others  
Copyright (c) 2013 CloudBees, Inc. and others  
Copyright (c) 2011 Ketan Padegaonkar <ketanpadegaonkar@gmail.com> and others  
Copyright (c) 2011 Christoph Brill <egore911@egore911.de> and others  
Copyright (c) 2011 Roberto Tyley <roberto.tyley@gmail.com> and others  
Copyright (c) 2015 Sohn <matthias.sohn@sap.com>  
Copyright (c) 2018 Salesforce  
Copyright (c) 2014 Arthur Daussy <arthur.daussy@obeo.fr> and others  
Copyright (c) 2008-2009 Johannes E. Schindelin <johannes.schindelin@gmx.de>  
Copyright (c) 2019-2020 Andre Bossert <andre.bossert@siemens.com>  
Copyright (c) 2009 Vasyl Vavrychuk <vvavrychuk@gmail.com>  
Copyright (c) 2011-2012 Google Inc. and others. and others  
Copyright (c) 2011-2013 Google Inc., and others. and others  
Copyright (c) 2013 Gunnar Wagenknecht  
Copyright (c) 2014 Axel Richard <axel.richard@obeo.fr> and others  
Copyright (c) 2017 Wim Jongman <wim.jongman@remainssoftware.com> and others  
Copyright (c) 2008 Robin Rosenberg <robin.rosenberg.lists@dewire.com>  
Copyright (c) 2014 Andre de Oliveira <andre.oliveira@liferay.com>  
Copyright (c) 2014 Andre de Oliveira <andre.oliveira@liferay.com> and others  
Copyright (c) 2011 GEBIT Solutions and others  
Copyright (c) 2009 Mark Struberg <struberg@yahoo.de>  
Copyright (c) 2017 Two Sigma  
Copyright (c) 2009 Robin Rosenberg <robin.rosenberg@gmail.com>  
Copyright (c) 2016 Mark Ingram <markdingram@gmail.com>  
Copyright (c) 2015 Patrick Steinhardt <ps@pks.im> and others  
Copyright (c) 2009 Tor Arne Vestbo <torarnv@gmail.com> and others  
Copyright (c) 2012 Christian Halstrick and others  
Copyright (c) 2014 Laurent Goujon <lgoujon@twitter.com> and others  
Copyright (c) 2012 Daniel Megert <daniel\_megert@ch.ibm.com> and others  
Copyright (c) 2017 Marc Stevens <marc@marc-stevens.nl> , Dan Shumow <danshu@microsoft.com>  
Copyright (c) 2017 Marc Stevens Cryptology Group  
Copyright (c) 2012 IBM.  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2005-2007 IBM Corporation and BEA Systems, Inc.  
Copyright (c) 2009 Frits Jalvingh and others  
Copyright (c) 2007-2010 Eteration A.S.  
Copyright (c) 2010 SAS Institute Inc and others  
Copyright (c) 2003-2010 WSO2 Inc, IBM Corporation and others  
Copyright (c) 2018 Red Hat Inc  
Copyright (c) 2008-2015 Sonatype, Inc.and others  
Copyright (c) 2012 VMware, Inc.  
Copyright (c) 2012-2019 Rob Newton and others  
Copyright (c) 2020 Metron, Inc.  
Copyright (c) 2004-2011 Balazs Brinkus and others  
Copyright (c) 2015 Vaughan Hilts and others  
Copyright (c) 2004-2010 Jevgeni Holodkov and others  
Copyright (c) 2010 Andreas Hoehmann and others  
Copyright (c) 2007-2008 Fabrizio Iannetti and others  
Copyright (c) 2015-2016 Max Rydhal Andersen and others  
Copyright (c) 2011-2015 Igor Malinin, Paul Lin and others  
Copyright (c) 2017 Holger Staudacher and others  
Copyright (c) 2020 Fraunhofer FOKUS and others  
Copyright (c) 2019 Pierre-Yves B. and others  
Copyright (c) 2011-2012 Tasktop Technologies  
Copyright (c) 2014 Daniel Deady and others  
Copyright (c) 2010-2011 Mat Booth and others  
Copyright (c) 2018 Connexa, LLC and others  
Copyright (c) 2013 Aug IBM Corporation and others  
Copyright (c) 2009-2015 EclipseSource Corporation, IBM Corporation, and others  
Copyright (c) 2009-2015 eXXcellent solutions gmbh, IBM Corporation, and others  
Copyright (c) 2009-2017 Anyware Technologies and others  
Copyright (c) 2009-2015 eXXcellent solutions gmbh and others  
Copyright (c) 2009-2019 eXXcellent solutions gmbh, EclipseSource Corporation, IBM Corporation and others  
Copyright (c) 2016 Martin Karpisek  
Copyright (c) 2009-2015 ThoughtWorks, Inc. and others  
Copyright (c) 2016 Ericsson  
Copyright (c) 2015 OPCoach and others  
Copyright (c) 2008-2016 Cypal Solutions  
Copyright (c) 2006-2009 Klaus Wenger, Wind River Systems, IBM Corporation and others  
Copyright (c) 2019 Syntevo and others  
Copyright (c) 2019 Pivotal, Inc. and others  
Copyright (c) 2019 Paul Pazderski, Thomas Wolf, and others  
Copyright (c) 2020 1C-Soft LLC and others  
Copyright (c) 2017 Andreas Loth and others  
Copyright (c) 2007-2018 Matthew Conway and others  
Copyright (c) 2019 Tim Neumann <tim.neumann@advantest.com> and others  
Copyright (c) 2015-2018 Red Hat Inc and Others  
Copyright (c) 2015 IBM Corporation, Red Hat Inc. and others  
Copyright (c) 1994-2015 Hewlett-Packard Company  
Copyright (c) 1997 Silicon Graphics Computer Systems, Inc.  
Copyright (c) 2009-2015 Oakland Software and others  
Copyright (c) 2019 Uenal Akkaya and others  
Copyright (c) 2014 David Berger <david.berger@logicals.com> and others  
Copyright (c) 2017 Patrik Suzzi  
Copyright (c) 2017-2018 David Weiser and others  
Copyright (c) 2008-2019 Bredex GmbH and others  
Copyright (c) 2016-2017 Leo Ufimtsev and others  
Copyright (c) 2011-2015 Fair Isaac Corporation and others  
Copyright (c) 2009 Avaloq Evolution AG, IBM Corporation and others  
Copyright (c) 2015 Holger Voormann and others  
Copyright (c) 2015 Andrey Loskutov and others  
Copyright (c) 2016 Red Hat, Inc. we  
Copyright (c) 2002-2010 IBM Corporation, Parasoft, Beacon Information Technology Inc. and others  
Copyright (c) 2005-2010 Standards for Technology in Automotive Retail  
Copyright (c) 2001 World Wide Web (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 2008-2009 Jesper Steen Miller and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

Copyright (c) 2008 Lars Vogel  
Copyright (c) 2008-2010 STAR and others  
Copyright (c) 1991-2001 by Lucent Technologies

**Copyright: eclipse 4.16**

Copyright (c) 1970-2003 Wm. Randolph Franklin  
Copyright (c) 1989-1999 Free Software Foundation, Inc.  
Copyright (c) 1990-2009 Adobe Systems Incorporated  
Copyright (c) 1991-1998 Thomas G. Lane  
Copyright (c) 1991-2019 Unicode, Inc.  
Copyright (c) 1993 Geoff Kuenning, Granada Hills, CA  
Copyright (c) 1993 Geoff Kuenning, Granada Hills, CA /  
Copyright (c) 1993 by Sun Microsystems, Inc.  
Copyright (c) 1994-2001 World Wide Web Consortium, <http://www.w3.org/>> World Wide Web Consortium  
Copyright (c) 1994-2002 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 1994-2002 <http://www.w3.org/> World Wide Web Consortium, ( <http://www.lcs.mit.edu/> Massachusetts Institute of Technology, <http://www.inria.fr/> Institut National de Recherche en Informatique et en Automatique, <http://www.keio.ac.jp/> Keio University )  
Copyright (c) 1994-2002 <http://www.w3.org/> World Wide Web Consortium, <http://www.lcs.mit.edu/> Massachusetts Institute  
Copyright (c) 1994-2015 Hewlett-Packard Company  
Copyright (c) 1995-2013 Jean-loup Gailly and Mark Adler  
Copyright (c) 1995-2016 International Business Machines Corporation and others  
Copyright (c) 1995-2018 Mort Bay Consulting Pty Ltd.  
Copyright (c) 1995-2020 Mort Bay Consulting Pty Ltd and others  
Copyright (c) 1996 Aki Yoshida  
Copyright (c) 1996 Chih-Hao Tsai Beckman Institute, University of Illinois [c-tsai4@uiuc.edu](mailto:c-tsai4@uiuc.edu) <http://casper.beckman.uiuc.edu/~c-tsai4>  
Copyright (c) 1996-2015 Google, Inc., International Business Machines Corporation and others  
Copyright (c) 1996-2016 Google, International Business Machines Corporation and others  
Copyright (c) 1996-2016 IBM Corporation,  
Copyright (c) 1996-2018 IBM Corporation  
Copyright (c) 1997 Silicon Graphics Computer Systems, Inc.  
Copyright (c) 1997-2005 W3C (MIT, ERCIM, Keio)  
Copyright (c) 1997-2007 Simon Tatham  
Copyright (c) 1997-2018 Oracle and/or its affiliates  
Copyright (c) 1997-2020 The Apache Software Foundation  
Copyright (c) 1998-2000 World Wide Web Consortium (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 1998-2002 W3C (MIT, INRIA, Keio)  
Copyright (c) 1998-2007 World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)  
Copyright (c) 1998-2020 IBM Corporation and others  
Copyright (c) 1999 Computer Systems and Communication Lab, Institute of Information Science, Academia Sinica  
Copyright (c) 1999 Pai-Hsiang Hsiao  
Copyright (c) 1999 TaBE Project  
Copyright (c) 1999-2002 Lotus Development Corporation., <http://www.lotus.com>  
Copyright (c) 1999-2002 Sun Microsystems., <http://www.sun.com>  
Copyright (c) 1999-2003 IBM Corporation., <http://www.ibm.com>  
Copyright (c) 1999-2013 QOS.ch  
Copyright (c) 2000 Example.com  
Copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>  
Copyright (c) 2000-2003 Nara Institute of Science and Technology  
Copyright (c) 2000-2004 Jason Hunter & Brett McLaughlin  
Copyright (c) 2000-2006 [www.hamcrest.org](http://www.hamcrest.org)  
Copyright (c) 2000-2009 Sun Microsystems, Inc.  
Copyright (c) 2000-2009 [hamcrest.org](http://hamcrest.org)  
Copyright (c) 2000-2010 Eclipse Contributors and others  
Copyright (c) 2000-2011 IBM Corporation and others. br  
Copyright (c) 2000-2011 IBM Corporation, Red Hat, and others  
Copyright (c) 2000-2011 INRIA, France Telecom  
Copyright (c) 2000-2013 IBM Corporation and others. featureName Eclipse Help  
Copyright (c) 2000-2013 IBM Corporation and others. featureName Eclipse Platform Plug-in  
Copyright (c) 2000-2015 - The Legion of the Bouncy Castle Inc. (<http://www.bouncycastle.org>)  
Copyright (c) 2000-2015 Eric Rizzo and others  
Copyright (c) 2000-2016 International Business Machines Corporation  
Copyright (c) 2000-2018 Matt Conway and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2000-2018 ymnk, JCraft, Inc.  
Copyright (c) 2000-2019 Keith Seitz and others  
Copyright (c) 2000-2019 The Legion of the Bouncy Castle Inc. (<http://www.bouncycastle.org>)  
Copyright (c) 2000-2020 Eclipse  
Copyright (c) 2000-2020 Eclipse contributors  
Copyright (c) 2000-2020 Eclipse contributors and others  
Copyright (c) 2000-2020 IBM Corp  
Copyright (c) 2000-2020 IBM Corp.  
Copyright (c) 2000-2020 Red Hat Inc. and others  
Copyright (c) 2000-2020 ors Termf  
Copyright (c) 2001 DevelopMentor  
Copyright (c) 2001 Dr Martin Porter  
Copyright (c) 2001 The Internet Society and W3C (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 2001 W3C (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 2001-2003 ThoughtWorks, Inc. W Washington Ave. Suite Chicago, IL USA  
Copyright (c) 2001-2005 - International Business Machines Corporation and Microsoft Corporation  
Copyright (c) 2001-2005 International Business Machines Corporation and Microsoft Corporation  
Copyright (c) 2001-2005 MetaStuff, Ltd.  
Copyright (c) 2001-2005 The Organization for the Advancement of Structured Information Standards OASIS  
Copyright (c) 2001-2006 Codehaus Foundation  
Copyright (c) 2001-2006 The Codehaus Foundation  
Copyright (c) 2001-2007 - W3C, Standards for Technology in Automotive Retail, and others  
Copyright (c) 2001-2009 Anders Moeller  
Copyright (c) 2001-2010 + The Apache Software Foundation  
Copyright (c) 2001-2010 rCopyright The Apache Software Foundation  
Copyright (c) 2002 Extreme! Lab, Indiana University  
Copyright (c) 2002 Kevin Atkinson ([kevina@gnu.org](mailto:kevina@gnu.org))  
Copyright (c) 2002 Landmark Graphics Corp  
Copyright (c) 2002 Richard Boulton  
Copyright (c) 2002-2003 Stefan Haustein, Oberhausen, Rhld., Germany  
Copyright (c) 2002-2003 mCopyright The Apache Software Foundation  
Copyright (c) 2002-2012 OASIS Open  
Copyright (c) 2002-2015 Atsuhiko Yamanaka, JCraft, Inc.  
Copyright (c) 2002-2018 Eclipse contributors and others.  
Copyright (c) 2002-2018 IBM Corp. and others  
Copyright (c) 2002-2020 EclipseSource and others  
Copyright (c) 2003 CIIR University of Massachusetts Amherst (<http://ciir.cs.umass.edu>)  
Copyright (c) 2003 Center for Intelligent Information Retrieval, University of Massachusetts, Amherst  
Copyright (c) 2003 IBM  
Copyright (c) 2003-2005 Niklas Een, Niklas Sorensson  
Copyright (c) 2003-2006 BBDO Detroit and others  
Copyright (c) 2004 Composit, Inc., IBM and others  
Copyright (c) 2004 Sun Microsystems  
Copyright (c) 2004 World Wide Web Consortium, (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)  
Copyright (c) 2004-2008 Daniel Le Berre  
Copyright (c) 2004-2009 MAKE Technologies Inc.  
Copyright (c) 2004-2013 Artois University and CNRS  
Copyright (c) 2004-2014 Composit, Inc. and others  
Copyright (c) 2004-2014 Red Hat Incorporated and others  
Copyright (c) 2004-2015 Mylyn project  
Copyright (c) 2004-2016 Google Inc, International Business Machines Corporation and others  
Copyright (c) 2004-2017 MAKE Technologies Inc. and others  
Copyright (c) 2004-2019 QNX Software Systems and others  
Copyright (c) 2004-2020 Eclipse Foundation and others  
Copyright (c) 2004-2020 MAKE Technologies Inc and others  
Copyright (c) 2004-2020 Tasktop Technologies and others  
Copyright (c) 2005 Jacques Savoy  
Copyright (c) 2005-2007 Olivier ROUSSEL and Vasco MANQUINHO  
Copyright (c) 2005-2011 BEA Systems, Inc. and others  
Copyright (c) 2005-2014 - International Business Machines Corporation and others  
Copyright (c) 2005-2014 BEA Systems Inc. and others  
Copyright (c) 2005-2014 db4objects Inc. (<http://www.db4o.com>) and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2005-2015 Matt Carter and others  
Copyright (c) 2005-2015 db4objects Inc. <http://www.db4o.com>  
Copyright (c) 2005-2015 db4objects Inc. <http://www.db4o.com> and others  
Copyright (c) 2005-2018 BEA Systems, Inc.  
Copyright (c) 2005-2019 Gunnar Wagenknecht and others  
Copyright (c) 2005-2019 Shawn Pearce and others  
Copyright (c) 2005-2020 Cognos Incorporated, IBM Corporation and others  
Copyright (c) 2005-2020 EGit project  
Copyright (c) 2005-2020 Intel Corporation and others  
Copyright (c) 2005-2020 Red Hat Inc.  
Copyright (c) 2005-2020 Shawn Pearce, Robin Rosenberg, et.al  
Copyright (c) 2006 Dawid Weiss  
Copyright (c) 2006 Google Inc. Bundle-Description Guice  
Copyright (c) 2006 Javolution (<http://javolution.org>)  
Copyright (c) 2006 My Company  
Copyright (c) 2006 World Wide Web Consortium  
Copyright (c) 2006-2009 Klaus Wenger, Wind River Systems, IBM Corporation and others  
Copyright (c) 2006-2011 Ben Konrath <[ben@bagu.org](mailto:ben@bagu.org)>  
Copyright (c) 2006-2011 IBM Corporation and others. /  
Copyright (c) 2006-2011 Red Hat Incorporated  
Copyright (c) 2006-2011 the V8 project authors  
Copyright (c) 2006-2013 Wind River Systems, IBM Corporation and others  
Copyright (c) 2006-2015 Google Inc.  
Copyright (c) 2006-2018 Cloudsmith Inc.  
Copyright (c) 2006-2018 Google, Inc.  
Copyright (c) 2006-2018 Wind River Systems and others  
Copyright (c) 2006-2018 Wind River Systems, Inc., IBM Corporation and others  
Copyright (c) 2006-2019 Cerner Corporation and others  
Copyright (c) 2006-2019 Tom Schindl and others  
Copyright (c) 2006-2020 Mountainminds GmbH & Co. KG and Contributors  
Copyright (c) 2006-2020 Mountainminds GmbH Co.  
Copyright (c) 2007 Benjamin Muskalla and others  
Copyright (c) 2007 Composit Inc., IBM Corp, and others  
Copyright (c) 2007 Eclipse Foundation, Inc.  
Copyright (c) 2007 STAR Standards for Technology in Automotive Retail  
Copyright (c) 2007 Standards for Technology in Automotive Retail and others  
Copyright (c) 2007-2011 Dawid Weiss, Marcin Milkowski  
Copyright (c) 2007-2013 Ketan Padegaonkar, Red Hat and others  
Copyright (c) 2007-2013 Sonatype, Inc.  
Copyright (c) 2007-2014 Composit Inc., IBM Corp. and others  
Copyright (c) 2007-2015 - IBM Corporation and others  
Copyright (c) 2007-2015 Brad Reynolds and others  
Copyright (c) 2007-2015 Sonatype, Inc and others  
Copyright (c) 2007-2015 Wind River Systems, Inc. and others  
Copyright (c) 2007-2017 Innoopract Informationssysteme GmbH and others  
Copyright (c) 2007-2017 Innoopract Informationssysteme GmbH.  
Copyright (c) 2007-2017 aQute and others  
Copyright (c) 2007-2018 Dakshinamurthy Karra, IBM Corporation and others  
Copyright (c) 2007-2018 David Green and others  
Copyright (c) 2007-2018 Matthew Conway and others  
Copyright (c) 2007-2018 compeople AG and others  
Copyright (c) 2007-2019 JCraft, Inc. and others  
Copyright (c) 2007-2020 EclipseSource  
Copyright (c) 2007-2020 Matthew Hall and others  
Copyright (c) 2008 Alexander Beider & Stephen P. Morse  
Copyright (c) 2008 Imran M Yousuf <[imyousuf@smartitengineering.com](mailto:imyousuf@smartitengineering.com)>  
Copyright (c) 2008 Jay Rosenthal  
Copyright (c) 2008 Lucid Imagination, Inc.  
Copyright (c) 2008 Red Hat Middleware LLC, and individual contributors by the authors  
Copyright (c) 2008 SWTBot  
Copyright (c) 2008 Stephen Paulin and others  
Copyright (c) 2008 Symbian Software Systems, IBM Corporation and others  
Copyright (c) 2008 The Guava Authors  
Copyright (c) 2008 VeriSign, Inc.  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2008 Zerr and others  
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2008-2009 IBM Corporation and others. featureName Eclipse p2 Provisioning  
Copyright (c) 2008-2009 Mateusz Matela, IBM Corporation and others  
Copyright (c) 2008-2010 Band XI International, LLC and others  
Copyright (c) 2008-2010 Cedric Chabanois and others  
Copyright (c) 2008-2011 Gunnar Wagenknecht, IBM Corporation and others  
Copyright (c) 2008-2012 - Angelo Zerr and others  
Copyright (c) 2008-2013 Ketan Padegaonkar, Red Hat Inc. and others  
Copyright (c) 2008-2014 Simon Zambrovski and others  
Copyright (c) 2008-2015 Micah Hainline and others  
Copyright (c) 2008-2015 Oakland Software and others  
Copyright (c) 2008-2015 Peter Centgraf and others  
Copyright (c) 2008-2015 Versant Corp. and others  
Copyright (c) 2008-2017 Aleksandra Wozniak and others  
Copyright (c) 2008-2017 Genuitec, LLC and others  
Copyright (c) 2008-2017 Marko Topolnik and others  
Copyright (c) 2008-2017 Sonatype, Inc. and others  
Copyright (c) 2008-2017 Timothy Wall  
Copyright (c) 2008-2018 Jay Rosenthal and others  
Copyright (c) 2008-2018 Oakland Software Incorporated and others  
Copyright (c) 2008-2018 <http://www.inria.fr/> and others  
Copyright (c) 2008-2019 Bredex GmbH and others  
Copyright (c) 2008-2019 Freescale Semiconductor and others  
Copyright (c) 2008-2019 Mateusz Matela and others  
Copyright (c) 2008-2019 SWTBot Committers and others  
Copyright (c) 2008-2020 Angelo Zerr and others  
Copyright (c) 2008-2020 BestSolution.at and others  
Copyright (c) 2008-2020 Ketan Padegaonkar and others  
Copyright (c) 2008-2020 Mort Bay Consulting Pty Ltd and others. Bundle-DocURL <http://www.eclipse.org/jetty>  
Copyright (c) 2008-2020 Mort Bay Consulting Pty Ltd and others. Bundle-DocURL <http://www.eclipse.org/jetty> Import-Package  
Copyright (c) 2008-2020 vogella GmbH and others  
Copyright (c) 2009 Adobe Systems, Inc. and others  
Copyright (c) 2009 Apple Inc.  
Copyright (c) 2009 Avaloq Evolution AG, IBM Corporation and others  
Copyright (c) 2009 Composit Inc., EclipseSource Inc., IBM Corp. and others  
Copyright (c) 2009 Igor Fedorenko <igor@ifedorenko.com>  
Copyright (c) 2009 The JSR-330 Expert Group  
Copyright (c) 2009 W3C  
Copyright (c) 2009 Yahoo! Inc.  
Copyright (c) 2009 Zeligsoft Corporation and others  
Copyright (c) 2009 by [www.indict.net](http://www.indict.net)  
Copyright (c) 2009 [codehaus.org](http://codehaus.org)  
Copyright (c) 2009-2010 - Cloudsmith Inc. and others  
Copyright (c) 2009-2010 Kenn Hussey and others. br  
Copyright (c) 2009-2011 Cloudsmith Inc  
Copyright (c) 2009-2011 FuseSource Corp. <http://fusesource.com>  
Copyright (c) 2009-2012 IBM and others  
Copyright (c) 2009-2015 Avaloq Evolution AG and others  
Copyright (c) 2009-2015 EclipseSource Corporation and others  
Copyright (c) 2009-2015 Remy Chi Jian Suen and others  
Copyright (c) 2009-2015 Siemens AG and others  
Copyright (c) 2009-2016 Google, Inc. International Business Machines Corporation and others  
Copyright (c) 2009-2016 International Business Machines Corporation, Google, Inc. and others  
Copyright (c) 2009-2016 Stuart Knightley <stuart at stuartk.com>  
Copyright (c) 2009-2017 - <https://jhy.io/> Jonathan Hedley  
Copyright (c) 2009-2017 Cloudsmith Inc and others  
Copyright (c) 2009-2017 Cloudsmith and others  
Copyright (c) 2009-2017 IBM Corporation, and others  
Copyright (c) 2009-2017 Obeo  
Copyright (c) 2009-2018 -  
Copyright (c) 2009-2018 OSGi Alliance (2000,  
Copyright (c) 2009-2018 Obeo and others  
Copyright (c) 2009-2018 Texas Instruments and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2009-2020 Cloudsmith Inc. and others  
Copyright (c) 2009-2020 Daniel Le Berre and others  
Copyright (c) 2009-2020 Eclipse Contributors  
Copyright (c) 2009-2020 Ovidio Mallo and others  
Copyright (c) 2010 BestSolution.at, Soyatec and others  
Copyright (c) 2010 Chris Aniszczuk <caniszczuk@gmail.com>  
Copyright (c) 2010 Comosent Inc., IBM and others  
Copyright (c) 2010 Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>  
Copyright (c) 2010 Matthias Sohn <matthias.sohn@sap.com>  
Copyright (c) 2010 Oracle and others. br  
Copyright (c) 2010 Philipp Thun <philipp.thun@sap.com>  
Copyright (c) 2010 Sonatype Inc and others  
Copyright (c) 2010 Thorsten Kamann thorsten@kamann.info  
Copyright (c) 2010 the original author or authors  
Copyright (c) 2010-2011 - Sonatype, Inc. and others  
Copyright (c) 2010-2011 Some Name  
Copyright (c) 2010-2013 EclipseSource Inc. and others  
Copyright (c) 2010-2015 Broadcom Corporation and others  
Copyright (c) 2010-2015 Chris Aniszczuk and others  
Copyright (c) 2010-2015 Sonatype, Inc. and others Bundle-Vendor Eclipse Sisu Bundle-DocURL <http://www.eclipse.org/sisu>  
Copyright (c) 2010-2017 IBM Corporation, SAP AG and others  
Copyright (c) 2010-2017 IBM Corporation, SAP AG.  
Copyright (c) 2010-2017 OSGi Alliance (2004,  
Copyright (c) 2010-2018 OSGi Alliance (2005,  
Copyright (c) 2010-2018 Red Hat, Inc. and others  
Copyright (c) 2010-2018 SAP AG  
Copyright (c) 2010-2018 The Eclipse Foundation  
Copyright (c) 2010-2018 The Eclipse Foundation and others  
Copyright (c) 2010-2018 The Eclipse Foundation, Innoopract  
Copyright (c) 2010-2019 Andrea Guarinoni and others  
Copyright (c) 2010-2019 Pivotal Software, Inc. and others  
Copyright (c) 2010-2020 Matthias Sohn <matthias.sohn@sap.com> and others  
Copyright (c) 2010-2020 SAP AG and others  
Copyright (c) 2011 Hallvard Traetteberg and others. br  
Copyright (c) 2011 IBM Corporation and others. featureName Equinox p2 Core  
Copyright (c) 2011 Intalio Inc and others  
Copyright (c) 2011 Other Name other@example.org  
Copyright (c) 2011 SAP AG.  
Copyright (c) 2011 Stephan Herrmann  
Copyright (c) 2011 Zygmunt Saloni, Wlodzimierz Gruszczynski, Marcin Wolinski, Robert Wolosz  
Copyright (c) 2011-2013 EclipseSourceand others  
Copyright (c) 2011-2015 Fair Isaac Corporation and others  
Copyright (c) 2011-2015 Rudiger Herrmann and others  
Copyright (c) 2011-2016 EclipseSource Muenchen GmbH and others  
Copyright (c) 2011-2016 Google, Inc. and others  
Copyright (c) 2011-2018 WindRiver Corporation and others  
Copyright (c) 2011-2019 Igor Fedorenko  
Copyright (c) 2011-2019 Stephan Herrmann and others  
Copyright (c) 2011-2020 PetalsLink and others  
Copyright (c) 2012 Darmstadt University of Technology and others  
Copyright (c) 2012 Mentor Graphics Corporation and others  
Copyright (c) 2012 Pascal Rapicault and others  
Copyright (c) 2012 Udo Klimaschewski  
Copyright (c) 2012 Wind River and others  
Copyright (c) 2012-2013 Stefan Seelmann and others  
Copyright (c) 2012-2015 GK Software AG and others  
Copyright (c) 2012-2015 MEDEVIT, FHV and others  
Copyright (c) 2012-2016 Red Hat, Inc.  
Copyright (c) 2012-2017 Ecliptical Software Inc. and others  
Copyright (c) 2012-2017 Landmark Graphics Corporation and others  
Copyright (c) 2012-2017 RemainSoftware & Red Hat Inc.  
Copyright (c) 2012-2018 Brian de Alwis and others  
Copyright (c) 2012-2018 Dirk Fauth and others  
Copyright (c) 2012-2018 SSI Schaefer and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2012-2019 Lorenzo Bettini and others  
Copyright (c) 2012-2019 Red Hat  
Copyright (c) 2012-2019 Robin Rosenberg <robin.rosenberg@dewire.com> and others  
Copyright (c) 2012-2020 Ericsson AB and others  
Copyright (c) 2012-2020 Pivotal Software, Inc.  
Copyright (c) 2012-2020 Sebastian Schmidt and others  
Copyright (c) 2013 Brian Eugene Wilson, Robert Martin Campbell  
Copyright (c) 2013 LeRoy Benjamin Sharon  
Copyright (c) 2013 OSGi Alliance (2009,  
Copyright (c) 2013 Red Hat, Inc. and/or its subsidiaries or affiliates  
Copyright (c) 2013 Stefan Seelmann  
Copyright (c) 2013-2014 Tom Schindl <tom.schindl@bestsolution.at> and others  
Copyright (c) 2013-2015 Corporation and others  
Copyright (c) 2013-2015 Google Inc. and others  
Copyright (c) 2013-2017 Marcel Hoetter and others  
Copyright (c) 2013-2017 Markus Alexander Kuppe and others  
Copyright (c) 2013-2017 OSGi Alliance (2007,  
Copyright (c) 2013-2017 OSGi Alliance (2011,  
Copyright (c) 2013-2017 Robin Stocker and others  
Copyright (c) 2013-2018 OSGi Alliance (2001,  
Copyright (c) 2013-2018 OSGi Alliance (2002,  
Copyright (c) 2013-2018 OSGi Alliance (2008,  
Copyright (c) 2013-2018 OSGi Alliance (2010,  
Copyright (c) 2013-2018 OSGi Alliance (2012,  
Copyright (c) 2013-2018 Rapicorn Inc. and others  
Copyright (c) 2013-2019 Pivotal, Inc.  
Copyright (c) 2014 Composit Inc., and others  
Copyright (c) 2014 David Berger <david.berger@logicals.com> and others  
Copyright (c) 2014 Dec 5, Liferay, Inc.  
Copyright (c) 2014 Eike Stepper (Loehne, Germany) and others. br  
Copyright (c) 2014 Gerd Zanker gerd.zanker@web.de  
Copyright (c) 2014 Kalray and others  
Copyright (c) 2014 Stuart Knightley, David Duponchel  
Copyright (c) 2014 itemis AG (<http://www.itemis.eu>) and others  
Copyright (c) 2014 vogella GmbH  
Copyright (c) 2014-2015 Takari, Inc.  
Copyright (c) 2014-2017 Google, Inc and others  
Copyright (c) 2014-2017 Vitaly Puzrin and Andrey Tupitsin  
Copyright (c) 2014-2018 Eike Stepper (Loehne, Germany) and others  
Copyright (c) 2014-2018 Kaloyan Raev and others  
Copyright (c) 2014-2018 Max Hohenegger <eclipse@hohenegger.eu>  
Copyright (c) 2014-2018 OSGi Alliance (2013,  
Copyright (c) 2014-2018 Rapicorn, Inc and others  
Copyright (c) 2014-2019 Google Inc and others  
Copyright (c) 2014-2019 Manumitting Technologies Inc and others  
Copyright (c) 2014-2019 Rapicorn, Inc. and others  
Copyright (c) 2014-2020 Lars Vogel and others  
Copyright (c) 2014-2020 Liferay, Inc.  
Copyright (c) 2014-2020 Raymond Auge and others  
Copyright (c) 2014-2020 Red Hat Inc., and others  
Copyright (c) 2015 Andrey Loskutov and others  
Copyright (c) 2015 Eike Stepper (Berlin, Germany) and others  
Copyright (c) 2015 Feb Raymond Auge and others  
Copyright (c) 2015 Holger Voormann and others  
Copyright (c) 2015 IBM Corporation, Red Hat Inc. and others  
Copyright (c) 2015 Max Hohenegger <eclipse@hohenegger.eu> and others  
Copyright (c) 2015 The Error Prone  
Copyright (c) 2015 Zend Technologies Ltd and others  
Copyright (c) 2015-2017 Ericsson  
Copyright (c) 2015-2017 Fabio Zadrozny and others  
Copyright (c) 2015-2018 Angelo ZERR.  
Copyright (c) 2015-2018 EclipseSource Munich GmbH and others  
Copyright (c) 2015-2018 OSGi Alliance (2014,  
Copyright (c) 2015-2018 Red Hat Inc and Others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2015-2019 Mykola Nikishov  
Copyright (c) 2015-2019 Raymond Auge  
Copyright (c) 2015-2019 Red Hat and others  
Copyright (c) 2015-2020 Max Hohenegger and others  
Copyright (c) 2015-2020 SAP SE and others  
Copyright (c) 2016 Alex Blewitt and others  
Copyright (c) 2016 Cadence Design Systems, Inc. and others  
Copyright (c) 2016 Martin Karpisek and others  
Copyright (c) 2016-2017 Conrad Groth and others  
Copyright (c) 2016-2017 Leo Ufimtsev and others  
Copyright (c) 2016-2017 SSI Schaefer IT Solutions GmbH and others  
Copyright (c) 2016-2018 Andrey Loskutov <loskutov@gmx.de>  
Copyright (c) 2016-2019 TypeFox and others  
Copyright (c) 2016-2019 and later Unicode, Inc. and others  
Copyright (c) 2017 Andreas Loth and others  
Copyright (c) 2017 Bachmann electronic GmbH and others  
Copyright (c) 2017 Daniel Widdis  
Copyright (c) 2017 Fabian Pfaff and others  
Copyright (c) 2017 OSGi Alliance (2006,  
Copyright (c) 2017 Patrik Suzzi  
Copyright (c) 2017 Patrik Suzzi and others  
Copyright (c) 2017 Rogue Wave Software Inc. and others  
Copyright (c) 2017-2018 David Weiser and others  
Copyright (c) 2017-2018 OSGi Alliance (2016,  
Copyright (c) 2018 Andrey Loskutov <loskutov@gmx.de> and others  
Copyright (c) 2018 Bundle-SymbolicName com.github.oshi.oshi-core Built-By  
Copyright (c) 2018 Cadence Design Systems, Inc  
Copyright (c) 2018 Connexa, LLC and others  
Copyright (c) 2018 GK Software SE and others  
Copyright (c) 2018 Jan Liferay, Inc.  
Copyright (c) 2018 Julian Honnen  
Copyright (c) 2018 KGU-Consulting GmbH and others  
Copyright (c) 2018 OSGi Alliance (2017,  
Copyright (c) 2018 Red Hat Inc and others  
Copyright (c) 2018 Simeon Andreev and others  
Copyright (c) 2018 Thomas Wolf <thomas.wolf@paranor.ch>  
Copyright (c) 2018 Thomas Wolf <thomas.wolf@paranor.ch> and others  
Copyright (c) 2018-2019 Altran Netherlands B.V. and others  
Copyright (c) 2018-2019 Angelo ZERR and others  
Copyright (c) 2018-2019 Christian Pontesegger and others  
Copyright (c) 2018-2019 Microsoft Corporation and others  
Copyright (c) 2018-2020 ArSysOp and others  
Copyright (c) 2018-2020 Thomas Wolf and others  
Copyright (c) 2019 Feb. 1, Liferay, Inc.  
Copyright (c) 2019 Feb. 2, Liferay, Inc.  
Copyright (c) 2019 Gradle Inc.  
Copyright (c) 2019 Jan. Liferay, Inc.  
Copyright (c) 2019 Johan Compagner and others  
Copyright (c) 2019 Lakshminarayana  
Copyright (c) 2019 Laurent CARON.  
Copyright (c) 2019 Microsoft  
Copyright (c) 2019 Paul Pazderski and others  
Copyright (c) 2019 Paul Pazderski, Thomas Wolf, and others  
Copyright (c) 2019 Pivotal Inc and others  
Copyright (c) 2019 Pivotal Inc. and others  
Copyright (c) 2019 Pivotal, Inc. and others  
Copyright (c) 2019 Remain BV, Netherlands  
Copyright (c) 2019 Syntevo and others  
Copyright (c) 2019 Tim Neumann <tim.neumann@advantest.com> and others  
Copyright (c) 2019 Uenal Akkaya and others  
Copyright (c) 2019 Yatta Solutions and others  
Copyright (c) 2019 itemis AG.  
Copyright (c) 2019-2020 ArSysOp  
Copyright (c) 2019-2020 Kichwa Coders Canada Inc. and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2019-2020 Marcus Hoepfner and others  
Copyright (c) 2019-2020 Nicolaj Hoess  
Copyright (c) 2020 1C-Soft LLC and others  
Copyright (c) 2020 Jens Lidestrom and others  
Copyright (c) 2020 Matthias Sohn and others  
Copyright (c) Ai1  
Copyright (c) Bundle-Vendor eclipse.org Bundle-DocUrl <http://www.eclipse.org>  
Copyright (c) CreationDate Creator  
Copyright (c) Creator  
Copyright (c) IBM Corpo  
Copyright (c) IBM Corpou  
Copyright (c) International Organization  
Copyright (c) JS Foundation and other contributors  
Copyright (c) LineNumberTable LocalVariableTable  
Copyright (c) Ljava/lang/StringBuilder (Ljava/lang/String )V group  
Copyright (c) Ljava/lang/StringBuilder projects  
Copyright (c) Mort Bay Consulting Pty Ltd  
Copyright (c) OSGi Alliance (2012)  
Copyright (c) OSGi Alliance (2014)  
Copyright (c) OSGi Alliance (2016)  
Copyright (c) OSGi Alliance (2017)  
Copyright (c) Robert de Bath, Joris van Rantwijk, Delian Delchev, Andreas Schultz, Jeroen Massar, Wez Furlong, Nicolas Barry, Justin Bradford, Ben Harris, Malcolm Smith, Ahmad Khalifa, Markus Kuhn, and CORE SDI S.A.  
Copyright (c) by M.I.T.  
Copyright (c) by the Free Software Foundation  
Copyright (c) holder, Aladdin Enterprises of Menlo Park  
Copyright (c) jQuery Foundation and other contributors

### **Copyright: eclipse 4.19**

Copyright (c) 1970-2003 Wm. Randolph Franklin  
Copyright (c) 1989-1999 Free Software Foundation, Inc.  
Copyright (c) 1990-2009 Adobe Systems Incorporated  
Copyright (c) 1991-1998 Thomas G. Lane  
Copyright (c) 1991-2019 Unicode, Inc.  
Copyright (c) 1993 Geoff Kuenning, Granada Hills, CA  
Copyright (c) 1993 Geoff Kuenning, Granada Hills, CA /  
Copyright (c) 1993 by Sun Microsystems, Inc.  
Copyright (c) 1994-2001 World Wide Web Consortium, <http://www.w3.org/>> World Wide Web Consortium  
Copyright (c) 1994-2002 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 1994-2002 <http://www.w3.org/> World Wide Web Consortium, ( <http://www.lcs.mit.edu/> Massachusetts Institute of Technology, <http://www.inria.fr/> Institut National de Recherche en Informatique et en Automatique, <http://www.keio.ac.jp/> Keio University )  
Copyright (c) 1994-2002 <http://www.w3.org/> World Wide Web Consortium, <http://www.lcs.mit.edu/> Massachusetts Institute  
Copyright (c) 1994-2015 Hewlett-Packard Company  
Copyright (c) 1995-2013 Jean-loup Gailly and Mark Adler  
Copyright (c) 1995-2016 International Business Machines Corporation and others  
Copyright (c) 1995-2018 Mort Bay Consulting Pty Ltd.  
Copyright (c) 1995-2020 Mort Bay Consulting Pty Ltd and others  
Copyright (c) 1996 Aki Yoshida  
Copyright (c) 1996 Chih-Hao Tsai Beckman Institute, University of Illinois [c-tsai4@uiuc.edu](mailto:c-tsai4@uiuc.edu) <http://casper.beckman.uiuc.edu/~c-tsai4>  
Copyright (c) 1996-2015 Google, Inc., International Business Machines Corporation and others  
Copyright (c) 1996-2016 Google, International Business Machines Corporation and others  
Copyright (c) 1996-2016 IBM Corporation,  
Copyright (c) 1996-2018 IBM Corporation  
Copyright (c) 1997 Silicon Graphics Computer Systems, Inc.  
Copyright (c) 1997-2005 W3C (MIT, ERCIM, Keio)  
Copyright (c) 1997-2007 Simon Tatham  
Copyright (c) 1997-2018 Oracle and/or its affiliates  
Copyright (c) 1997-2020 The Apache Software Foundation  
Copyright (c) 1998-2000 World Wide Web Consortium (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 1998-2002 W3C (MIT, INRIA, Keio)  
Copyright (c) 1998-2007 World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)  
Copyright (c) 1998-2020 IBM Corporation and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

### Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 1999 Computer Systems and Communication Lab, Institute of Information Science, Academia Sinica  
Copyright (c) 1999 Pai-Hsiang Hsiao  
Copyright (c) 1999 TaBE Project  
Copyright (c) 1999-2002 Lotus Development Corporation., <http://www.lotus.com>  
Copyright (c) 1999-2002 Sun Microsystems., <http://www.sun.com>  
Copyright (c) 1999-2003 IBM Corporation., <http://www.ibm.com>  
Copyright (c) 1999-2013 QOS.ch  
Copyright (c) 2000 Example.com  
Copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>  
Copyright (c) 2000-2003 Nara Institute of Science and Technology  
Copyright (c) 2000-2004 Jason Hunter & Brett McLaughlin  
Copyright (c) 2000-2006 [www.hamcrest.org](http://www.hamcrest.org)  
Copyright (c) 2000-2009 Sun Microsystems, Inc.  
Copyright (c) 2000-2009 [hamcrest.org](http://hamcrest.org)  
Copyright (c) 2000-2010 Eclipse Contributors and others  
Copyright (c) 2000-2011 IBM Corporation and others. br  
Copyright (c) 2000-2011 IBM Corporation, Red Hat, and others  
Copyright (c) 2000-2011 INRIA, France Telecom  
Copyright (c) 2000-2013 IBM Corporation and others. featureName Eclipse Help  
Copyright (c) 2000-2013 IBM Corporation and others. featureName Eclipse Platform Plug-in  
Copyright (c) 2000-2015 - The Legion of the Bouncy Castle Inc. (<http://www.bouncycastle.org>)  
Copyright (c) 2000-2015 Eric Rizzo and others  
Copyright (c) 2000-2016 International Business Machines Corporation  
Copyright (c) 2000-2018 Matt Conway and others  
Copyright (c) 2000-2018 ymnk, JCraft, Inc.  
Copyright (c) 2000-2019 Keith Seitz and others  
Copyright (c) 2000-2019 The Legion of the Bouncy Castle Inc. (<http://www.bouncycastle.org>)  
Copyright (c) 2000-2020 Eclipse  
Copyright (c) 2000-2020 Eclipse contributors  
Copyright (c) 2000-2020 Eclipse contributors and others  
Copyright (c) 2000-2020 IBM Corp  
Copyright (c) 2000-2020 IBM Corp.  
Copyright (c) 2000-2020 Red Hat Inc. and others  
Copyright (c) 2000-2020 ors Termf  
Copyright (c) 2001 DevelopMentor  
Copyright (c) 2001 Dr Martin Porter  
Copyright (c) 2001 The Internet Society and W3C (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 2001 W3C (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University)  
Copyright (c) 2001-2003 ThoughtWorks, Inc. W Washington Ave. Suite Chicago, IL USA  
Copyright (c) 2001-2005 - International Business Machines Corporation and Microsoft Corporation  
Copyright (c) 2001-2005 International Business Machines Corporation and Microsoft Corporation  
Copyright (c) 2001-2005 MetaStuff, Ltd.  
Copyright (c) 2001-2005 The Organization for the Advancement of Structured Information Standards OASIS  
Copyright (c) 2001-2006 Codehaus Foundation  
Copyright (c) 2001-2006 The Codehaus Foundation  
Copyright (c) 2001-2007 - W3C, Standards for Technology in Automotive Retail, and others  
Copyright (c) 2001-2009 Anders Moeller  
Copyright (c) 2001-2010 + The Apache Software Foundation  
Copyright (c) 2001-2010 rCopyright The Apache Software Foundation  
Copyright (c) 2002 Extreme! Lab, Indiana University  
Copyright (c) 2002 Kevin Atkinson ([kevina@gnu.org](mailto:kevina@gnu.org))  
Copyright (c) 2002 Landmark Graphics Corp  
Copyright (c) 2002 Richard Boulton  
Copyright (c) 2002-2003 Stefan Haustein, Oberhausen, Rhld., Germany  
Copyright (c) 2002-2003 mCopyright The Apache Software Foundation  
Copyright (c) 2002-2012 OASIS Open  
Copyright (c) 2002-2015 Atsuhiko Yamanaka, JCraft, Inc.  
Copyright (c) 2002-2018 Eclipse contributors and others.  
Copyright (c) 2002-2018 IBM Corp. and others  
Copyright (c) 2002-2020 EclipseSource and others  
Copyright (c) 2003 CIIR University of Massachusetts Amherst (<http://ciir.cs.umass.edu>)  
Copyright (c) 2003 Center for Intelligent Information Retrieval, University of Massachusetts, Amherst  
Copyright (c) 2003 IBM  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2003-2005 Niklas Een, Niklas Sorensson  
Copyright (c) 2003-2006 BBDO Detroit and others  
Copyright (c) 2004 Composit, Inc., IBM and others  
Copyright (c) 2004 Sun Microsystems  
Copyright (c) 2004 World Wide Web Consortium, (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)  
Copyright (c) 2004-2008 Daniel Le Berre  
Copyright (c) 2004-2009 MAKE Technologies Inc.  
Copyright (c) 2004-2013 Artois University and CNRS  
Copyright (c) 2004-2014 Composit, Inc. and others  
Copyright (c) 2004-2014 Red Hat Incorporated and others  
Copyright (c) 2004-2015 Mylyn project  
Copyright (c) 2004-2016 Google Inc, International Business Machines Corporation and others  
Copyright (c) 2004-2017 MAKE Technologies Inc. and others  
Copyright (c) 2004-2019 QNX Software Systems and others  
Copyright (c) 2004-2020 Eclipse Foundation and others  
Copyright (c) 2004-2020 MAKE Technologies Inc and others  
Copyright (c) 2004-2020 Tasktop Technologies and others  
Copyright (c) 2005 Jacques Savoy  
Copyright (c) 2005-2007 Olivier ROUSSEL and Vasco MANQUINHO  
Copyright (c) 2005-2011 BEA Systems, Inc. and others  
Copyright (c) 2005-2014 - International Business Machines Corporation and others  
Copyright (c) 2005-2014 BEA Systems Inc. and others  
Copyright (c) 2005-2014 db4objects Inc. (<http://www.db4o.com>) and others  
Copyright (c) 2005-2015 Matt Carter and others  
Copyright (c) 2005-2015 db4objects Inc. <http://www.db4o.com>  
Copyright (c) 2005-2015 db4objects Inc. <http://www.db4o.com> and others  
Copyright (c) 2005-2018 BEA Systems, Inc.  
Copyright (c) 2005-2019 Gunnar Wagenknecht and others  
Copyright (c) 2005-2019 Shawn Pearce and others  
Copyright (c) 2005-2020 Cognos Incorporated, IBM Corporation and others  
Copyright (c) 2005-2020 EGit project  
Copyright (c) 2005-2020 Intel Corporation and others  
Copyright (c) 2005-2020 Red Hat Inc.  
Copyright (c) 2005-2020 Shawn Pearce, Robin Rosenberg, et.al  
Copyright (c) 2006 Dawid Weiss  
Copyright (c) 2006 Google Inc. Bundle-Description Guice  
Copyright (c) 2006 Javolution (<http://javolution.org>)  
Copyright (c) 2006 My Company  
Copyright (c) 2006 World Wide Web Consortium  
Copyright (c) 2006-2009 Klaus Wenger, Wind River Systems, IBM Corporation and others  
Copyright (c) 2006-2011 Ben Konrath <[ben@bagu.org](mailto:ben@bagu.org)>  
Copyright (c) 2006-2011 IBM Corporation and others. /  
Copyright (c) 2006-2011 Red Hat Incorporated  
Copyright (c) 2006-2011 the V8 project authors  
Copyright (c) 2006-2013 Wind River Systems, IBM Corporation and others  
Copyright (c) 2006-2015 Google Inc.  
Copyright (c) 2006-2018 Cloudsmith Inc.  
Copyright (c) 2006-2018 Google, Inc.  
Copyright (c) 2006-2018 Wind River Systems and others  
Copyright (c) 2006-2018 Wind River Systems, Inc., IBM Corporation and others  
Copyright (c) 2006-2019 Cerner Corporation and others  
Copyright (c) 2006-2019 Tom Schindl and others  
Copyright (c) 2006-2020 Mountainminds GmbH & Co. KG and Contributors  
Copyright (c) 2006-2020 Mountainminds GmbH Co.  
Copyright (c) 2007 Benjamin Muskalla and others  
Copyright (c) 2007 Composit Inc., IBM Corp, and others  
Copyright (c) 2007 Eclipse Foundation, Inc.  
Copyright (c) 2007 STAR Standards for Technology in Automotive Retail  
Copyright (c) 2007 Standards for Technology in Automotive Retail and others  
Copyright (c) 2007-2011 Dawid Weiss, Marcin Milkowski  
Copyright (c) 2007-2013 Ketan Padegaonkar, Red Hat and others  
Copyright (c) 2007-2013 Sonatype, Inc.  
Copyright (c) 2007-2014 Composit Inc., IBM Corp. and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2007-2015 - IBM Corporation and others  
Copyright (c) 2007-2015 Brad Reynolds and others  
Copyright (c) 2007-2015 Sonatype, Inc and others  
Copyright (c) 2007-2015 Wind River Systems, Inc. and others  
Copyright (c) 2007-2017 Innoopract Informationssysteme GmbH and others  
Copyright (c) 2007-2017 Innoopract Informationssysteme GmbH.  
Copyright (c) 2007-2017 aQute and others  
Copyright (c) 2007-2018 Dakshinamurthy Karra, IBM Corporation and others  
Copyright (c) 2007-2018 David Green and others  
Copyright (c) 2007-2018 Matthew Conway and others  
Copyright (c) 2007-2018 compeople AG and others  
Copyright (c) 2007-2019 JCraft, Inc. and others  
Copyright (c) 2007-2020 EclipseSource  
Copyright (c) 2007-2020 Matthew Hall and others  
Copyright (c) 2008 Alexander Beider & Stephen P. Morse  
Copyright (c) 2008 Imran M Yousuf <imyousuf@smartitengineering.com>  
Copyright (c) 2008 Jay Rosenthal  
Copyright (c) 2008 Luicid Imagination, Inc.  
Copyright (c) 2008 Red Hat Middleware LLC, and individual contributors by the authors  
Copyright (c) 2008 SWTBot  
Copyright (c) 2008 Stephen Paulin and others  
Copyright (c) 2008 Symbian Software Systems, IBM Corporation and others  
Copyright (c) 2008 The Guava Authors  
Copyright (c) 2008 VeriSign, Inc.  
Copyright (c) 2008 Zerr and others  
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2008-2009 IBM Corporation and others. featureName Eclipse p2 Provisioning  
Copyright (c) 2008-2009 Mateusz Matela, IBM Corporation and others  
Copyright (c) 2008-2010 Band XI International, LLC and others  
Copyright (c) 2008-2010 Cedric Chabanois and others  
Copyright (c) 2008-2011 Gunnar Wagenknecht, IBM Corporation and others  
Copyright (c) 2008-2012 - Angelo Zerr and others  
Copyright (c) 2008-2013 Ketan Padegaonkar, Red Hat Inc. and others  
Copyright (c) 2008-2014 Simon Zambrovski and others  
Copyright (c) 2008-2015 Micah Hainline and others  
Copyright (c) 2008-2015 Oakland Software and others  
Copyright (c) 2008-2015 Peter Centgraf and others  
Copyright (c) 2008-2015 Versant Corp. and others  
Copyright (c) 2008-2017 Aleksandra Wozniak and others  
Copyright (c) 2008-2017 Genuitec, LLC and others  
Copyright (c) 2008-2017 Marko Topolnik and others  
Copyright (c) 2008-2017 Sonatype, Inc. and others  
Copyright (c) 2008-2017 Timothy Wall  
Copyright (c) 2008-2018 Jay Rosenthal and others  
Copyright (c) 2008-2018 Oakland Software Incorporated and others  
Copyright (c) 2008-2018 <http://www.inria.fr/> and others  
Copyright (c) 2008-2019 Bredex GmbH and others  
Copyright (c) 2008-2019 Freescale Semiconductor and others  
Copyright (c) 2008-2019 Mateusz Matela and others  
Copyright (c) 2008-2019 SWTBot Committers and others  
Copyright (c) 2008-2020 Angelo Zerr and others  
Copyright (c) 2008-2020 BestSolution.at and others  
Copyright (c) 2008-2020 Ketan Padegaonkar and others  
Copyright (c) 2008-2020 Mort Bay Consulting Pty Ltd and others. Bundle-DocURL <http://www.eclipse.org/jetty>  
Copyright (c) 2008-2020 Mort Bay Consulting Pty Ltd and others. Bundle-DocURL <http://www.eclipse.org/jetty> Import-Package  
Copyright (c) 2008-2020 vogella GmbH and others  
Copyright (c) 2009 Adobe Systems, Inc. and others  
Copyright (c) 2009 Apple Inc.  
Copyright (c) 2009 Avaloq Evolution AG, IBM Corporation and others  
Copyright (c) 2009 Composit Inc., EclipseSource Inc., IBM Corp. and others  
Copyright (c) 2009 Igor Fedorenko <igor@ifedorenko.com>  
Copyright (c) 2009 The JSR-330 Expert Group  
Copyright (c) 2009 W3C  
Copyright (c) 2009 Yahoo! Inc.  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2009 Zeligsoft Corporation and others  
Copyright (c) 2009 by www.imdict.net  
Copyright (c) 2009 codehaus.org  
Copyright (c) 2009-2010 - Cloudsmith Inc. and others  
Copyright (c) 2009-2010 Kenn Hussey and others. br  
Copyright (c) 2009-2011 Cloudsmith Inc  
Copyright (c) 2009-2011 FuseSource Corp. <http://fusesource.com>  
Copyright (c) 2009-2012 IBM and others  
Copyright (c) 2009-2015 Avaloq Evolution AG and others  
Copyright (c) 2009-2015 EclipseSource Corporation and others  
Copyright (c) 2009-2015 Remy Chi Jian Suen and others  
Copyright (c) 2009-2015 Siemens AG and others  
Copyright (c) 2009-2016 Google, Inc. International Business Machines Corporation and others  
Copyright (c) 2009-2016 International Business Machines Corporation, Google, Inc. and others  
Copyright (c) 2009-2016 Stuart Knightley <stuart at stuartk.com>  
Copyright (c) 2009-2017 - <https://jhy.io/> Jonathan Hedley  
Copyright (c) 2009-2017 Cloudsmith Inc and others  
Copyright (c) 2009-2017 Cloudsmith and others  
Copyright (c) 2009-2017 IBM Corporation, and others  
Copyright (c) 2009-2017 Obeo  
Copyright (c) 2009-2018 -  
Copyright (c) 2009-2018 OSGi Alliance (2000,  
Copyright (c) 2009-2018 Obeo and others  
Copyright (c) 2009-2018 Texas Instruments and others  
Copyright (c) 2009-2020 Cloudsmith Inc. and others  
Copyright (c) 2009-2020 Daniel Le Berre and others  
Copyright (c) 2009-2020 Eclipse Contributors  
Copyright (c) 2009-2020 Ovidio Mallo and others  
Copyright (c) 2010 BestSolution.at, Soyatec and others  
Copyright (c) 2010 Chris Aniszczyk <caniszczyk@gmail.com>  
Copyright (c) 2010 Comosent Inc., IBM and others  
Copyright (c) 2010 Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>  
Copyright (c) 2010 Matthias Sohn <matthias.sohn@sap.com>  
Copyright (c) 2010 Oracle and others. br  
Copyright (c) 2010 Philipp Thun <philipp.thun@sap.com>  
Copyright (c) 2010 Sonatype Inc and others  
Copyright (c) 2010 Thorsten Kamann thorsten@kamann.info  
Copyright (c) 2010 the original author or authors  
Copyright (c) 2010-2011 - Sonatype, Inc. and others  
Copyright (c) 2010-2011 Some Name  
Copyright (c) 2010-2013 EclipseSource Inc. and others  
Copyright (c) 2010-2015 Broadcom Corporation and others  
Copyright (c) 2010-2015 Chris Aniszczyk and others  
Copyright (c) 2010-2015 Sonatype, Inc. and others Bundle-Vendor Eclipse Sisu Bundle-DocURL <http://www.eclipse.org/sisu>  
Copyright (c) 2010-2017 IBM Corporation, SAP AG and others  
Copyright (c) 2010-2017 IBM Corporation, SAP AG.  
Copyright (c) 2010-2017 OSGi Alliance (2004,  
Copyright (c) 2010-2018 OSGi Alliance (2005,  
Copyright (c) 2010-2018 Red Hat, Inc. and others  
Copyright (c) 2010-2018 SAP AG  
Copyright (c) 2010-2018 The Eclipse Foundation  
Copyright (c) 2010-2018 The Eclipse Foundation and others  
Copyright (c) 2010-2018 The Eclipse Foundation, Innoo pract  
Copyright (c) 2010-2019 Andrea Guarinoni and others  
Copyright (c) 2010-2019 Pivotal Software, Inc. and others  
Copyright (c) 2010-2020 Matthias Sohn <matthias.sohn@sap.com> and others  
Copyright (c) 2010-2020 SAP AG and others  
Copyright (c) 2011 Hallvard Traetteberg and others. br  
Copyright (c) 2011 IBM Corporation and others. featureName Equinox p2 Core  
Copyright (c) 2011 Intalio Inc and others  
Copyright (c) 2011 Other Name other@example.org  
Copyright (c) 2011 SAP AG.  
Copyright (c) 2011 Stephan Herrmann  
Copyright (c) 2011 Zygmunt Saloni, Włodzimierz Gruszczynski, Marcin Wolinski, Robert Wolosz  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2011-2013 EclipseSource and others  
Copyright (c) 2011-2015 Fair Isaac Corporation and others  
Copyright (c) 2011-2015 Rudiger Herrmann and others  
Copyright (c) 2011-2016 EclipseSource Muenchen GmbH and others  
Copyright (c) 2011-2016 Google, Inc. and others  
Copyright (c) 2011-2018 WindRiver Corporation and others  
Copyright (c) 2011-2019 Igor Fedorenko  
Copyright (c) 2011-2019 Stephan Herrmann and others  
Copyright (c) 2011-2020 PetalsLink and others  
Copyright (c) 2012 Darmstadt University of Technology and others  
Copyright (c) 2012 Mentor Graphics Corporation and others  
Copyright (c) 2012 Pascal Rapicault and others  
Copyright (c) 2012 Udo Klimaschewski  
Copyright (c) 2012 Wind River and others  
Copyright (c) 2012-2013 Stefan Seelmann and others  
Copyright (c) 2012-2015 GK Software AG and others  
Copyright (c) 2012-2015 MEDEVIT, FHV and others  
Copyright (c) 2012-2016 Red Hat, Inc.  
Copyright (c) 2012-2017 Ecliptical Software Inc. and others  
Copyright (c) 2012-2017 Landmark Graphics Corporation and others  
Copyright (c) 2012-2017 RemainSoftware & Red Hat Inc.  
Copyright (c) 2012-2018 Brian de Alwis and others  
Copyright (c) 2012-2018 Dirk Fauth and others  
Copyright (c) 2012-2018 SSI Schaefer and others  
Copyright (c) 2012-2019 Lorenzo Bettini and others  
Copyright (c) 2012-2019 Red Hat  
Copyright (c) 2012-2019 Robin Rosenberg <robin.rosenberg@dewire.com> and others  
Copyright (c) 2012-2020 Ericsson AB and others  
Copyright (c) 2012-2020 Pivotal Software, Inc.  
Copyright (c) 2012-2020 Sebastian Schmidt and others  
Copyright (c) 2013 Brian Eugene Wilson, Robert Martin Campbell  
Copyright (c) 2013 LeRoy Benjamin Sharon  
Copyright (c) 2013 OSGi Alliance (2009,  
Copyright (c) 2013 Red Hat, Inc. and/or its subsidiaries or affiliates  
Copyright (c) 2013 Stefan Seelmann  
Copyright (c) 2013-2014 Tom Schindl <tom.schindl@bestsolution.at> and others  
Copyright (c) 2013-2015 Corporation and others  
Copyright (c) 2013-2015 Google Inc. and others  
Copyright (c) 2013-2017 Marcel Hoetter and others  
Copyright (c) 2013-2017 Markus Alexander Kuppe and others  
Copyright (c) 2013-2017 OSGi Alliance (2007,  
Copyright (c) 2013-2017 OSGi Alliance (2011,  
Copyright (c) 2013-2017 Robin Stocker and others  
Copyright (c) 2013-2018 OSGi Alliance (2001,  
Copyright (c) 2013-2018 OSGi Alliance (2002,  
Copyright (c) 2013-2018 OSGi Alliance (2008,  
Copyright (c) 2013-2018 OSGi Alliance (2010,  
Copyright (c) 2013-2018 OSGi Alliance (2012,  
Copyright (c) 2013-2018 Rapicorp Inc. and others  
Copyright (c) 2013-2019 Pivotal, Inc.  
Copyright (c) 2014 Composit Inc., and others  
Copyright (c) 2014 David Berger <david.berger@logicals.com> and others  
Copyright (c) 2014 Dec 5, Liferay, Inc.  
Copyright (c) 2014 Eike Stepper (Loehne, Germany) and others. br  
Copyright (c) 2014 Gerd Zanker gerd.zanker@web.de  
Copyright (c) 2014 Kalray and others  
Copyright (c) 2014 Stuart Knightley, David Duponchel  
Copyright (c) 2014 itemis AG (<http://www.itemis.eu>) and others  
Copyright (c) 2014 vogella GmbH  
Copyright (c) 2014-2015 Takari, Inc.  
Copyright (c) 2014-2017 Google, Inc and others  
Copyright (c) 2014-2017 Vitaly Puzrin and Andrey Tupitsin  
Copyright (c) 2014-2018 Eike Stepper (Loehne, Germany) and others  
Copyright (c) 2014-2018 Kaloyan Raev and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2014-2018 Max Hohenegger <eclipse@hohenegger.eu>  
Copyright (c) 2014-2018 OSGi Alliance (2013,  
Copyright (c) 2014-2018 Rapicorp, Inc and others  
Copyright (c) 2014-2019 Google Inc and others  
Copyright (c) 2014-2019 Manumitting Technologies Inc and others  
Copyright (c) 2014-2019 Rapicorp, Inc. and others  
Copyright (c) 2014-2020 Lars Vogel and others  
Copyright (c) 2014-2020 Liferay, Inc.  
Copyright (c) 2014-2020 Raymond Auge and others  
Copyright (c) 2014-2020 Red Hat Inc., and others  
Copyright (c) 2015 Andrey Loskutov and others  
Copyright (c) 2015 Eike Stepper (Berlin, Germany) and others  
Copyright (c) 2015 Feb Raymond Auge and others  
Copyright (c) 2015 Holger Voormann and others  
Copyright (c) 2015 IBM Corporation, Red Hat Inc. and others  
Copyright (c) 2015 Max Hohenegger <eclipse@hohenegger.eu> and others  
Copyright (c) 2015 The Error Prone  
Copyright (c) 2015 Zend Technologies Ltd and others  
Copyright (c) 2015-2017 Ericsson  
Copyright (c) 2015-2017 Fabio Zadrozny and others  
Copyright (c) 2015-2018 Angelo ZERR.  
Copyright (c) 2015-2018 EclipseSource Munich GmbH and others  
Copyright (c) 2015-2018 OSGi Alliance (2014,  
Copyright (c) 2015-2018 Red Hat Inc and Others  
Copyright (c) 2015-2019 Mykola Nikishov  
Copyright (c) 2015-2019 Raymond Auge  
Copyright (c) 2015-2019 Red Hat and others  
Copyright (c) 2015-2020 Max Hohenegger and others  
Copyright (c) 2015-2020 SAP SE and others  
Copyright (c) 2016 Alex Blewitt and others  
Copyright (c) 2016 Cadence Design Systems, Inc. and others  
Copyright (c) 2016 Martin Karpisek and others  
Copyright (c) 2016-2017 Conrad Groth and others  
Copyright (c) 2016-2017 Leo Ufimtsev and others  
Copyright (c) 2016-2017 SSI Schaefer IT Solutions GmbH and others  
Copyright (c) 2016-2018 Andrey Loskutov <loskutov@gmx.de>  
Copyright (c) 2016-2019 TypeFox and others  
Copyright (c) 2016-2019 and later Unicode, Inc. and others  
Copyright (c) 2017 Andreas Loth and others  
Copyright (c) 2017 Bachmann electronic GmbH and others  
Copyright (c) 2017 Daniel Widdis  
Copyright (c) 2017 Fabian Pfaff and others  
Copyright (c) 2017 OSGi Alliance (2006,  
Copyright (c) 2017 Patrik Suzzi  
Copyright (c) 2017 Patrik Suzzi and others  
Copyright (c) 2017 Rogue Wave Software Inc. and others  
Copyright (c) 2017-2018 David Weiser and others  
Copyright (c) 2017-2018 OSGi Alliance (2016,  
Copyright (c) 2018 Andrey Loskutov <loskutov@gmx.de> and others  
Copyright (c) 2018 Bundle-SymbolicName com.github.oshi.oshi-core Built-By  
Copyright (c) 2018 Cadence Design Systems, Inc  
Copyright (c) 2018 Connexa, LLC and others  
Copyright (c) 2018 GK Software SE and others  
Copyright (c) 2018 Jan Liferay, Inc.  
Copyright (c) 2018 Julian Honnen  
Copyright (c) 2018 KGU-Consulting GmbH and others  
Copyright (c) 2018 OSGi Alliance (2017,  
Copyright (c) 2018 Red Hat Inc and others  
Copyright (c) 2018 Simeon Andreev and others  
Copyright (c) 2018 Thomas Wolf <thomas.wolf@paranor.ch>  
Copyright (c) 2018 Thomas Wolf <thomas.wolf@paranor.ch> and others  
Copyright (c) 2018-2019 Altran Netherlands B.V. and others  
Copyright (c) 2018-2019 Angelo ZERR and others  
Copyright (c) 2018-2019 Christian Pontesegger and others  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2018-2019 Microsoft Corporation and others  
Copyright (c) 2018-2020 ArSysOp and others  
Copyright (c) 2018-2020 Thomas Wolf and others  
Copyright (c) 2019 Feb. 1, Liferay, Inc.  
Copyright (c) 2019 Feb. 2, Liferay, Inc.  
Copyright (c) 2019 Gradle Inc.  
Copyright (c) 2019 Jan. Liferay, Inc.  
Copyright (c) 2019 Johan Compagner and others  
Copyright (c) 2019 Lakshminarayana  
Copyright (c) 2019 Laurent CARON.  
Copyright (c) 2019 Microsoft  
Copyright (c) 2019 Paul Pazderski and others  
Copyright (c) 2019 Paul Pazderski, Thomas Wolf, and others  
Copyright (c) 2019 Pivotal Inc and others  
Copyright (c) 2019 Pivotal Inc. and others  
Copyright (c) 2019 Pivotal, Inc. and others  
Copyright (c) 2019 Remain BV, Netherlands  
Copyright (c) 2019 Syntevo and others  
Copyright (c) 2019 Tim Neumann <tim.neumann@advantest.com> and others  
Copyright (c) 2019 Uenal Akkaya and others  
Copyright (c) 2019 Yatta Solutions and others  
Copyright (c) 2019 itemis AG.  
Copyright (c) 2019-2020 ArSysOp  
Copyright (c) 2019-2020 Kichwa Coders Canada Inc. and others  
Copyright (c) 2019-2020 Marcus Hoepfner and others  
Copyright (c) 2019-2020 Nicolaj Hoess  
Copyright (c) 2020 1C-Soft LLC and others  
Copyright (c) 2020 Jens Lidestrom and others  
Copyright (c) 2020 Matthias Sohn and others  
Copyright (c) Ai1  
Copyright (c) Bundle-Vendor eclipse.org Bundle-DocUrl <http://www.eclipse.org>  
Copyright (c) CreationDate Creator  
Copyright (c) Creator  
Copyright (c) IBM Corpo  
Copyright (c) IBM Corpou  
Copyright (c) International Organization  
Copyright (c) JS Foundation and other contributors  
Copyright (c) LineNumberTable LocalVariableTable  
Copyright (c) Ljava/lang/StringBuilder (Ljava/lang/String )V group  
Copyright (c) Ljava/lang/StringBuilder projects  
Copyright (c) Mort Bay Consulting Pty Ltd  
Copyright (c) OSGi Alliance (2012)  
Copyright (c) OSGi Alliance (2014)  
Copyright (c) OSGi Alliance (2016)  
Copyright (c) OSGi Alliance (2017)  
Copyright (c) Robert de Bath, Joris van Rantwijk, Delian Delchev, Andreas Schultz, Jeroen Massar, Wez Furlong, Nicolas Barry, Justin Bradford, Ben Harris, Malcolm Smith, Ahmad Khalifa, Markus Kuhn, and CORE SDI S.A.  
Copyright (c) by M.I.T.  
Copyright (c) holder, Aladdin Enterprises of Menlo Park  
Copyright (c) jQuery Foundation and other contributors

### **Copyright: eclipse 4.4.2**

(c) Copyright Eclipse contributors and others 2000, 2014. All rights reserved. Eclipse and the Eclipse logo are trademarks of the Eclipse Foundation, Inc., <https://www.eclipse.org/>.

### **Copyright: fastinfoset 1.2.16**

Copyright (c) 1999-2004 The Apache Software Foundation.  
copyright (c) 1999, International Business Machines, Inc., <http://www.apache.org>.  
Copyright (c) 2004-2018 Oracle and/or its affiliates.

### **Copyright: gf.javax.el.jar 3.0.0**

Copyright (c) 1997-2013 Oracle and/or its affiliates. All rights reserved.

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

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

## Third Party License(s) of Terracotta (TDB) Version 10.11

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

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

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

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

Copyright (c) 2004 The Apache Software Foundation

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

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

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

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

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

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

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

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

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

### **Copyright: glassfish 6**

Copyright (c) 2004-2017 The JS Foundation

Copyright (c) 1997-2020 The Apache Software Foundation

Copyright (c) 1989-1991 Free Software Foundation Inc

Copyright (c) the Free Software Foundation

Copyright (c) 1997-2020 Oracle and/or its affiliates

Copyright (c) 1997-2004 International Business Machines Corporation

Copyright (c) 1997-2020 Oracle and/or its affiliates and others

Copyright (c) 2002-2003 Stefan Haustein Oberhausen Rhld Germany

Copyright (c) 2000-2011 INRIA France Telecom

Copyright (c) 1994-2001 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University

Copyright (c) 2009 The Guava Authors

Copyright (c) 2009-2011 FasterXML LLC

Copyright (c) 2010-2013 Coda Hale and Yammer Inc

Copyright (c) 2011-2016 Twitter Inc

Copyright (c) Written by Doug Lea

Copyright (c) 2008 OSGi Alliance (2005

Copyright (c) 2009 Antonello Pasella antonello.pasella@gmail.com

Copyright (c) 2009 Red Hat Inc

Copyright (c) 2009 The JSR-330 Expert Group

Copyright (c) 2010-2017 Google Inc

Copyright (c) Bean Validation API

Copyright (c) Eric Rowell

Copyright (c) jQuery Foundation

Copyright (c) 1995-2003 IBM Corp

Copyright (c) 1995-2008 International Business Machines Corporation and others

Copyright (c) 2009 www.imdict.net

Copyright (c) 2018-2020 Eclipse Foundation

Copyright (c) 2007 Eclipse Foundation Inc

Copyright (c) 2007-2018 OSGi Alliance (2000

Copyright (c) 2008 Red Hat Middleware LLC and individual contributors by the authors

Copyright (c) 2012-2020 International Business Machines Corp and others

Copyright (c) 1997-2009 Sun Microsystems Inc

Copyright (c) 2001-2004 BEA Systems International Business Machines Corporation Microsoft Corporation Inc

Copyright (c) 2019-2020 Payara Services Ltd

Copyright (c) 2015-2018 OSGi Alliance (2014

Copyright (c) 2002-2004 BEA Systems Inc International Business Machines Corporation Microsoft Corporation Inc SAP AG and Sun Microsystems Inc

Copyright (c) 2004-2008 Emmanouil Batsis

Copyright (c) OASIS

Copyright (c) Vladimir Roubtsov

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2018 OSGi Alliance (2017)  
Copyright (c) 2006 VeriSign Inc  
Copyright (c) 2008-2013 Sun Microsystems Inc CloudBees Inc  
Copyright (c) 2016-2020 Red Hat Inc and individual contributors by the authors  
Copyright (c) 2020 Eclipse Foundation <https://www.eclipse.org/legal>  
Copyright (c) Portions International Organization  
Copyright (c) 2005 JSON.org  
Copyright (c) 2005-2007 Sun Microsystems Inc San Antonio Road Palo Alto California U.S.A  
Copyright (c) 2019-2020 Fujitsu Limited and/or its affiliates  
Copyright (c) 1997-2009 Portions Sun Microsystems Inc  
Copyright (c) 1999-2020 Shigeru Chiba  
Copyright (c) 2001 The Internet Society and W3C (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University  
Copyright (c) 2002-2016 the original author or authors  
Copyright (c) 2005 World Wide Web Consortium  
Copyright (c) 2005-2020 u00a9 Oracle and/or its affiliates  
Copyright (c) 2008-2009 Sun Microsystems  
Copyright (c) 2010-2019 Oracle Corporation  
Copyright (c) 2013 Red Hat Inc and/or its subsidiaries or affiliates  
Copyright (c) 2014 Dave Gandy  
Copyright (c) 2018 Payara Foundation and/or its affiliates  
Copyright (c) HOLDERS AND THE ECLIPSE FOUNDATION  
Copyright (c) 2012-2020 International Business Machines Corp  
Copyright (c) 1991-2007 Unicode Inc  
Copyright (c) 1997-2006 portions Sun Microsystems Inc  
Copyright (c) 1998-2002 W3C (MIT INRIA Keio  
Copyright (c) 1998-2019 IBM Corporation  
Copyright (c) 2001 <http://bcel.sourceforge.net>  
Copyright (c) 2001-2002 SourceForge ISO-RELAX Project (ASAMI Tomoharu Daisuke Okajima Kohsuke Kawaguchi and MURATA Makoto  
Copyright (c) 2001-2003 Thai Open Source Software Center Ltd  
Copyright (c) 2001-2005 Arjuna Technologies Ltd BEA Systems Hitachi Ltd International Business Machines Corporation IONA Technologies  
Microsoft Corporation Inc  
Copyright (c) 2002 Landmark Graphics Corp  
Copyright (c) 2003-2004 Lawrence E Rosen  
Copyright (c) 2004 Kohsuke Kawaguchi  
Copyright (c) 2005 JSON.org',license:'<http://www.JSON.org/license.html>',stringify:function(v  
Copyright (c) 2005-2010 Sam Stephenson  
Copyright (c) 2005-2014 jQuery Foundation Inc  
Copyright (c) 2006 Envoi Solutions LLC  
Copyright (c) 2006 Ivan Sagalaev  
Copyright (c) 2006-2007 OpenAjax Alliance  
Copyright (c) 2007 Yahoo Inc  
Copyright (c) 2007 parts Yahoo Inc  
Copyright (c) 2010 Red Hat Inc and individual contributors by the authors  
Copyright (c) 2010-2014 Michael Bostock  
Copyright (c) 2011 Portions Ken Paulsen  
Copyright (c) 2011-2014 Yehuda Katz  
Copyright (c) 2013 jQuery Foundation Inc and other contributors  
Copyright (c) 2015-2020 Payara and/or its affiliates and others  
Copyright (c) 2018 Yehuda Katz Tom Dale and Ember.js contributors  
Copyright (c) 2018 current.year Eclipse Foundation  
Copyright (c) Bundle-Description  
Copyright (c) Bundle-DocURL Bundle-Source  
Copyright (c) Eclipse Foundation Inc <https://www.eclipse.org/legal/efsl.php> <https://www.eclipse.org/legal/efsl.php>  
Copyright (c) JS Foundation and other contributors  
Copyright (c) Ljava/lang/StringBuffer <http://xml.apache.org/xalan>  
Copyright (c) OSGi Alliance (2016  
Copyright (c) Vladimir Roubtsov EMMA  
Copyright (c) jQuery Foundation and other contributors <https://jquery.org>  
Copyright (c) the JS Foundation  
Copyright (c) 1997 says  
Copyright (c) 1999 IBM Corporation <http://www.ibm.com>  
Copyright (c) 1999 Sun Microsystems <http://www.sun.com>  
Copyright (c) 1999 at iClick Inc software  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2002 Kevin Atkinson (kevina@gnu.org)  
Copyright (c) 2020 Eclipse Foundation and/or its affiliates  
Copyright (c) 2020 LEGAL\_COMPANY\_NAME Eclipse Foundation

### **Copyright: hk2-api 2.6.1**

Copyright (c) 2009, 2013, 2019 Oracle Corporation. All rights reserved  
Copyright (c) 2007, 2010 - 2018 Oracle and/or its affiliates. All rights reserved.  
Copyright (c) 1989, 1991 Free Software Foundation, Inc.

### **Copyright: jakarta.servlet-api 4.0.4**

Copyright (c) 2004 The Apache Software Foundation  
Copyright (c) 1997-2019 Oracle and/or its affiliates and others  
Copyright (c) 1997-2018 Oracle and/or its affiliates  
Copyright (c) 2019 Eclipse Foundation

### **Copyright: jakarta.ws.rs-api 2.1.6**

Copyright (c) 2010-2019 Oracle and/or its affiliates  
Copyright (c) 1989-1991 Free Software Foundation, Inc.  
Copyright (c) 1996-2017 <http://www.oracle.com> Oracle and/or its affiliates  
Copyright (c) 2019 Eclipse Foundation  
Copyright (c) 2006 Google Inc.

### **Copyright: jaxb-xjc 2.3.1**

Copyright (c) 2018 <http://www.oracle.com> Oracle Corporation  
Copyright (c) 1997-2018 Oracle and/or its affiliates  
Copyright (c) 2015 jQuery Foundation and other contributors  
Copyright (c) 2001-2010 Thai Open Source Software Center Ltd  
Copyright (c) 2014 Stuart Knightley David Duponchel  
Copyright (c) 2005-2013 jQuery Foundation Inc and other contributors  
Copyright (c) 2001-2002 SourceForge ISO-RELAX Project (ASAMI Tomoharu Daisuke Okajima Kohsuke Kawaguchi and MURATA Makoto  
Copyright (c) 2004 Kohsuke Kawaguchi  
Copyright (c) 2009-2014 Stuart Knightley <stuart at stuartk.com>

### **Copyright: jersey-client 2.34**

Copyright (c) 2007-2021 <http://www.oracle.com> Oracle and/or its affiliates  
Copyright (c) 2010-2021 Oracle and/or its affiliates  
Copyright (c) 2018-2019 Payara Foundation and/or its affiliates  
Copyright (c) 1989-1991 Free Software Foundation Inc  
Copyright (c) 1994-2001 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University  
Copyright (c) 1999 Shigeru Chiba  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2008 OSGi Alliance (2005  
Copyright (c) 2009 Antonello Pasella antonello.pasella@gmail.com  
Copyright (c) 2009 Red Hat Inc  
Copyright (c) 2009 The Guava Authors  
Copyright (c) 2009 The JSR-330 Expert Group  
Copyright (c) 2009-2011 FasterXML LLC  
Copyright (c) 2010-2013 Coda Hale and Yammer Inc  
Copyright (c) 2010-2017 Google Inc  
Copyright (c) 2011-2016 Twitter Inc  
Copyright (c) Bean Validation API  
Copyright (c) Eric Rowell  
Copyright (c) Written by Doug Lea  
Copyright (c) jQuery Foundation

### **Copyright: jersey-common 2.34**

Copyright (c) 2007-2021 <http://www.oracle.com> Oracle and/or its affiliates  
Copyright (c) 2007-2021 Oracle and/or its affiliates  
Copyright (c) 2006-2014 The Guava Authors  
Copyright (c) 2018 Payara Foundation and/or its affiliates  
Copyright (c) Written by Doug Lea  
Copyright (c) 1989-1991 Free Software Foundation Inc  
Copyright (c) 1994-2001 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University  
Copyright (c) 1999 Shigeru Chiba  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2008 OSGi Alliance (2005



## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2009 Antonello Pasella antonello.pasella@gmail.com

Copyright (c) 2009 Red Hat Inc

Copyright (c) 2009 The JSR-330 Expert Group

Copyright (c) 2009-2011 FasterXML LLC

Copyright (c) 2010-2013 Coda Hale and Yammer Inc

Copyright (c) 2010-2017 Google Inc

Copyright (c) 2011-2016 Twitter Inc

Copyright (c) Bean Validation API

Copyright (c) Eric Rowell

Copyright (c) jQuery Foundation

### **Copyright: jersey-container-servlet-core 2.34**

Copyright (c) 2007-2021 <http://www.oracle.com> Oracle and/or its affiliates

Copyright (c) 2010-2021 Oracle and/or its affiliates

Copyright (c) 1989-1991 Free Software Foundation Inc

Copyright (c) 1994-2001 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University

Copyright (c) 1999 Shigeru Chiba

Copyright (c) 2000-2011 INRIA France Telecom

Copyright (c) 2008 OSGi Alliance (2005

Copyright (c) 2009 Antonello Pasella antonello.pasella@gmail.com

Copyright (c) 2009 Red Hat Inc

Copyright (c) 2009 The Guava Authors

Copyright (c) 2009 The JSR-330 Expert Group

Copyright (c) 2009-2011 FasterXML LLC

Copyright (c) 2010-2013 Coda Hale and Yammer Inc

Copyright (c) 2010-2017 Google Inc

Copyright (c) 2011-2016 Twitter Inc

Copyright (c) Bean Validation API

Copyright (c) Eric Rowell

Copyright (c) Written by Doug Lea

Copyright (c) jQuery Foundation

### **Copyright: jersey-container-servlet 2.34**

Copyright (c) 2007-2021 <http://www.oracle.com> Oracle and/or its affiliates

Copyright (c) 2012-2021 Oracle and/or its affiliates

Copyright (c) 1989-1991 Free Software Foundation Inc

Copyright (c) 1994-2001 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University

Copyright (c) 1999 Shigeru Chiba

Copyright (c) 2000-2011 INRIA France Telecom

Copyright (c) 2008 OSGi Alliance (2005

Copyright (c) 2009 Antonello Pasella antonello.pasella@gmail.com

Copyright (c) 2009 Red Hat Inc

Copyright (c) 2009 The Guava Authors

Copyright (c) 2009 The JSR-330 Expert Group

Copyright (c) 2009-2011 FasterXML LLC

Copyright (c) 2010-2013 Coda Hale and Yammer Inc

Copyright (c) 2010-2017 Google Inc

Copyright (c) 2011-2016 Twitter Inc

Copyright (c) Bean Validation API

Copyright (c) Eric Rowell

Copyright (c) Written by Doug Lea

Copyright (c) jQuery Foundation

Copyright (c) the Free Software Foundation

### **Copyright: jersey-entity-filtering 2.34**

Copyright (c) 2007-2021 <http://www.oracle.com> Oracle and/or its affiliates

Copyright (c) 2013-2020 Oracle and/or its affiliates

Copyright (c) 1989-1991 Free Software Foundation Inc

Copyright (c) 1994-2001 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University

Copyright (c) 1999 Shigeru Chiba

Copyright (c) 2000-2011 INRIA France Telecom

Copyright (c) 2008 OSGi Alliance (2005

Copyright (c) 2009 Antonello Pasella antonello.pasella@gmail.com

Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2009 Red Hat Inc  
Copyright (c) 2009 The Guava Authors  
Copyright (c) 2009 The JSR-330 Expert Group  
Copyright (c) 2009-2011 FasterXML LLC  
Copyright (c) 2010-2013 Coda Hale and Yammer Inc  
Copyright (c) 2010-2017 Google Inc  
Copyright (c) 2011-2016 Twitter Inc  
Copyright (c) Bean Validation API  
Copyright (c) Eric Rowell  
Copyright (c) Written by Doug Lea  
Copyright (c) jQuery Foundation  
Copyright (c) the Free Software Foundation

### **Copyright: jersey-hk2 2.34**

Copyright (c) 2007-2021 <http://www.oracle.com> Oracle and/or its affiliates  
Copyright (c) 2015-2021 Oracle and/or its affiliates  
Copyright (c) 1989-1991 Free Software Foundation Inc  
Copyright (c) 1994-2001 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University  
Copyright (c) 1999 Shigeru Chiba  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2008 OSGi Alliance (2005  
Copyright (c) 2009 Antonello Pasella [antonello.pasella@gmail.com](mailto:antonello.pasella@gmail.com)  
Copyright (c) 2009 Red Hat Inc  
Copyright (c) 2009 The Guava Authors  
Copyright (c) 2009 The JSR-330 Expert Group  
Copyright (c) 2009-2011 FasterXML LLC  
Copyright (c) 2010-2013 Coda Hale and Yammer Inc  
Copyright (c) 2010-2017 Google Inc  
Copyright (c) 2011-2016 Twitter Inc  
Copyright (c) Bean Validation API  
Copyright (c) Eric Rowell  
Copyright (c) Written by Doug Lea  
Copyright (c) jQuery Foundation  
Copyright (c) the Free Software Foundation

### **Copyright: jersey-media-jaxb 2.34**

Copyright (c) 2007-2021 <http://www.oracle.com> Oracle and/or its affiliates  
Copyright (c) 2010-2021 Oracle and/or its affiliates  
Copyright (c) 1989-1991 Free Software Foundation Inc  
Copyright (c) 1994-2001 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University  
Copyright (c) 1999 Shigeru Chiba  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2008 OSGi Alliance (2005  
Copyright (c) 2009 Antonello Pasella [antonello.pasella@gmail.com](mailto:antonello.pasella@gmail.com)  
Copyright (c) 2009 Red Hat Inc  
Copyright (c) 2009 The Guava Authors  
Copyright (c) 2009 The JSR-330 Expert Group  
Copyright (c) 2009-2011 FasterXML LLC  
Copyright (c) 2010-2013 Coda Hale and Yammer Inc  
Copyright (c) 2010-2017 Google Inc  
Copyright (c) 2011-2016 Twitter Inc  
Copyright (c) Bean Validation API  
Copyright (c) Eric Rowell  
Copyright (c) Written by Doug Lea  
Copyright (c) jQuery Foundation  
Copyright (c) the Free Software Foundation

### **Copyright: jersey-media-json-jackson 2.34**

Copyright (c) 2007-2021 <http://www.oracle.com> Oracle and/or its affiliates  
Copyright (c) 2012-2021 Oracle and/or its affiliates  
Copyright (c) 2009-2011 FasterXML LLC  
Copyright (c) 1989-1991 Free Software Foundation Inc  
Copyright (c) 1994-2001 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 1999 Shigeru Chiba  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2008 OSGi Alliance (2005)  
Copyright (c) 2009 Antonello Pasella antonello.pasella@gmail.com  
Copyright (c) 2009 Red Hat Inc  
Copyright (c) 2009 The Guava Authors  
Copyright (c) 2009 The JSR-330 Expert Group  
Copyright (c) 2010-2013 Coda Hale and Yammer Inc  
Copyright (c) 2010-2017 Google Inc  
Copyright (c) 2011-2016 Twitter Inc  
Copyright (c) Bean Validation API  
Copyright (c) Eric Rowell  
Copyright (c) Written by Doug Lea  
Copyright (c) jQuery Foundation  
Copyright (c) the Free Software Foundation

### **Copyright: jersey-server 2.34**

Copyright (c) 2007-2021 <http://www.oracle.com> Oracle and/or its affiliates  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2010-2021 Oracle and/or its affiliates  
Copyright (c) 2010-2013 Coda Hale and Yammer Inc  
Copyright (c) 1994-2001 World Wide Web Consortium (Massachusetts Institute of Technology Institut National de Recherche en Informatique et en Automatique Keio University  
Copyright (c) 2018 Payara Foundation and/or its affiliates  
Copyright (c) 1989-1991 Free Software Foundation Inc  
Copyright (c) 1999 Shigeru Chiba  
Copyright (c) 2008 OSGi Alliance (2005)  
Copyright (c) 2009 Antonello Pasella antonello.pasella@gmail.com  
Copyright (c) 2009 Red Hat Inc  
Copyright (c) 2009 The Guava Authors  
Copyright (c) 2009 The JSR-330 Expert Group  
Copyright (c) 2009-2011 FasterXML LLC  
Copyright (c) 2010-2017 Google Inc  
Copyright (c) 2011-2016 Twitter Inc  
Copyright (c) Bean Validation API  
Copyright (c) Eric Rowell  
Copyright (c) Written by Doug Lea  
Copyright (c) jQuery Foundation

### **Copyright: jetty 9.2.9.v20150224**

Copyright (c) 1995-2013 Mort Bay Consulting Pty. Ltd.

Jetty 9 (as well as 7 and 8) is dual licensed under the Apache License 2.0 and Eclipse Public License 1.0. Jetty is free for commercial use and distribution under the terms of either license, with exceptions listed in the NOTICE file.

Jetty 6 was distributed solely under the Apache License 2.0 with details and exceptions listed in the NOTICE file.

### **Copyright: jsch 5.11.0.202103091610-r**

Copyright (c) 2008-2009 Google Inc  
Copyright (c) 2007 Eclipse Foundation Inc  
Copyright (c) 2008 Robin Rosenberg <robin.rosenberg@dewire.com  
Copyright (c) 2008 Shawn O Pearce <spearce@spearce.org and others  
Copyright (c) 2008 VeriSign Inc  
Copyright (c) 2008-2018 Google Inc and others  
Copyright (c) 2009 Constantine Plotnikov <constantine.plotnikov@gmail.com  
Copyright (c) 2009 JetBrains s.r.o  
Copyright (c) 2018 Thomas Wolf <thomas.wolf@paranor.ch and others  
Copyright (c) 2016 Mark Ingram <markdingram@gmail.com  
Copyright (c) 2018 Sasa Zivkov <sasa.zivkov@sap.com  
Copyright (c) 2020 Michael Dardis <git@md-5.net and others

### **Copyright: mdbootstrap 4.5.13**

Copyright (c) 2018 MDBootstrap.com  
Copyright (c) 2014 - 2018 Alfiana E. Sibuea and other contributors  
Copyright (c) 2018 Daniel Eden  
Copyright (c) 2011 - 2018 The Bootstrap Authors (<https://github.com/twbs/bootstrap/graphs/contributors>)  
Copyright (c) 2001 Robert Penner

Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Copyright (c) 2018 Chart.js Contributors  
Copyright (c) 2008 George McGinley Smith  
Copyright (c) 2018 Federico Zivolo  
Copyright (c) 2011 - 2018 Twitter, Inc.  
Copyright (c) JS Foundation and other contributors  
Copyright (c) 2008 - 2018 SpryMedia Ltd.

### **Copyright: not-going-to-be-commons-ssl 0.3.20**

Copyright (c) 2018 Nick Rupley  
Copyright (c) 1999-2006 The Apache Software Foundation  
Copyright (c) 2000-2017 - The Legion Of The Bouncy Castle (<http://www.bouncycastle.org>)  
Copyright (c) 2007 Mockito  
Copyright (c) 2000-2006 [www.hamcrest.org](http://www.hamcrest.org)

### **Copyright: org.eclipse.jgit.lfs 5.11.0.202103091610-r**

Copyright (c) 2015 Matthias Sohn <[matthias.sohn@sap.com](mailto:matthias.sohn@sap.com) and others  
Copyright (c) 2016-2017 David Pursehouse <[david.pursehouse@gmail.com](mailto:david.pursehouse@gmail.com) and others  
Copyright (c) 2017-2021 Markus Duft <[markus.duft@ssi-schaefer.com](mailto:markus.duft@ssi-schaefer.com) and others  
Copyright (c) 2016-2021 Christian Halstrick <[christian.halstrick@sap.com](mailto:christian.halstrick@sap.com) and others  
Copyright (c) 2007 Eclipse Foundation Inc  
Copyright (c) 2008 VeriSign Inc  
Copyright (c) 2007 Robin Rosenberg <[robin.rosenberg@dewire.com](mailto:robin.rosenberg@dewire.com)  
Copyright (c) 2008 Shawn O Pearce <[spearce@spearce.org](mailto:spearce@spearce.org) and others  
Copyright (c) 2009 Jonas Fonseca <[fonseca@diku.dk](mailto:fonseca@diku.dk)  
Copyright (c) 2015 Sasa Zivkov <[sasa.zivkov@sap.com](mailto:sasa.zivkov@sap.com) and others  
Copyright (c) 2015-2021 Dariusz Luksza <[dariusz@luksza.org](mailto:dariusz@luksza.org) and others  
Copyright (c) 2016 Christian Halstrick <[christian.halstrick@sap.com](mailto:christian.halstrick@sap.com)

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

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

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

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

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

### **Copyright: snakeyaml 1.26**

Copyright (c) 2008 <http://www.snakeyaml.org>  
Copyright (c) 2008 Google Inc.  
Copyright (c) 2003-2010 Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland

### **Copyright: snakeyaml 1.28**

Copyright (c) 2008 <http://www.snakeyaml.org>  
Copyright (c) 2008 Google Inc  
Copyright (c) 2003-2010 Christian d'Heureuse Inventec Informatik AG Zurich Switzerland

### **Copyright: spring-aop 5.3.8**

Copyright (c) 2002-2021 the original author or authors  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

### **Copyright: spring-beans 5.3.8**

Copyright (c) 2002-2021 the original author or authors  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

### **Copyright: spring-context-support 5.3.8**

Copyright (c) 2002-2021 the original author or authors  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

**Copyright: spring-context 5.3.8**

Copyright (c) 2002-2021 the original author or authors  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

**Copyright: spring-core 5.3.8**

Copyright (c) 2002-2021 the original author or authors  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2004 The Apache Software Foundation  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

**Copyright: spring-expression 5.3.8**

Copyright (c) 2002-2021 the original author or authors  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

**Copyright: spring-jcl 5.3.8**

Copyright (c) 2002-2020 the original author or authors  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

**Copyright: spring-messaging 5.3.8**

Copyright (c) 2002-2021 the original author or authors  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

**Copyright: spring-security-saml2-core 1.0.10.RELEASE**

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

**Copyright: spring-webmvc 5.3.8**

Copyright (c) 2002-2021 the original author or authors  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

**Copyright: spring-websocket 5.3.8**

Copyright (c) 2002-2021 the original author or authors  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

**Copyright: spring-web 5.3.8**

Copyright (c) 2002-2021 the original author or authors  
Copyright (c) 1999-2009 OW2 Consortium <<https://www.ow2.org>  
Copyright (c) 2000-2011 INRIA France Telecom  
Copyright (c) 2002-2021 Pivotal Inc  
Copyright (c) 2006-2019 Joe Walnes Henri Tremblay Leonardo Mesquita

## Appendix C - Embedded Copyrights and Licenses

### Embedded Copyright: apache-ant 1.10.10

Copyright (c) 2002 Landmark Graphics Corp  
Copyright (c) jQuery Foundation and other contributors  
Copyright (c) 1995-2013 Jean-loup Gailly and Mark Adler  
Copyright (c) 2014-2017 Vitaly Puzrin and Andrey Tupitsin  
Copyright (c) 2014 Stuart Knightley David Duponchel  
Copyright (c) 1985-2000 MERANT  
Copyright (c) 2009-2016 Stuart Knightley <stuart at stuartk.com  
Copyright (c) JS Foundation and other contributors  
Copyright (c) 2013-2018 Oracle and/or its affiliates  
Copyright (c) null Project

#### Authors:

Erik Hatcher ehatcher@apache.org  
the subbuilds project  
DataType.html  
Timothy Gerard Endres time@ice.com  
Keiron Liddle Aftex Software keiron@aftexsw.com  
running Ant  
Frantisek Kucera  
Dominique Devienne  
Tar IO Streams  
the Apache Software Foundation <http://www.apache.org>  
mailto:bailliez@apache.org Stephane Bailliez  
the ant task family. These project  
Locator.java  
Mike Clark. JDepend  
Marian Petras  
Erich Gamma and Kent Beck. JUnit  
mailto:strong@arielpartners.com Craig Strong  
Peter Donald  
Les Hughes leslie.hughes@rubus.com  
Jan Materne  
the task family. These project  
Merant. p Before  
the JRE FileSystemProvider. Not

### Embedded Copyright: apache-commons-cli 1.3.1

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

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

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

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

Copyright (c) 1997,2004 International Business Machines Corporation. All rights reserved.  
Copyright (c) IBM Corp. 2003.

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

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

### Embedded Copyright: apache-log4j 1.2.16

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

### Embedded Copyright: apache-tomcat 8.5.64

Craig R. McClanahan  
Remy Maucherat  
Mladen Turk  
Jacob Hookom jacob@hookom.net  
Peter Rossbach  
Costin Manolache  
Kin-man Chung  
content Craig R.  
Bip Thelin  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Jan Luehe  
content Yoav  
Amy Roh  
Anil K. Vijendran  
Apache Tomcat JspC.  
Dan Sandberg  
David Becker  
content Filip  
Mark Roth  
Paul Speed  
Pierre Delisle  
content Remy  
Shawn Bayern  
Harish Prabandham  
Rachel Gollub  
Jacob Hookom  
Glenn L. Nielsen  
James Todd gonzo@eng.sun.com  
Mandar Rajee  
Fabien Carrion  
James Duncan Davidson duncan@eng.sun.com  
Dmitri Valdin  
Andy Clark IBM  
Craig McClanahan  
Peter Rossbach pero@apache.org  
Per Bothner  
Mladen Turk mturk@apache.org  
Moto Ishizawa  
content Anil K. Vijendran  
Jason Hunter CTO KA Software httpwww.servlets.com  
content Cedrik LIME  
Vivek Chopra  
Greg Murray  
Danno Ferrin  
Rajiv Mordani  
The Apache Software Foundation httpwww.apache.org  
Ralf S. Engelschall rse@apache.org  
the OpenSSL Project  
content Glenn L.  
Tim Tye  
Peter Donald  
Yoav Shapira  
Mel Martinez mmartinez@g1440.com  
Justyna Horwat  
Jason Hunter jch@eng.sun.com  
Hans Bergsten  
Eric Ye IBM  
dac@eng.sun.com  
Configure Excluded  
the Netty project httpsnetty.io httpsgithub.comnetty-netty-tcnative  
Pier Fumagalli  
the Netty project httpnetty.io httpsgithub.comnetty-netty-tcnative  
content Jean-Frederic  
Eric Young eay@cryptsoft.com  
Tim Hudson tjh@cryptsoft.com  
the OneLineFormatter  
the Tomcat  
Twitter and Netty  
content Peter  
content Allistair  
content Glenn  
content Andrew R.  
Dave Developer dave@mycompany.com  
content Ben Souther  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Craig R. McClanahan Craig.McClanahan@eng.sun.com

the Cluster

the Connector

James Duncan Davidson

Jason Hunter httpwww.servlets.com

Malcolm Edgar

Carson McDonald

Ignacio Ortega

Hans Bergsten hans@gefionsoftware.com

Jayson Falkner

Glenn Nielsen

Neil Graham IBM

Glenn Marcy IBM

dac@sun.com

James Todd gonzo@sun.com

Jim Jagielski

content Andy

content Tim

content Robert

content Les

content David

content Amy

content Jean-Francois

content Christopher

content Mladen

Bill Haneman

Jason Hunter CTO

Gunnar Rjinning

Gabriele Garuglieri

B Stansberry

Peter Lin

Andrew R. Jaquith

John Holman

the Catalina.java

Martin T Dengler root@martindengler.com

Marc Eaddy

Kief Morris kief@kief.com

Sean Legassick

TAMURA Kent kent@trl.ibm.co.jp

Jason Brittain

Takayuki Kaneko

Andre de Jesus

Jean-Frederic Clere

Alex Cruikshank alex@epitonic.com

Henri Gomez

Dan Milstein

Keith Wannamaker

Kevin Seguin

Denis Benoit

Anselm Baird-Smith

Robert Field

Larry Cable

Peter Roszbach pr@webapp.de

Tim Fennell

TAMURA Kent IBM

Andy Clark

Arnaud Le Hors IBM

Michael Glavashevich IBM

Rahul Srivastava Sun Microsystems Inc.

Rod Waldhoff

Richard A. Sitze

Aner Perez aner at ncstech.com

Jacek Laskowski

Glenn Nielsen Rich Catlett



## Third Party License(s) of Terracotta (TDB) Version 10.11

costin@eng.sun.com  
Stefan Freyr Stefansson  
Dirk Verbeeck  
Guillermo Fernandes  
Marc Guillemot

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

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

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

Generator runtime (javacup  
untime) - see LICENSE.txt ===== The source

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

===== Apache Xerces Java Copyright 1999-2006

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

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

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

### Embedded Copyright: bcpj-jdk15on 1.69b04

Keiron Liddle Aftex Software keiron@aftexsw.com

Erik Tews

the Theoretical Computer Science Research Group at TU-Darmstadt Computer Science Department

<httpswww.cryptosource.de> cryptosource GmbH and <httpswww.mtg.de> media Transfer AG

Oliver Merkel

### Embedded Copyright: bcprov-jdk15on 1.69b04

Hongjun Wu

Fauzan Mirza F.U.Mirza@sheffield.ac.uk

Raif S. Naffah

Colin Percival

Erik Tews

the Theoretical Computer Science Research Group at TU-Darmstadt Computer Science Department

<httpswww.cryptosource.de> cryptosource GmbH and <httpswww.mtg.de> media Transfer AG

the Center

### Embedded Copyright: classmate 1.5.1

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has  
been in development since 2007.

It is currently developed by a community of developers, as well as supported  
commercially by FasterXML.com.

### Embedded Copyright: commons-codec 1.13

Copyrights holders and authors:

Apache Maven

Christian Hammers <ch@lathspell.de>

Margaret Odell and Robert Russell

Ulrich Drepper <drepper@redhat.com>

Western Airlines

the Caversham Project at the University of Otago.

### Embedded Copyright: commons-collections 3.2.2

Copyrights holders and authors:

Alban Peignier

Andreas Schlosser

Andrew Freeman

Arron Bates

Arun Mammen Thomas  
Berin Loritsch  
Brian McCallister  
Christian Siefkes  
Christopher Berry  
Chuck Burdick  
Commons-Collections team  
Craig R. McClanahan  
Daniel Rall  
David Leppik  
Dimitar Dimitrov  
Eric Crampton <ccesc@eonomine.com>  
Federico Barbieri  
Gerhard Froehlich  
Henning P. Schmiedehausen  
Henri Yandell  
Herve Quiroz  
Howard Lewis Ship  
James Carman  
James Strachan  
Jan Sorensen  
Janek Bogucki  
Jeff Turner  
Jeff Varszegi  
Joerg Schmuecker  
Jon Schewe  
Jordan Krey  
Julien Buret  
Kazuya Ujihara  
Leo Sutic  
Marc Johnson  
Mario Ivankovits  
Matt Benson  
Matthew Hawthorne  
Mauricio S. Moura  
Max Rydahl Andersen  
Michael A. Smith  
Mike Pettypiece  
Mohan Kishore  
Morgan Delagrange  
Neil O'Toole  
Nicola Ken Barozzi  
Ola Berg  
Paul Jack  
Paul Legato  
Peter Donald  
Peter KoBek  
Phil Steitz  
Rafael U.C. Afonso  
Ralph Wagner  
Ram Chidambaram  
Rich Dougherty  
Robert Ribnitz  
Rodney Waldhoff  
Serge Knystautas  
Serhiy Yevtushenko  
Shinobu Kawai  
Simon Kitching  
Stefano Fornari  
Stephen Colebourne  
Stephen Smith  
Steve Clark  
Steve Downey  
Steve Phelps

## Third Party License(s) of Terracotta (TDB) Version 10.11

Steven Melzer  
Thomas Knych  
Tom Dunham

### **Embedded Copyright: commons-collections4 4.2**

Notices:

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

Copyrights holders and authors:  
Apache Maven  
The Apache Software Foundation  
The Apache Software Foundation.

### **Embedded Copyright: commons-configuration 1.10**

Notices:

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

Copyrights holders and authors:  
<a href <http://commons.apache.org/configuration/team-list.html>'> Commons Configuration team  
Alistair Young  
Commons Configuration team  
Emmanuel Bourg  
Eric Pugh  
Nicolas De Loof  
Oliver Heger  
The Apache Software Foundation  
Trevor Miller

### **Embedded Copyright: commons-configuration2 2.7**

Apache Maven  
Emmanuel Bourg

### **Embedded Copyright: commons-lang 2.6**

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

### **Embedded Copyright: commons-lang3 3.9**

Notices:

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

Copyrights holders and authors:  
Apache Maven  
The Apache Software Foundation

### **Embedded Copyright: commons-validator 1.6**

Notices:

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

Copyrights holders and authors:  
Amazon Registry Services, Inc. auto', // auto Uniregistry, Corp. autos', // autos DERAutos, LLC  
Debbie Dyer, validation.php  
The Apache Software Foundation  
the Internet Assigned Numbers

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

Copyright (c) 2010 Tasktop Technologies and others.  
Copyright (c) 2004, 2007, 2009, 2014 Composit, Inc. and others. All rights reserved.  
Copyright (c) 2010 IBM, Composit, Inc. and others

## Embedded Copyright: eclipse 4.15

<http://www.qos.ch>  
ObjectStreamEncoder Invalid  
Kevin Bourrillion [kevinb@google.com](mailto:kevinb@google.com)  
<http://www.google.com>  
[jschorr@google.com](mailto:jschorr@google.com)  
Mark Goodman  
[avd@google.com](mailto:avd@google.com)  
[nicksantos@google.com](mailto:nicksantos@google.com)  
[ochafik@google.com](mailto:ochafik@google.com)  
[mattloring@google.com](mailto:mattloring@google.com)  
the Initial Developer  
[stevey@google.com](mailto:stevey@google.com)  
[arv@google.com](mailto:arv@google.com)  
[johnlenz@google.com](mailto:johnlenz@google.com)  
[dbk@google.com](mailto:dbk@google.com)  
[robbyw@google.com](mailto:robbyw@google.com)  
[agrieve@google.com](mailto:agrieve@google.com)  
[rdcronin@google.com](mailto:rdcronin@google.com)  
[guido.tapia@picnet.com.au](mailto:guido.tapia@picnet.com.au)  
[bemasc@google.com](mailto:bemasc@google.com)  
[chrismoon@google.com](mailto:chrismoon@google.com)  
<http://objenesis.org/>. Therefore  
[kenton@google.com](mailto:kenton@google.com)  
[cpovirk@google.com](mailto:cpovirk@google.com)  
[crazybob@google.com](mailto:crazybob@google.com)  
[kneton@google.com](mailto:kneton@google.com)  
[jonp@google.com](mailto:jonp@google.com)  
[darick@google.com](mailto:darick@google.com)  
[wenboz@google.com](mailto:wenboz@google.com)  
Mark Davis  
<http://www.jcraft.com>  
Atsuhiko Yamanaka, JCraft, Inc., and others  
[ymnk@jcraft.com](mailto:ymnk@jcraft.com)  
Jean-loup Gailly and Mark Adler and contributors  
the GlassFish community  
Scott Hudson, GVU Center, Georgia Tech. Therefore  
Daniel Lemire [lemire@gmail.com](mailto:lemire@gmail.com)  
The Apache Software Foundation (<http://www.apache.org/>)  
the <http://sourceforge.net/projects/lpg>  
Erik Hatcher ([ehatcher@apache.org](mailto:ehatcher@apache.org))  
<http://www.apache.org>  
[stephane@hillion.org](mailto:stephane@hillion.org)  
Thierry Kormann  
the Apache Software Foundation  
<https://www.apache.org>  
the Apache Software Foundation (<http://www.apache.org/>)  
The Apache Software Foundation  
[uognoc@triton.uog.edu](mailto:uognoc@triton.uog.edu)  
2014-12-18 Amazon Registry Services, Inc.  
Przemyslaw Plewa <[it-admin@domena.pl](mailto:it-admin@domena.pl)>  
Anton Avramov <[avramov@alboto.ca](mailto:avramov@alboto.ca)>  
Mark J. Titorenko <[mark.titorenko@alces-software.com](mailto:mark.titorenko@alces-software.com)>  
Donavan Miller <[donavanm@amazon.com](mailto:donavanm@amazon.com)>  
Luke Wells <[psl-maintainers@amazon.com](mailto:psl-maintainers@amazon.com)>  
Thomas Orozco <[thomas@aptible.com](mailto:thomas@aptible.com)>  
Asei SEKIGUCHI <[mail@aseinet.com](mailto:mail@aseinet.com)>  
Hector Martin <[marcan@euskalencounter.org](mailto:marcan@euskalencounter.org)>  
Vincent Tseng <[vincenttseng@asustor.com](mailto:vincenttseng@asustor.com)>  
Alex Concha <[alex.concha@automattic.com](mailto:alex.concha@automattic.com)>  
Andreas Weise <[a.weise@avm.de](mailto:a.weise@avm.de)>  
James Kennedy <[domains@advisorwebsites.com](mailto:domains@advisorwebsites.com)>  
Olivier Benz <[olivier.benz@b-data.ch](mailto:olivier.benz@b-data.ch)>  
Anthony Voutas <[anthony@backplane.io](mailto:anthony@backplane.io)>  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Petros Angelatos <petrosagg@balena.io>  
Gabor Kozma <info@banzaicloud.com>  
Nathan O'Sullivan <nathan@mammoth.com.au>  
Paul Crowder <paul.crowder@blackbaud.com>  
Tibor Halter <thalter@boomla.com>  
Axel Fontaine <axel@boxfuse.com>  
Miroslav Bozic <security@bplaced.net>  
Dave Tharp <browsersafetymark.io@quicinc.com>  
Paul Cammish <paul.cammish@bytemark.co.uk>  
Marcus Popp <admin@callidomus.com>  
Gavin Brown <gavin.brown@centralnic.com>  
B. Blechschmidt <hostmaster@certmgr.org>  
Alex Stoddard <alex.stoddard@citrix.com>  
Rishabh Nambiar <rishabh.nambiar@discourse.org>  
Leon Rowland <leon@clearvox.nl>  
Quentin Adam <noc@clever-cloud.com>  
Colin Sidoti <colin@clerk.dev>  
Khash Sajadi <khash@cloud66.com>  
Pawel Panek <noc@cloudaccess.net>  
Tobias Wilken <tw@cloudcontrol.com>  
Philip Langdale <security@cloudera.com>  
Jake Riesterer <publicsuffixlist@cloudflare.com>  
Patrick Nielsen <patrick@clovyr.io>  
Govert Versluis <govert@co-co.nl>  
Martin Semrad <semrad@i-registry.cz>  
Jan Krpes <jan.krpes@cdn77.com>  
Aleksander Hristov <noc@cloudns.net>  
Stefan Dimitrov <contact@cloudeity.com>  
Angelo Gladding <angelo@lahacker.net>  
Thomas Wouters <thomas.wouters@combellgroup.com>  
Rene Marticke <rmarticke@cosimo.de>  
Ales Krajnik <ales.krajnik@craynic.com>  
Andrew Cady <public-suffix-list@cryptonomic.net>  
Jonathan Rudenberg <jonathan@cupcake.io>  
Dominic Luechinger <dol@cyon.ch>  
Philipp Heckel <ph@datto.com>  
Anani Voule <digital@digital.co.dk>  
Daniil Burdakov <icqkill@gmail.com>  
Peter Thomassen <peter@desec.io>  
Norbert Auler <mail@dnshome.de>  
Atsadawat Netcharadsang <atsadawat@dotarai.co.th>  
Paul Fang <mis@draytek.com>  
Andrew Farmer <andrew.farmer@dreamhost.com>  
Ricardo Padilha <rpadilha@drobo.com>  
Kevin Bridges <kevin@drud.com>  
Richard Harper <richard@duckdns.org>  
Heikki Hannikainen <hessu@hes.iki.fi>  
Robert Niedziela <webmaster@dnss.de>  
Maxence Bitterli <maxence@definima.com>  
Sue Ye <sue@dynu.com>  
Dominik Menke <dom@digineo.de>  
Vladimir Dudr <info@e4you.cz>  
Thomas Cottier <thomas.cottier@enalean.com>  
<frc1533@ecgrobotics.org>  
Erik Kaareng-Sunde <esu@enonic.com>  
Pierre Beyssac <hostmaster@eu.org>  
Michal Kralik <support@evennode.com>  
Peter Ruibal <public-suffix@fb.com>  
Maxim Alzoba <tech.contact@faitid.org>  
Aman Gupta <aman@getchannels.com>  
Fastly Security <security@fastly.com>  
Likhachev Vasilij <lihachev@fastvps.ru>  
Simon Menke <simon@featherhead.xyz>  
Patrick Uiterwijk <puitewijk@fedoraproject.org>

## Third Party License(s) of Terracotta (TDB) Version 10.11

Koen Van Isterdael <k.vanisterdael@fermax.be>  
Jason Zhu <jason@owtware.com>  
Chris Raynor <chris@firebase.com>  
Jonathan Rudenberg <jonathan@flynn.io>  
Romain Fliedel <rfliedel@freebox.fr>  
Daniel Stone <daniel@fooishbar.org>  
Andreas Schnederle-Wagner <schnederle@futureweb.at>  
David Illsley <david.illsley@digital.cabinet-office.gov.uk>  
Kohei YOSHIDA <tech@gehirn.co.jp>  
Tom Klein <tklein@gentlent.com>  
Patrick Toomey <security@github.com>  
Alex Hanselka <alex@gitlab.com>  
Mads Hartmann <mads@glitch.com>  
Tom Whitwell <tom.whitwell@digital.cabinet-office.gov.uk>  
Jon Shanks <jon.shanks@digital.homeoffice.gov.uk>  
Zoltan Egresi <egresi@globehosting.com>  
Christian Poulter <milchstrasse@goip.de>  
Eduardo Vela <evn@google.com>  
Arseniy Sokolov <security@hakaran.cz>  
Mike Damm <md@md.vc>  
Shahidh K Muhammed <shahidh@hasura.io>  
David Grellscheid <admin@hepforge.org>  
Tom Maher <tmaher@heroku.com>  
Oren Eini <oren@ravendb.net>  
Atanunu Igbunuroghene <publicsuffixlist@hostbip.com>  
Eero Hakkinen <Eero+psl@Hakkinen.fi>  
Simon Morvan <simon@icilalune.com>  
Hannu Aronsson <haa@iki.fi>  
Christian Seitz <chris@in-berlin.de>  
Jacob Slater <whois@igloo.to>  
Gabriel Ferreira <registrobr@interlegis.leg.br>  
Wolfgang Schwarz <admin@intermetrics.de>  
Matthew Hardeman <mhardeman@ipifony.com>  
Kim-Alexander Brodowski <kim.brodowski@iserv.eu>  
Yuji Minagawa <domains-admin@iodata.jp>  
Sergey Ulyashin <ulyashin@jino.ru>  
Brian Bennett <brian.bennett@joyent.com>  
Stefan Keim <admin@js.org>  
Wouter Bakker <hostmaster@kaashosting.nl>  
Martin Dannehl <postmaster@keymachine.de>  
Felipe Keller Braz <felipebraz@kinghost.com.br>  
Roy Keene <rkeene@knightpoint.com>  
Lars Laehn <info@lcube.de>  
Greg Dallavalle <domains@leadpages.net>  
Lelux Admin <publisuffix@lelux.site>  
Greg Holland <greg.holland@lmpm.com>  
Paulo Matos <pmatos@linki.tools>  
Mario Siegenthaler <mario.siegenthaler@linkyard.ch>  
<security@linode.com>  
Victor Velchev <admin@liquidnetlimited.com>  
Remi Mach <remi.mach@loginline.com>  
Ireneusz Maliszewski <ireneusz.maliszewski@lubman.pl>  
Jon Spriggs <admin@lug.org.uk>  
Anton Avramov <register@lukanet.com>  
Damien Tournoud <dtournoud@magento.cloud>  
Jamie McClelland <info@mayfirst.org>  
Ilya Zaretskiy <zaretskiy@corp.mail.ru>  
Tom Whitwell <domains@memset.com>  
Zdenek Sustr <zdenek.sustr@cesnet.cz>  
Radim Janca <janca@cesnet.cz>  
Pierre Carrier <pierre@meteor.com>  
Justin Luk <juluk@microsoft.com>  
Ben Francis <bfrancis@mozilla.com>  
Khannanov Roman <r.khannanov@msk-ix.ru>

## Third Party License(s) of Terracotta (TDB) Version 10.11

Paulus Schoutsen <infra@nabucasa.com>  
Jessica Parsons <jessica@netlify.com>  
Trung Tran <Trung.Tran@neustar.biz>  
Alan Shreve <alan@ngrok.com>  
Nicholas Ford <nick@nimbushosting.co.uk>  
Jeff Wheelhouse <support@nearlyfreespeech.net>  
Steve Russell <steve@now-dns.com>  
Thomas Waldmann <info@nsupdate.info>  
Deven Reza <publicsuffixlist@noip.com>  
Konstantin Nosov <Nosov@nodeart.io>  
Wietse Wind <hello+publicsuffixlist@nodum.io>  
Piotr Zduniak <piotr@nucleos.com>  
Matthew Brown <mattbrown@nyc.mn>  
Dave McCormack <dave.mccormack@nymnom.com>  
Andrew Sampson <andrew@ulterius.io>  
Cole Estep <cole@omnibond.com>  
Eddie Jones <eddie@onefoldmedia.com>  
Sven Marnach <sven@opencraft.com>  
Yngve Pettersen <yngve@opera.com>  
Duarte Santos <domain-admin@outsystemscloud.com>  
Jan Moennich <jan.moennich@ownprovider.com>  
Adam Grand <webmaster@mail.ox.rs>  
Charly Coste <changaco@changaco.oy.lc>  
Derek Myers <derek@pagefog.com>  
Jason Kriss <jason@pagefronthq.com>  
Gary Dylina <gary@pantheon.io>  
Steve Leung <steveleung@peplink.com>  
Frederic VANNIERE <f.vanniere@planet-work.com>  
Nikola Kotur <nikola@platform.sh>  
Maximilian Schieder <maxi@zeug.co>  
Sarah Newman <owner@prgmr.com>  
Jonah Aragon <jonah@privacytools.io>  
Michael Burns <noc@protocol.ai>  
Martin Meier <admin@protonet.io>  
Yaacov Akiba Slama <admin@chirurgiens-dentistes-en-france.fr>  
Kor Nielsen <kor@pubtls.org>  
Xavier De Cock <xdecock@gmail.com>  
Jons Slemmer <jons@redstarconsultants.com>  
Nick Chang <nickchang@qnap.com>  
Patrick Linehan <plinehan@quip.com>  
Jonas Schwartz <jonas@qutheory.io>  
Kirill Pertsev <kika@rackmaze.com>  
Vincent Fiduccia <domains@rancher.com>  
David Fischer <team@readthedocs.org>  
Tim Kramer <tkramer@rhcloud.com>  
Anurag Goel <dev@render.com>  
Mason Clayton <mason@repl.it>  
Tim Perry <tim@resin.io>  
Chris Kastorff <info@rethinkdb.com>  
Jack Price <jack@revitalised.co.uk>  
Jennifer Herting <jchits@rit.edu>  
Asheesh Laroia <asheesh@sandstorm.io>  
Norman Meilick <nm@sbe.de>  
Hanno Bock <hanno@schokokeks.org>  
Shante Adam <shante@skyhat.io>  
Erik Anders <erik.anders@securepoint.de>  
Serhii Bulakh <support@drs.ua>  
Adam Jimenez <adam@shiftcreate.com>  
Alex Bowers <alex@shopblocks.com>  
Craig McMahon <craig@shopitcommerce.com>  
Oliver Graebner <security@mo-siemens.io>  
Skylar Challand <support@siteleaf.com>  
Adrien Gillon <adrien+public-suffix-list@stackhero.io>  
Seth Vincent <sethvincent@gmail.com>

## Third Party License(s) of Terracotta (TDB) Version 10.11

Antonis Kalipetis <akalipetis@sourcelair.com>  
Reza Akhavan <spacekit.io@gmail.com>  
Stefan Neufeind <info@speedpartner.de>  
Jacob Lee <jacob@stdlib.com>  
Philip Hutchins <hostmaster@storj.io>  
Silke Hofstra <syscom@snt.utwente.nl>  
Edwin Balani <sysadmins@srcf.net>  
Dan Miller <dm@sub6.com>  
Fabien Potencier <fabien@symfony.com>  
Boris Rybalkin <syncloud@syncloud.it>  
Rony Weng <ronyweng@synology.com>  
Bjoern Henke <dev-server@taifun-software.de>  
Dominik George <dominik.george@teckids.org>  
Joshua Bayfield <joshua.bayfield@gwiddlefoundation.org.uk>  
Adrian Imboden <adi@thingdust.com>  
Mark Staarink <mark@tlon.io>  
Dustin Ward <dward@townnews.com>  
Phillipp Roll <phillipp.roell@trafficplex.de>  
Rory Breuk <rbreuk@transip.nl>  
Moritz Werner <mwerner@jonaspasche.com>  
Stefan Schwarz <sysadm@united-gameserver.de>  
Ed Moore <Ed.Moore@lib.de.us>  
Danko Aleksejevs <danko@very.lv>  
Simon Kissel <hostmaster@viprinet.com>  
Adnan RIHAN <hostmaster@v-info.info>  
Nathan van Bakel <info@voorloper.com>  
Arnold Hendriks <info@webhare.com>  
Henrique Vicente <security@wedeploy.com>  
Jung Jin <jungseok.jin@wdc.com>  
Yuvi Panda <yuvipanda@wikimedia.org>  
Julian Uphoff <publicsuffixlist@xenoncloud.net>  
XnBay Developer <developer.xncloud@gmail.com>  
Daniel Mostertman <unixbeheer+publicsuffix@xs4all.net>  
Alexander Lodin <security+psl@yandex-team.ru>  
Atul Bhouraskar <atul@yescourse.com>  
Stefano Rivera <stefano@yola.com>  
Mitch Schwenk <mitch@yombo.net>  
Valentin Grimaud <security@yunohost.org>  
Olli Vanhoja <olli@zeit.co>  
Martin Angelov <martin@zine.bg>  
Emil Stahl <esp@zitcom.dk>  
Su Hendro <admin@zone.id>  
JspC. Place  
Chris Taylor, Ceki Gulcu  
Anders Moller  
Martin Porter and Richard Boulton  
Bob Krovetz and Sergio Guzman-Lara  
Jacques Savoy  
Jacques Savoy and Ljiljana Dolamic  
the Egothor project <http://egothor.sf.net>  
Leo Galambos, Martin Kvapil, and Edmond Nolan  
the Carrot2 project  
Dawid Weiss and Marcin Milkowski (<http://morfologik.blogspot.com/>)  
Jan Bruusgaard <Jan.Bruusgaard@ssb.no>  
Apache Maven  
Ovidiu Predescu <ovidiu@cup.hp.com>  
Scott Boag  
the Apache Software Foundation. Your  
API Guardian Team [team@apiguardian.org](mailto:team@apiguardian.org)  
The Legion of the Bouncy Castle [feedback-crypto@bouncycastle.org](mailto:feedback-crypto@bouncycastle.org)  
The Legion of the Bouncy Castle Inc. [feedback-crypto@bouncycastle.org](mailto:feedback-crypto@bouncycastle.org)  
Mike Clark. JDepend  
Erich Gamma and Kent Beck. JUnit  
a <http://www.merant.com/products/pvcs>



## Third Party License(s) of Terracotta (TDB) Version 10.11

Buildship. Project

Tatu Saloranta

Tatu Saloranta (tatu.saloranta@iki.fi)

a community of developers

Rod Johnson, Juergen Hoeller, Alef Arendsen, Colin Sampaleanu, Rob Harrop

Rob Harrop, Juergen Hoeller

Rob Harrop, Juergen Hoeller, Mark Fisher

Juergen Hoeller, Rob Harrop, Mark Fisher

Juergen Hoeller, Rob Harrop, Mark Fisher, Chris Beams

Spring Security

Laurent Pireyn (laurent.pireyn@pisolutions.eu)

Valentin Crettaz (valentin.crettaz@consulthys.com)

Leonardo Pinto (leoviveiros@gmail.com)

Jose Santos

Darren Davison

Juergen Hoeller

Ingres Corporation - initial

Tom Schindl tom.schindl@bestsolution.at

IBM Corporation - initial

Composent, Inc. - initial

the Apache HttpComponents project at <http://hc.apache.org/> <http://hc.apache.org/> . A

the Apache Commons Codec project at <http://jakarta.apache.org/commons/logging/> <http://jakarta.apache.org/commons/logging/> . A copy

Composent, Inc. - initial API and implementation, IBM, Inc. - Initial

Vlad Roubtsov

Committer Message

Matthias Sohn matthias.sohn@sap.com

Name Commit

the Apache Software Foundation / <http://www.apache.org/> [http://www.apache.org](http://www.apache.org/)

the / Apache Software Foundation

Peter Kriens

! IBM Corporation - initial

Intel Corporation - initial API and implementation IBM Corporation

Murray M. Altheim <altheim@eng.sun.com>

Java projects

Geoff Kuenning

Eclipse Runnable JAR

Eclipse Runnable JAR Export Wizard

name Templates.new

James Sutherland

Guy Pelletier

Gordon Yorke

Lombos Auto-generated

Ted A. Carroll (tcarroll@bea.com)

a Web project

Sun Microsystems, Inc.

the authors

a Dynamic Web Project

Shane Clarke

the JDOM Project (<http://www.jdom.org/>)

Jason Hunter and Brett McLaughlin

the Indiana University Extreme! Lab (<http://www.extreme.indiana.edu/>)

javolution (<http://javolution.org/>)

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

Eike Stepper

Ed Merks

her own setup project

contributing a JUnit Plug-in Test

projects

plug-in projects

Eric Gwin

David McCann

a team

content David Dykstal

content Martin Oberhuber

Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

the PVRG group at Stanford  
Display command.revisions.authorToggle.description Toggles  
Michael H Kay, Saxonica Limited Jeni Tennison, Jeni Tennison Consulting Ltd.  
name' Morten Houston Ludvigsen', email' <https://github.com/MortenHoustonLudvigsen>  
name' Evgeny Poberezkin  
name' Elan Shanker', url' <https://github.com/es128>  
name' Joyent', url' [joyent.com](http://joyent.com)  
name' Samuel Reed  
David Mazieres <[dm@lcs.mit.edu](mailto:dm@lcs.mit.edu)>  
Alex Wilson <[alex.wilson@joyent.com](mailto:alex.wilson@joyent.com)>  
name' Jon Schlinkert', url' <https://github.com/jonschlinkert>  
name' Paul Miller', url' <https://paulmillr.com>  
authors' Josh Junon <[i.am.qix@gmail.com](mailto:i.am.qix@gmail.com)> , Heather Arthur <[fayearthur@gmail.com](mailto:fayearthur@gmail.com)>  
name' Matthew Conlen  
name' Isaac Z.  
name' Tobias Koppers  
name' Mathias Bynens', url' <http://mathiasbynens.be>  
name' Microsoft Corporation  
protocol-dts-generator.ts  
Yusuke Suzuki <[utatane.tea@gmail.com](mailto:utatane.tea@gmail.com)>  
Dan Tao <[daniel.tao@gmail.com](mailto:daniel.tao@gmail.com)>  
Andrew Eisenberg <[andrew@eisenberg.as](mailto:andrew@eisenberg.as)>  
name' Mathias Bynens', url' <https://mathiasbynens.be>  
authors' Rod Vagg  
name' Qix', url' <http://github.com/qix>  
name' Yehuda Katz, Tom Dale, Stefan Penner  
name' Nicholas C.  
Nicholas C. Zakas  
Sylvan Mably  
Ian VanSchooten  
Elan Shanker  
Robert Fletcher  
Ian Christian Myers  
George Zahariev  
Toru Nagashima <<https://github.com/mysticatea>>  
Michael Ficarra  
Jonathan Rajavuori  
George Chung  
Vitor Balocco  
Julian Laval  
Chris Meyer  
Burak Yigit Kaya  
Jamund Ferguson  
Sindre Sorhus  
Gajus Kuizinas <[gajus@gajus.com](mailto:gajus@gajus.com)>  
Jonathan Kingston  
Ronald Pijnacker  
Ilya Volodin  
Teddy Katz  
Jed Fox  
Gyandeep Singh  
Toru Nagashima  
Brandon Mills  
Jan Peer Stocklmair <<https://github.com/JPeer264>>  
Alberto Rodriguez  
Matt DuVall <<http://www.mattduvall.com>>  
Patrick Williams  
Vignesh Anand  
Patrick Brosset  
Raphael Pigulla  
Aliaksei Shytkin  
Greg Cochard  
Josh Perez  
Nodeca Team <<https://github.com/nodeca>>  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Aladdin-ADD  
Annie Zhang, Pavel Strashkin  
Kyle T. Nunery  
Keith Cirkel (<http://keithcirkel.co.uk>)  
Matthieu Larcher  
Sharmila Jesupaul  
Vitaly Puzrin  
Peter (Somogyvari) Metz  
Colin Ihrig  
Mathias Schreck <<https://github.com/lo1tuma>>  
Erik Mueller  
Kai Cataldo  
Xie Ding E  
James Garbutt <<https://github.com/43081j>>  
Pete Ward <[peteward44@gmail.com](mailto:peteward44@gmail.com)>  
Kenneth Williams  
Gopal Venkatesan  
Rajendra Patil  
Matt DuVall <<http://www.mattduvall.com>></http:>  
Nat Mote  
Erik Arvidsson  
Stephen Murray  
Christian Schulz <<http://rndm.de>>  
Borislav Zhivkov  
Dieter Oberkofler  
Simen Bekkhus  
David Nelson  
Bence Danyi <[bence@danyi.me](mailto:bence@danyi.me)>  
Matt DuVall <<http://mattduvall.com>></http:>  
James Allardice  
Joshua Peek  
Christophe Porteneuve  
Vincent Lemeunier  
Jary Niebur  
Stewart Rand  
Wil Moore III  
Nat Burns  
Brody McKee  
Andrew Levine  
Benoit Zugmeyer  
Guy Ellis  
Christian Schulz  
Will Klein & Eli White  
Jordan Harband  
Jeroen Engels  
Mark Macdonald  
Glen Mailer  
Joel Feenstra  
Onur Temizkan  
Henry Zhu  
Mike Sidorov  
Alexander Schmidt <<https://github.com/lxanders>>  
Alex LaFroscia  
Pig Fang <<https://github.com/g-plane>>  
Annie Zhang, Henry Zhu  
Keith Cirkel <<http://keithcirkel.co.uk>>  
Mathias Bynens <<http://mathiasbynens.be>></http:>  
Matt DuVall <<http://www.mattduvall.com>></http:> , Brandon Payton  
Mathias Schreck  
Christian Schuller  
Marcin Kumorek  
Jarek Rencz  
Jonathan Wilsson  
Andrew Johnston <<https://github.com/ehjay>>  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Danny Fritz  
Bryan Smith  
Alan Pierce  
Evgeny Poberezkin  
name' Toru Nagashima  
name' Toru Nagashima', url' <https://github.com/mysticatea>  
(<https://github.com/marijnh/acorn/blob/master/AUTHORS>)  
(<https://github.com/babel/babel/blob/master/packages/babylon/AUTHORS>)  
generate-xhtml-entities.js  
Tobias Koppers  
name' Roy Riojas', url' <http://royriojas.com>  
name' Andrea Giammarchi  
name' Mikola Lysenko  
name' Alexey Litvinov  
name' Joyent, Inc  
name' Glen Maddern  
generate-index.js  
name' Simon Lydell  
name' Tom Wu  
name' Kris Zyp  
name' Shahar Soel  
TJ Holowaychuk <[tj@vision-media.ca](mailto:tj@vision-media.ca)>  
Nicholas C. Zakas <[nicholas+npm@nczconsulting.com](mailto:nicholas+npm@nczconsulting.com)> , description' An AST-based  
Seth McLaughlin  
Kael Zhang  
Nicholas C. Zakas <[nicholas+npm@nczconsulting.com](mailto:nicholas+npm@nczconsulting.com)>  
Nick Fitzgerald <[nfitzgerald@mozilla.com](mailto:nfitzgerald@mozilla.com)>  
Rob Huzzey <[robert.huzzey@holidayextras.com](mailto:robert.huzzey@holidayextras.com)>  
Lauri Rooden (<https://github.com/litejs/natural-compare-lite>)  
name' Lauri Rooden', url' <https://github.com/litejs/natural-compare-lite>  
authors' Tobias Reich <[tobias@electerious.com](mailto:tobias@electerious.com)>  
name' Elan Shanker  
name' Mark Dalgleish and Bogdan Chadkin  
Michael Ciniawsky  
James Long  
name' James Long  
Titus Wormer  
Feross Aboukhadijeh <<https://feross.org>>  
Feross Aboukhadijeh <[feross@feross.org](mailto:feross@feross.org)> <<http://feross.org>>  
Brian White  
name' Microsoft Corp.  
name' Klaus Meinhardt  
name' TweetNaCl-js contributors  
external project  
name' TypeFox and others  
Philippe Rathe <[prathe@gmail.com](mailto:prathe@gmail.com)>  
Ariel Flesler  
Harutyun Amirjanyan, ([amirjanyan@gmail.com](mailto:amirjanyan@gmail.com))  
Einar Lielmanis, <[einar@beautifier.io](mailto:einar@beautifier.io)>  
Nochum Sossonko, ([nsossonko@hotmail.com](mailto:nsossonko@hotmail.com))  
name' Einar Otto  
Gorkem Ercan  
../../../../org/eclipse/wst/jsdt/core/dom/rewrite/ASTRewrite.html createCopyTarget-org.eclipse.wst.jsdt.core.dom.ASTNode-'  
createCopyTarget(ASTNode) or ../../../../../../org/eclipse/wst/jsdt/core/dom/rewrite/ASTRewrite.html createStringPlaceholder-java.lang.String-int-'  
createStringPlaceholder(String, int) . The AST  
../../../../org/eclipse/wst/jsdt/core/dom/rewrite/ASTRewrite.html createCopyTarget-org.eclipse.wst.jsdt.core.dom.ASTNode-'  
createCopyTarget(ASTNode) or ../../../../../../org/eclipse/wst/jsdt/core/dom/rewrite/ASTRewrite.html createStringPlaceholder-java.lang.String-int-'  
createStringPlaceholder(String, int) , or another group  
the AST  
Dave Raggett <[dsr@w3.org](mailto:dsr@w3.org)> Arnaud Le Hors <[lehors@w3.org](mailto:lehors@w3.org)>  
within a Web project  
the World Wide Web Consortium  
Charles M. Schulz  
David Jacobs  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Dave Pawson

Learning XSLT.

Joe Walnes , Nat Pryce , Steve Freeman , Neil Dunn and Tom Denley

Mountainminds GmbH Co.

Marcin Mielzynski lopx@gazeta.pl

<http://jonathanhedley.com>

Stefan Bechtold [stefan.bechtold@me.com](mailto:stefan.bechtold@me.com), Johannes Link [business@johanneslink.net](mailto:business@johanneslink.net), Marc Philipp [mail@marcphilipp.de](mailto:mail@marcphilipp.de), Matthias Merdes

[Matthias.Merdes@heidelberg-mobil.com](mailto:Matthias.Merdes@heidelberg-mobil.com), Sam Brannen [sam@sambrannen.com](mailto:sam@sambrannen.com) and Christian Stein [sormuras@gmail.com](mailto:sormuras@gmail.com)

<http://www.junit.org>

<http://www.ow2.org>

Stefan Bechtold [stefan.bechtold@me.com](mailto:stefan.bechtold@me.com), Johannes Link [business@johanneslink.net](mailto:business@johanneslink.net), Marc Philipp [mail@marcphilipp.de](mailto:mail@marcphilipp.de), Matthias Merdes

[Matthias.Merdes@heidelberg-mobil.com](mailto:Matthias.Merdes@heidelberg-mobil.com) and Sam Brannen [sam@sambrannen.com](mailto:sam@sambrannen.com)

QOS.ch

Lasse Collin [lasse.collin@tukaani.org](mailto:lasse.collin@tukaani.org)

<http://www.hp.com/> Hewlett-Packard and <http://www.ibm.com/> IBM

the World Wide Web Consortium

the SAX project

the Apache HttpClient project at <http://jakarta.apache.org/commons/httpclient/> <http://jakarta.apache.org/commons/httpclient/> . A

the Apache Commons Codec project at <http://jakarta.apache.org/commons/codec/> <http://jakarta.apache.org/commons/codec/> . A copy

<http://schwering.org/> Christoph Schwering at <http://moepii.sourceforge.net/> <http://moepii.sourceforge.net/> . A

JmDNS project team at <http://jmdns.sourceforge.net/> <http://jmdns.sourceforge.net/> . A

<http://www.jivesoftware.org/> Jive Software project team at <http://www.igniterealtime.org/> <http://www.igniterealtime.org/> . A

<mailto:sbailliez@apache.org> Stephane Bailliez

other open source projects

Sonatype, Inc. Your

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

Boris Cherny (<https://github.com/bcherny>), Cyrille Tuzi (<https://github.com/cyrilletuzi>), Lucian Buzzo (<https://github.com/lucianbuzzo>), and Roland

Groza (<https://github.com/rolandjitsu>)

Morten Houston Ludvigsen <<https://github.com/MortenHoustonLudvigsen>>

authors' Morten Houston Ludvigsen <<https://github.com/MortenHoustonLudvigsen>>

typescript-eslint/typescript-estree'. AST\_NODE\_TYPES An

Marijn Haverbeke, Ingvar Stepanyan, and various contributors

Marijn Haverbeke, Ingvar Stepanyan, and // various contributors

Niels Provos

types Network.CookieSameSite <https://chromedevtools.github.io/devtools-protocol/tot/Network>

event Network.requestIntercepted <https://chromedevtools.github.io/devtools-protocol/tot/Network>

Contributing (<https://eslint.org/docs/developer-guide/contributing>) Reporting Bugs (<https://eslint.org/docs/developer-guide/contributing/reporting-bugs>)

contributing guidelines (<https://eslint.org/docs/developer-guide/contributing>)

Ariya Hidayat (<https://twitter.com/ariyahidayat>)

(<https://github.com/jquery/esprima/contributors>)

Stefan Thomas <[justmoon@members.fsf.org](mailto:justmoon@members.fsf.org)> (<http://www.justmoon.net>)

Tanya Brassie <<http://tanyabrassie.com>></http:>

Tanya Brassie (<http://tanyabrassie.com/>)

Ahmad Nassri (<https://www.ahmadnassri.com/>)

Qix (<http://github.com/qix->), keywords

the Object constructor. homepage <https://github.com/jonschlinkert/is-plain-object> Returns

the Object constructor. is-primitive (<https://www.npmjs.com/package/is-primitive>) Returns

Aseem Kishore <[aseem.kishore@gmail.com](mailto:aseem.kishore@gmail.com)> , contributors

Nicolas Gallagher (<https://github.com/necolas>)

Boris Yankov <<https://github.com/borisyankov>> , Theodore Brown <<https://github.com/theodorejb>> , David Parsson

<<https://github.com/davidparsson>> , Gabe Moothart <<https://github.com/gmoothart>> , Lukas Zech <<https://github.com/lukas-zech-software>> , Boris

Breuer <<https://github.com/Engineer2B>> , Chris Yungmann <<https://github.com/cyungmann>> , Giles Roadnight <<https://github.com/Roaders>> ,

Yaroslav Admin <<https://github.com/devoto13>> , Domas Trijonis <<https://github.com/fdim>> , Moshe Kolodny <<https://github.com/kolodny>> , Stephen

Farrar <<https://github.com/stephenfarrar>> , Mochamad Arfin <<https://github.com/ndunks>> , and Alex Povar <<https://github.com/zvirja>>

TJ Holowaychuk (<https://github.com/visionmedia/node-querystring>)

a Node Security Project

authors' Alexandru Marasteanu <[hello@alexei.ro](mailto:hello@alexei.ro)> (<http://alexei.ro/>)

the community. They

the Project

authors' Gary Court <[gary.court@gmail.com](mailto:gary.court@gmail.com)>

Eclipse Wild Web

Timothy Wall

Ceki Gulcu

Copyright (c) 2021 Software AG, Darmstadt, Germany

Ray DeCampo  
Tomasz Nurkiewicz  
Carl Harris  
James Strachan Ceki  
Raph Goers  
Torsten Juergeleit  
Tom SH Liu  
Ruediger Dohna  
Aleksey Didik  
Ralph Goers  
James Stauffer  
Anthony Trinh  
Michael Lynch  
Joen Huxhorn  
Maarten Bosteels  
Michael A. McAngus  
Craig McClanahan  
Christopher Lenz  
David Roussel  
Anders Kristensen  
Heinz Richter  
Tommy Becker  
Inderjeet Singh  
Joel Leitch  
Jesse Wilson  
Inderjeet Singh, Joel Leitch  
Bob Lee  
Inderjeet Singh, Joel Leitch, Jesse Wilson  
Kevin Bourrillion  
Sven Mawson  
Charles Fry  
Hayward Chan  
Johannes Henkel  
Craig Berry  
Gregory Kick  
Mike Bostock  
Mike Ward  
Kurt Alfred Kluever  
Ben Yu  
Steve McKay  
Jared Levy  
Laurence Gonsalves  
Jason Lee  
Christopher Swenson  
Austin Appleby  
Julien Silland  
Louis Wasserman  
Harry Heymann  
Martin Buchholz  
Clement Roux  
Adam Winer  
Doug Lea  
Chris Povirk  
Emily Soldal  
Cliff L. Biffle  
Marcin Mikosik  
Robert Konigsberg  
Isaac Shum  
Atkinson, et al. Unlike  
Sverre Sundsdal  
Torbjorn Gannholm  
James Sexton  
Mick Killianey  
Warren Dukes

## Third Party License(s) of Terracotta (TDB) Version 10.11

Nick Kravevich  
Dimitris Andreou  
David Beaumont  
Cliff Biffle  
Colin Decker  
Joshua O'Madadhain  
Omar Darwish  
Kyle Maddison  
Geoff Pike  
Qian Huang  
Nick Piepmeier  
Kevin Damm  
Jean-Philippe Aumasson  
Daniel J. Bernstein  
Alan Green  
Sebastian Kanthak  
Jayaprabhakar Kadarkarai  
Chris Nokleberg  
Bin Zhu  
Michael Lancaster  
Miles Barr  
Keith Bottner  
Apple Chow  
Pete Gillin  
Paul Marks  
Erik Kline  
Hiroshi Yamauchi  
Colin Evans  
Brian Milch  
Luke Sandberg  
Doug Lea and Martin Buchholz  
Darick Tong  
Nishant Thakkar  
Raimundo Mirisola  
Anthony Zana  
Shardul Deo  
Justin T. Sampson  
Eric Fellheimer  
Kyle Littlefield  
Justin Mahoney  
Alex Matevossian  
Catherine Berry  
Jens Nyman  
bolinfest@google.com  
brndn@google.com  
dcc@google.com  
chadkillingsworth@gmail.com  
mkretzschmar@google.com  
tylery@google.com  
dimvar@google.com  
tbreisacher@google.com  
anatol@google.com  
praveenk@google.com  
moz@google.com  
tdeegan@google.com  
chadkillingsworth@missouristate.edu  
blickly@google.com  
bashir@google.com  
nicholas.j.santos@gmail.com  
blickly@gmail.com  
kushal@google.com  
alexeagle@google.com  
bowdidge@google.com  
Mike Samuel <mikesamuel@gmail.com>

## Third Party License(s) of Terracotta (TDB) Version 10.11

jklein@google.com  
chrisn@google.com  
fy@google.com  
lpino@google.com  
mikesamuel@gmail.com  
mknichel@google.com  
izaakr@google.com  
Markus Scherer, Mark Davis  
Laura Werner  
Alan Liu  
Yoshito Umaoka  
Ram Viswanadha  
Syn Wee Quek  
Shaopeng Jia  
M. Davis  
Doug Felt  
Markus W. Scherer Ram  
Markus Scherer  
Mike Cowlshaw  
Shane Carr  
Simon Montagu, Matitiah Allouche  
Markus W. Scherer  
Lina Kemmel  
Mark Davis, Chen-Lieh Huang, Alan Liu  
Chen-Lieh Huang  
Ram Viswanadha, Markus Scherer  
Richard Gillam  
Alan Liu, Markus Scherer  
Helena Shih  
John Emmons  
the RBBI Rule  
Stephen F. Booth  
Mark Davis, Deborah Goldsmith, Chen-Lieh Huang, Alan Liu, Laura Werner  
Deborah Goldsmith, Mark Davis, Chen-Lieh Huang, Alan Liu  
markdavis@google.com  
Roozbeh Pournader  
Steven R. Loomis  
Mark Davis, Deborah Goldsmith, Chen-Lieh Huang, Alan Liu  
Jacob Hookom jacob@hookom.net  
Kin-man Chung  
Jacob Hookom  
Andreas PAX  
Martin Steiger  
Olivier Chafik  
Denis Tulskiy  
Daniel Widdis  
Lyor Goldstein  
amarcionek at gmail.com  
dblock at dblock.org  
Tobias Wolf, wolf.tobias@gmx.net  
mlfreeman at gmail.com  
amarcionek at seven10storage.com  
Christian Schwarz  
Todd Fast, todd.fast@sun.com  
twalljava@dev.java.net  
Markus KARG  
Ralf HAMBERGER  
Minoru Sakamoto  
Rainer Klute (klute@rainer-klute.de)  
Ivan Ridao Freitas, Padrus  
wolf.tobias@gmx.net  
Sheng Liang  
Todd Fast  
wmeissner@gmail.com  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Terracotta (TDB) Version 10.11

twalljava@java.net  
Timothy Wall, twalljava@dev.java.net  
twall@users.sf.net  
Wayne Meissner  
Max Bureck  
Martin Grebac  
Kohsuke Kawaguchi  
Ryan.Shoemaker@Sun.COM  
WS Development Team  
Marek Potociar  
Fabian Ritzmann  
Ryan Shoemaker, Sun Microsystems, Inc.  
Kohsuke Kawaguchi (kohsuke.kawaguchi@sun.com)  
David Megginson, david@megginson.com  
Vivek Pandey  
Kohsuke Kawaguchi, Sun Microsystems, Inc.  
David Megginson  
Kohsuke Kawaguchi (kk@kohsuke.org)  
Bhakti Mehta (bhakti.mehta@sun.com)  
Paul.Sandoz@Sun.Com  
Paul Sandoz  
Bhakti Mehta  
Ryan Shoemaker  
Frank Flannery  
Chris Harris <ckharris@ucsd.edu>  
David MacMahon <davidm@smarts.com>  
David McIntosh  
Daniel Lemire  
Colby Ranger  
Daniel Lemire and Veronika Zenz  
Owen Kaser  
Daniel Lemire and David McIntosh  
Nathan Abramson  
Matthew J. Duftler  
Paul Fremantle  
Nirmal Mukhi  
Matthew J. Duftler (duftler@us.ibm.com)  
Paul Fremantle (pzf@us.ibm.com)  
Nirmal Mukhi (nmukhi@us.ibm.com)  
John Kaputin <kaputin@uk.ibm.com>  
Jeremy Hughes <hughesj@uk.ibm.com>  
Sanjiva Weerawarana  
Joseph Kesselman  
Sanjiva Weerawarana (sanjiva@watson.ibm.com)  
John Kaputin  
Jeremy Hughes  
Owen Burroughs (owenb@uk.ibm.com)  
Kohsuke Kawaguchi (kohsuke.kawaguchi@sun.com) Joseph Fialli  
Sekhar Vajjhala, Sun Microsystems, Inc. Joe Fialli, Sun Microsystems Inc. Kohsuke Kawaguchi, Sun Microsystems, Inc.  
Ryan Shoemaker, Sun Microsystems, Inc. Kohsuke Kawaguchi, Sun Microsystems, Inc. Joe Fialli, Sun Microsystems, Inc.  
Kohsuke Kawaguchi, Joe Fialli  
Joe Fialli  
Kohsuke Kawaguchi, Sun Microsystems, Inc. Ryan Shoemaker, Sun Microsystems, Inc. Joe Fialli, Sun Microsystems, Inc.  
Ryan Shoemaker, Sun Microsystems, Inc. Joe Fialli, Sun Microsystems, Inc.  
Sekhar Vajjhala, Sun Microsystems, Inc.  
Kohsuke Kawaguchi, Sun Microsystems, Inc. Sekhar Vajjhala, Sun Microsystems, Inc.  
Kohsuke Kawaguchi, Sun Microsystems, Inc. Sekhar Vajjhala, Sun Microsystems, Inc.  
Joseph Fialli  
Sekhar Vajjhala, Sun Microsystems Inc. Kohsuke Kawaguchi, Sun Microsystems Inc.  
Marc Hadley  
Bloody Rookie (nemproject@gmx.de)  
the subbuild's project  
the task family. These project  
Locator.java

## Third Party License(s) of Terracotta (TDB) Version 10.11

Frantisek Kucera  
Marian Petras  
Merant. <p> Before  
the JRE FileSystemProvider. // Not  
mailto:cstrong@arielpartners.com' Craeg Strong  
Dominique Devienne  
Keiron Liddle, Aftex Software <keiron@aftexsw.com>  
Timothy Gerard Endres (time@ice.com)  
Tar IO Streams  
Chuck McManis  
E. Haase  
Enver Haase  
<A HREF <http://www.vmeng.com/beard>> Patrick C. Beard  
Konstantin Shagin <konst@cs.technion.ac.il>  
David Dixon-Peugh  
<francis.andre@easynet.fr>  
Ulrich Drepper <drepper@redhat.com>  
Christian Hammers <ch@lathspell.de>  
the Caversham Project at the University of Otago  
Western Airlines  
Margaret Odell and Robert Russell  
Craig R. McClanahan  
Paul Jack  
Stephen Colebourne  
Chuck Burdick  
Andrew Freeman  
Matthew Hawthorne  
James Strachan  
Dimitar Dimitrov  
Peter Donald  
Ram Chidambaram  
Michael A. Smith  
Herve Quiroz  
Berin Loritsch  
Jeff Turner  
Nicola Ken Barozzi  
Matt Benson  
Rodney Waldhoff  
Steve Downey  
Peter KoBek  
Janek Bogucki  
Phil Steitz  
Steven Melzer  
Jon Schewe  
Neil O'Toole  
Stephen Smith  
Simon Kitching  
Marc Johnson  
Mohan Kishore  
Shinobu Kawai  
Arron Bates  
Federico Barbieri  
Arun Mammen Thomas  
Max Rydahl Andersen  
Christopher Berry  
Julien Buret  
Serhiy Yevtushenko  
Robert Ribnitz  
Ola Berg  
Daniel Rall  
Henning P. Schmiedehausen  
Leo Sutic  
Kazuya Ujihara  
James Carman

Andreas Schlosser  
Steve Clark  
Stefano Fornari  
Steve Phelps  
Thomas Knych  
Jordan Krey  
Brian McCallister  
Henri Yandell  
Morgan Delagrance  
David Leppik  
Alban Peignier  
Mauricio S. Moura  
Jan Sorensen  
Ralph Wagner  
Eric Crampton <ccesc@eonomine.com>  
Serge Knystautas  
Howard Lewis Ship  
Rich Dougherty  
Paul Legato  
Jeff Varszegi  
Tom Dunham  
Joerg Schmuecker  
Christian Siefkes  
Commons-Collections team  
Rafael U.C. Afonso  
Mike Pettypiece  
Mario Ivankovits  
Gerhard Froehlich  
Expander or Archiver  
Emmanuel Bourg  
Ortwin Glueck  
Eric Johnson  
Sean C. Sullivan  
Martin Elwin  
Michael Becke  
Mohammad Rezaei, Goldman, Sachs & Co.  
B.C. Holmes  
Rod Waldhoff  
Marc A. Saegesser  
Sam Maloney  
Eric E Johnson  
Oleg Kalnichevski  
Ortwin Gluck  
Christian Kohlschuetter  
Carl A. Dunham  
Jason Hunter jhunter at acm.org  
Ortwin Glck  
Samit Jain (jain.samit@gmail.com)  
jain.samit@gmail.com  
Sung-Gu Park  
Jeff Dever  
Christopher Brown  
<a href http://rome.dev.java.net'>  
Dmitri Plotnikov  
Sergey Vladimirov  
Apache Software Foundation  
Moritz Petersen  
Nikolay Metchev  
Tim O'Brien  
Pete Gieser  
Gary Gregory  
Maarten Coene  
Apache Jakarta POI  
Scott Sanders

## Third Party License(s) of Terracotta (TDB) Version 10.11

Andrew C. Oliver  
Chris Feldhacker  
Norm Deane  
Tomasz Blachowicz  
Justin Couch  
Alex Chaffee (alex@apache.org)  
Eric Pugh  
Daniel L. Rall  
Mario Winterer  
Apache Jakarta Turbine  
Purple Technology  
Antony Riley  
Helge Tesgaard  
<a href <http://jakarta.apache.org/turbine/>> Apache Jakarta Turbine  
Holger Krauth  
Al Chou  
Michael Davey  
Reuben Sivan  
Chris Hyzer  
Scott Johnson  
Tetsuya Kaneuchi  
Rafal Krupinski  
Jason Gritman  
Apache Jakarta Velocity  
Masato Tezuka  
Apache Avalon project  
Chris Webb  
Mike Bowler  
Matthias Eichel  
Travis Reeder  
C. Scott Ananian  
Gary D. Gregory  
Ralph Schaer  
Chris Audley  
Rey Francois  
Gregor Rayman  
Robert Burrell Donkin  
Steve Cohen  
Archimedes Trajano  
Oliver Heger  
Matthew Inger  
Apache Ant  
Robert Scholte  
TeaTrove project  
Brian S O'Neill  
Sean Schofield  
Udo Klimaschewski (<http://about.me/udo.klimaschewski>)  
Karl Wright (kwright@metacarta.com)  
Anil K. Vijendran  
Harish Prabandham  
Shawn Bayern  
Mark Roth  
Hans Bergsten  
Pierre Delisle  
Danno Ferrin  
Costin Manolache  
Mandar Raje  
Remy Maucherat  
Jan Luehe  
Rajiv Mordani  
Denis Benoit  
Anselm Baird-Smith  
Glenn L. Nielsen  
Jayson Falkner

## Third Party License(s) of Terracotta (TDB) Version 10.11

Robert Field  
Larry Cable  
Jean-Francois Arcand  
Peter Rossbach (pr@webapp.de)  
Glenn Nielsen  
Andy Clark, IBM  
TAMURA Kent, IBM  
Andy Clark  
Neil Graham, IBM  
Glenn Marcy, IBM  
Eric Ye, IBM  
Arnaud Le Hors, IBM  
Michael Glavashevich, IBM  
Rahul Srivastava, Sun Microsystems Inc.  
Curt Arnold  
Eirik Lygre  
Andrew Vajoczki  
Heinz Richter, heinz.richter@frogdot.com  
</b> Avy Sharell  
Kevin Steppe  
Brent Sprecher  
Michael J. Sikorsky  
Robert Shaw  
Richard Hurst  
Brad Marlborough  
Richard Wan  
Mark Womack  
James P. Cakalic  
Christopher Taylor  
Paul Austin  
Brian Goetz  
Markus Gebhard markus@jave.de  
the Tokenizer . Common  
Analyzers and Tokenizers  
IndexWriterConfig link IndexDeletionPolicy  
link DirectMonotonicWriter  
<a href mailto:dev@mina.apache.org'> Apache MINA SSHD Project  
<a href http://mina.apache.org'> Apache MINA Project  
Damien Miller  
Arnout J. Kuiper  
Magesh Umasankar  
Richard Evans  
Matthias Reichenbacher  
Oliver Merkel  
the Center  
Hongjun Wu  
Raif S. Naffah  
Colin Percival  
Bob Foster  
Leo Dos Santos  
Christian Dupuis  
Terry Denney  
Steffen Pingel  
Kris De Volder  
Nieraj Singh  
Phillip Webb  
Thomas Risberg  
Elson Yuen  
Andy Clement  
Jonathan West  
Red Hat Incorporated  
an IColumnPresentationFactory  
the Debug Platform  
Pratik Shah  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Alex Selkov  
Alexander Nyssen  
Philip Ritzkopf  
Dan Lee  
Eric Bordeau  
Sven Muller  
Benjamin Schwertfeger (benjamin.schwertfeger@itemis.de)  
Whitney Sorenson  
Randy Hudson  
Daniel Lee  
Dirk Fauth  
Karsten Thoms <karsten.thoms@itemis.de>  
Rene Brandstetter  
Prakash G.R. (grprakash@gmail.com)  
EMF Team  
David Charboneau  
Kevin Bauer  
Paul R. Hoffman  
link EAnnotationItemProviderAdapterFactory  
link EAnnotationItemProviderAdapterFactory getPropertyDescriptors EObject, EAnnotation  
Jeffrey Rodriguez  
Sandy Gao  
TAMURA Kent <kent@trl.ibm.co.jp>  
link DragAndDropCommand create  
Alex Glebov, glebov@us.ibm.com  
The Eclipse Foundation - initial  
David Green  
Carsten Reckord  
Benjamin Muskalla  
Raymond Auge  
Istvan Sajtos  
aniefer@ca.ibm.com  
Ian Bull  
Benjamin Pasero  
Mik Kersten  
Shawn Minto  
Anthony Hunter  
Eric Bordeau, Pratik Shah  
Randy Hudson, Pratik Shah  
Joseph D. Darcy  
Scott Seligman  
Joe Darcy  
content BEA Systems  
Jonah Graham <jonah@kichwacoders.com>  
AST  
link createCopyTarget(ASTNode) or link createStringPlaceholder(String, int) . The AST  
link createCopyTarget(ASTNode) or link createStringPlaceholder(String, int) , or another group  
Ben Konrath <bkonrath@redhat.com>  
the delta processor // while handling the resource change either .classpath change, or project  
Doug Schaefer  
Mike Kucera  
Simeon Andreev  
Bjorn Michael  
rfuhrer@watson.ibm.com  
Vikas Chandra  
R. L. Kulp  
Joe Winchester  
link ProxyPlugin processContributionExtensionPoint(String)  
Richard Lee Kulp  
Scott Rich  
MultiPartInputStream MultiParts  
Aki Yoshida  
Greg Wilkins  
Eugen Neufeld  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Nicolas Pitre  
default, based on the project  
Robert Harder  
rob@iharder.net  
Dmitry Geraskov  
Pascal Fillion  
Danny Ju  
Pat Kelley  
rob.stryker@jboss.com  
rob.stryker@redhat.com  
AidyI Kareh  
Kiril Mitov k.mitov@sap.com  
Jared Jurkiewicz  
Sachin P Patel  
Sachin Patel  
Kaloyan Raev  
Dimitar Giormov  
Fabrizio Giustina  
Gilbert Andrews  
ian.trimble@oracle.com  
Georgi Vachkov  
Georgi Vachkov, Danail Branekov  
Hristo Sabev  
Georgi Hristov I036201  
Georgi Hristov  
Danail Branekov  
Joerg Dehmel  
Plamen Pavlov  
Mladen Tomov  
Peter Moogk  
cbrealey A JDTRResolver  
Fred Bricon  
Igor Fedorenko  
Eugene Kuleshov XXX  
Eugene Kuleshov  
Jason van Zyl  
Herve Boutemy  
Roberto Sanchez  
Dmitry Platonoff  
Benjamin Bentmann  
Dmitri Maximovich  
Anton Kraev  
Lukas Krecan  
Guillaume Sauthier  
Mike Haller  
along with the new project  
Anton Kraev, Milos Kleint  
Milos Kleint  
Mike Hogue  
Miles Parker  
Mike Poindexter  
Ian Trimble  
Snjezana Peco  
Lars Kodderitzsch  
Xavier Coulon  
Stephane Nicoll <snicoll@apache.org>  
Brad O'Hearne <brado@neurofire.com>  
Alef Arendsen  
Rob Harrop  
Charley Wang  
Rob Elves  
Frank Becker  
Robert Elves  
Maarten Meijer

## Third Party License(s) of Terracotta (TDB) Version 10.11

Hiroyuki Inaba  
Thomas Ehrhoefer  
Sam Davis  
Manuel Doninger  
Torsten Kalix  
Ken Sueda  
Wesley Coelho  
Kevin Sawicki (kevin@github.com)  
John Kristian  
Nathan Hapke  
Torkild U. Resheim  
Torkild Ulvoy Resheim  
Balazs Brinkus  
Willian Mitsuda  
Helen Bershadskaya  
Kevin Sawicki  
Bahadir Yagan  
Eric Booth  
Sebastian Schmidt  
Jevgeni Holodkov  
Brock Janiczak  
Izzet Safer  
Gregory Amerson  
Leah Findlater  
Gail Murphy  
Brian de Alwis  
Fabio Zadrozny  
Jeff Pound  
Eugene Kleshov  
Lily Guo  
Flavio Donze  
Peter Stibrany  
David Shepherd  
Mike Wu  
Vaughan Hilts  
Abner Ballardo  
Jakub Jurkiewicz  
Frank Bwcker  
Jingwen Ou  
Xiaoyang Guan  
Raphael Ackermann  
Terry Hon  
Andreas Hoehmann  
Gunnar Wagenknecht  
Stefan Seelmann  
Jeremie Bresson  
Patrik Suzzi  
Igor Malinin  
Paul Lin  
Daniel Migowski  
Billy Huang  
Peter Frieese  
Matthias Kempka  
Torkild U. Resheim, MARINTEK  
Mat Booth  
Nicolas Bros  
the <a href <http://www.iana.org/assignments/media-types/>>  
Team  
Dmitry Kornilov  
Marcel Valovy, Dmitry Kornilov  
Marcel Valovy  
Miroslav Kos  
Martin Vojtek  
Martin Vojtek (martin.vojtek@oracle.com)  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Terracotta (TDB) Version 10.11

markus.schorn@windriver.com  
platform.ui  
Dan Rubel  
Prakash G.R.  
Hitesh Soliwal  
content Manumitting Technologies  
Prakash G. R.  
HeapStatus Lars Vogel <Lars.Vogel@vogella.com>  
Dan Rubel (dan\_rubel@instantiations.com)  
dan\_rubel@instantiations.com  
Jan Diederich  
Genady Beryozkin, me@genady.org  
John Mourra  
jlanuti Headless Validate Edit Context  
link DragAndDropManager create  
Lawrence Mandel, IBM  
Angelo Zerr <angelo.zerr@gmail.com>  
Ilya Buziuk <ilyabuziuk@gmail.com>  
Ilya Buziuk  
Shane Bryzak  
V.V.  
Mark Hutchinson  
israelgd@mx1.ibm.com  
Nitin Dahyabhai  
cbrealey@ca.ibm.com  
the Web Services Explorer  
gilberta@ca.ibm.com  
cbrealey A WebServiceCategory  
David Lauzon, IBM  
Peter Brittenham (peterbr@us.ibm.com)  
Jim Clune  
Graham Turrell (gturrell@uk.ibm.com)  
Peter Brittenham  
Graham Turrell  
Neil Delima (nddelima@ca.ibm.com)  
David Lauzon (lauzond@ca.ibm.com)  
Sergey Suhoruchkin  
Peter Brittenham (peterbr.us.ibm.com)  
K.Nakagome@BeaconIT Japan SIG  
Graham Turrell, IBM UK  
Vitali Fedosenko  
Ilya Kanonirov (kio@isg.axmor.com)  
Graham Turrell IBM  
Andrey Kulik  
Lawrence Mandel (lmandel@ca.ibm.com)  
Jeffrey Liu (jeffliu@ca.ibm.com)  
Wajiha Rehman  
Craig Salter, IBM  
Ernest Mah (ernest@ca.ibm.com)  
David Carver  
ebelisar@ca.ibm.com  
other business applications acct:customer xmlns:acct http://www.my.com/acct-REV10' acct:name Corporation  
Doug Satchwell  
Jesper Steen  
Lars Vogel  
Jesper Steen Moeller  
Shane\_Curcuru@us.ibm.com  
Sebastian Zarnekow  
Sven Effttinge  
Stephane Galland  
Jan Koehnlein  
Facundo Etchezar  
Karsten Thoms  
Anton Kosyakov  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Steve Freeman <http://www.hamcrest.com>  
Neil Dunn  
Joe Walnes  
Nat Pryce  
Steve Freeman  
Brett McLaughlin  
Jason Hunter  
Elliote Rusty Harold  
Wesley Biggs  
Victor Toni  
Alex Rosen  
Philippe Riand  
Bradley S. Huffman  
Dan Schaffer  
Ken Rune Holland  
Phil Nelson  
Jools Enticknap  
Lucas Gonze  
Kevin Regan  
Yusuf Goolamabbas  
Kent C. Johnson  
Philip Nelson  
Steven Gould  
Laurent Bihanic  
[phil@triloggroup.com](mailto:phil@triloggroup.com)  
Matthew Merlo  
Elliote Rusty Harold  
Fred Trimble  
Jason Reid  
Wolfgang Werner  
David & Will from Post  
Alex Chaffee  
Jonathan Hedley  
Jonathan Hedley, [jonathan@hedley.net](mailto:jonathan@hedley.net)  
[kcooney@google.com](mailto:kcooney@google.com)  
Tibor Digana  
Kevin Cooney  
Roger Lawrence  
Norris Boyd  
Raphael Speyer  
Igor Bukanov  
Brendan Eich  
Matthias Radestock  
Mike McCabe  
Mike Shaver  
Frank Mitchell  
Matthew Crumley, Raphael Speyer  
Attila Szegedi  
Nick Thompson  
Mike Harm  
Hannes Wallnoefer  
Steve Yegge  
Philip Milne  
Scott Violet  
Patrick C. Beard <[beard@netscape.com](mailto:beard@netscape.com)>  
Patrick C. Beard  
Andre Bargull  
Eric Bruneton  
Juozas Baliuka  
Prashant Deva  
Niko Matsakis  
Remi Forax  
Rajendra Inamdar, Vishal Vishnoi  
Adrian Sampson

Jason Zaugg  
Thomas Hallgren  
Sam Brannen  
Marc Philipp  
Johannes Link  
Robert Elliot  
Joern Huxhorn  
Alexander Dorokhine  
Wessel van Norel  
Lukasz Cwik  
Chetan Mehrotra  
Lasse Collin <lasse.collin@tukaani.org>  
Lasse Collin <lasse.collin@tukaani.org> Igor Pavlov <<http://7-zip.org>></http:>  
Lasse Collin and/or Igor Pavlov  
Philippe Le Hegaret

**Embedded Copyright: eclipse 4.16**

Dmitri Plotnikov  
Ketan Padegaonkar KetanPadegaonkar at gmail dot com  
IBM Corporation - initial  
Lasse Collin lasse.collin@tukaani.org  
[httpwww.apache.org](http://www.apache.org)  
Alan Liu  
Jacob Hookom jacob@hookom.net  
Apache Maven  
Kin-man Chung  
Eike Stepper  
Raymond Auge  
Anthony Hunter  
Martin Porter and Richard Boulton  
Jacques Savoy  
Lasse Collin lasse.collin@tukaani.org Igor Pavlov [http7-zip.org](http://7-zip.org)  
IBM Corporation - initial  
Philippe Le Hegaret  
The Apache Software Foundation [httpwww.apache.org](http://www.apache.org)  
Jan Luehe  
Anil K. Vijendran  
the Apache Software Foundation  
Syn Wee Quek  
Anders Moller  
Bob Krovetz and Sergio Guzman-Lara  
Jacques Savoy and Ljiljana Dolamic  
the Egothor project <http://egothor.sf.net>  
Leo Galambos Martin Kvapil and Edmond Nolan  
the Carrot2 project  
Dawid Weiss and Marcin Milkowski [httpmorfologik.blogspot.com](http://morfologik.blogspot.com)  
Mark Roth  
Markus W. Scherer  
Pierre Delisle  
Mickael Istria  
Ralf Ebert [www.ralfebert.de](http://www.ralfebert.de)  
Shawn Bayern  
Prakash G.R.  
Mark Davis  
Stefan Bechtold stefan.bechtold@me.com Johannes Link business@johanneslink.net Marc Philipp mail@marcphilipp.de Matthias Merdes  
Matthias.Merdes@heidelberg-mobil.com Sam Brannen sam@sambrannen.com and Christian Stein sormuras@gmail.com  
[httpswww.apache.org](https://www.apache.org)  
The Apache Software Foundation  
David Green  
Kris De Volder  
Erik Hatcher ehatcher@apache.org  
Laura Werner  
the World Wide Web Consortium  
Mandar Raje  
Joshua Gosse jlgosse at ca dot ibm dot com  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Timothy Gerard Endres [time@ice.com](mailto:time@ice.com)  
Harish Prabandham  
Andy Clark IBM  
Peter Kriens  
Patrick Tasse  
Simon Montagu Matitiahu Allouche  
Matt Benson  
Gavin Brown [gavin.brown@centralnic.com](mailto:gavin.brown@centralnic.com)  
Remy Maucherat  
Composent Inc. - initial  
Lorenzo Bettini  
Ketan Patel  
Toby Weston  
<http://www.ow2.org>  
the PVRG group at Stanford  
<http://www.qos.ch>  
Ram Viswanadha  
Markus Scherer  
Keiron Liddle Aftex Software [keiron@aftexsw.com](mailto:keiron@aftexsw.com)  
Thierry Kormann  
Luke Wells [psl-maintainers@amazon.com](mailto:psl-maintainers@amazon.com)  
Danno Ferrin  
Rajiv Mordani  
Cedric Chabanois [cchabanois@no-log.org](mailto:cchabanois@no-log.org)  
a team  
the Apache HttpComponents project at <http://hc.apache.org> <http://hc.apache.org> . A  
the Apache Commons Codec project at <http://jakarta.apache.org/commons/logging> <http://jakarta.apache.org/commons/logging> . A copy  
<http://fasterxml.com>  
Kevin Bourrillion [kevinb@google.com](mailto:kevinb@google.com)  
M. Davis  
Mike Cowlshaw  
Helena Shih  
Stephen F. Booth  
Timothy Wall  
Hans Bergsten  
Costin Manolache  
Jean-Francois Arcand  
Eric Ye IBM  
Jan Bruusgaard [Jan.Bruusgaard@ssb.no](mailto:Jan.Bruusgaard@ssb.no)  
Composent Inc. - initial API and implementation IBM Inc. - Initial  
[aniefer@ca.ibm.com](mailto:aniefer@ca.ibm.com)  
Murray M. Altheim [altheim@eng.sun.com](mailto:altheim@eng.sun.com)  
Geoff Kuenning  
[AnnotationPainter.UnderlineStrategy.html](http://AnnotationPainter.UnderlineStrategy.html)  
Hans Schwaebli  
Hitesh Soliwal  
[dan\\_rubel@instantiations.com](mailto:dan_rubel@instantiations.com)  
Dave Raggett [dsr@w3.org](mailto:dsr@w3.org) Arnaud Le Hors [lehors@w3.org](mailto:lehors@w3.org)  
Mountainminds GmbH Co.  
Tatu Saloranta [tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)  
a community of developers  
Markus Scherer Mark Davis  
Yoshito Umaoka  
Shaopeng Jia  
Mark Davis Chen-Lieh Huang Alan Liu  
Richard Gillam  
John Emmons  
Deborah Goldsmith Mark Davis Chen-Lieh Huang Alan Liu  
[markdavis@google.com](mailto:markdavis@google.com)  
<http://www.jcraft.com>  
Nathan Abramson  
the subbuilds project  
Mike Clark. JDepend  
Erich Gamma and Kent Beck. JUnit  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

stephane@hillion.org  
Chuck McManis  
Shante Adam shante@skyhat.io  
Jayson Falkner  
JspC. Place  
Glenn Nielsen  
Craig R. McClanahan  
Neil Graham IBM  
Glenn Marcy IBM  
Matthias Reichenbacher  
The Legion of the Bouncy Castle feedback-crypto@bouncycastle.org  
the Debug Platform  
Dirk Fauth  
Tom Schindl tom.schindl@bestsolution.at  
Rene Brandstetter  
Eclipse Runnable JAR Export Wizard  
the Indiana University Extreme Lab <http://www.extreme.indiana.edu>  
DefaultInformationControl.InformationPresenterExtension.html  
IFormatingContext.html  
InformationProviderExtension.html  
IAnnotationModelListenerExtension.html  
CommonNavigator.html  
markus.schorn@windriver.com  
Rastislav Wagner  
Vincent MAHE  
Libor Zoubek lzoubek at redhat dot com  
Yann N. Dauphin  
Dan Rubel dan\_rubel@instantiations.com  
Jan Diederich  
Joe Walnes Nat Pryce Steve Freeman Neil Dunn and Tom Denley  
Marcin Mielzynski lopx@gazeta.pl  
the SAX project  
Sonatype Inc. Your  
Red Hat Incorporated  
mailto:bailliez@apache.org Stephane Bailliez  
the Apache Software Foundation. Your  
the JDOM Project <http://www.jdom.org>  
Jason Hunter and Brett McLaughlin  
the Apache Commons Codec project at <http://jakarta.apache.org/commons/codec> <http://jakarta.apache.org/commons/codec> . A copy  
ObjectStreamEncoder Invalid  
<http://github.com/oshi>  
Doug Felt  
Markus W. Scherer Ram  
Shane Carr  
Lina Kemmel  
Chen-Lieh Huang  
Ram Viswanadha Markus Scherer  
Alan Liu Markus Scherer  
the RBBI Rule  
Mark Davis Deborah Goldsmith Chen-Lieh Huang Alan Liu Laura Werner  
Roozbeh Pournader  
Steven R. Loomis  
Mark Davis Deborah Goldsmith Chen-Lieh Huang Alan Liu  
Atsuhiko Yamanaka JCraft Inc. and others  
ymnk@jcraft.com  
Jean-loup Gailly and Mark Adler and contributors  
Jacob Hookom  
Daniel Lemire lemire@gmail.com  
the task family. These project  
Locator.java  
Frantisek Kucera  
Marian Petras  
Merant. p Before  
the JRE FileSystemProvider. Not  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

mailto:strong@arielpartners.com Craig Strong  
Dominique Devienne  
Tar IO Streams  
a href <http://promote.dev.java.net>  
Sergey Vladimirov  
Udo Klimaschewski <http://about.me/udo.klimaschewski>  
uognoc@triton.uog.edu  
2014-12-18 Amazon Registry Services Inc.  
Przemyslaw Plewa [it-admin@domena.pl](mailto:it-admin@domena.pl)  
Anton Avramov [avramov@alboto.ca](mailto:avramov@alboto.ca)  
Mark J. Titorenko [mark.titorenko@alces-software.com](mailto:mark.titorenko@alces-software.com)  
Donavan Miller [donavanm@amazon.com](mailto:donavanm@amazon.com)  
Thomas Orozco [thomas@aptible.com](mailto:thomas@aptible.com)  
Asei SEKIGUCHI [mail@aseinet.com](mailto:mail@aseinet.com)  
Hector Martin [marcan@euskalencounter.org](mailto:marcan@euskalencounter.org)  
Vincent Tseng [vincentseng@asustor.com](mailto:vincentseng@asustor.com)  
Alex Concha [alex.concha@automatic.com](mailto:alex.concha@automatic.com)  
Andreas Weise [a.weise@avm.de](mailto:a.weise@avm.de)  
James Kennedy [domains@advisorwebsites.com](mailto:domains@advisorwebsites.com)  
Olivier Benz [olivier.benz@b-data.ch](mailto:olivier.benz@b-data.ch)  
Anthony Voutas [anthony@backplane.io](mailto:anthony@backplane.io)  
Petros Angelatos [petrosagg@balena.io](mailto:petrosagg@balena.io)  
Gabor Kozma [info@banzaicloud.com](mailto:info@banzaicloud.com)  
Nathan OSullivan [nathan@mammoth.com.au](mailto:nathan@mammoth.com.au)  
Paul Crowder [paul.crowder@blackbaud.com](mailto:paul.crowder@blackbaud.com)  
Tibor Halter [thalter@boomla.com](mailto:thalter@boomla.com)  
Axel Fontaine [axel@boxfuse.com](mailto:axel@boxfuse.com)  
Miroslav Bozic [security@bplaced.net](mailto:security@bplaced.net)  
Dave Tharp [browsersafetymark.io@quicinc.com](mailto:browsersafetymark.io@quicinc.com)  
Paul Cammish [paul.cammish@bytemark.co.uk](mailto:paul.cammish@bytemark.co.uk)  
Marcus Popp [admin@callidomus.com](mailto:admin@callidomus.com)  
B. Blechschmidt [hostmaster@certmgr.org](mailto:hostmaster@certmgr.org)  
Alex Stoddard [alex.stoddard@citrix.com](mailto:alex.stoddard@citrix.com)  
Rishabh Nambiar [rishabh.nambiar@discourse.org](mailto:rishabh.nambiar@discourse.org)  
Leon Rowland [leon@clearvox.nl](mailto:leon@clearvox.nl)  
Quentin Adam [noc@clever-cloud.com](mailto:noc@clever-cloud.com)  
Colin Sidoti [colin@clerk.dev](mailto:colin@clerk.dev)  
Khash Sajadi [khash@cloud66.com](mailto:khash@cloud66.com)  
Pawel Panek [noc@cloudaccess.net](mailto:noc@cloudaccess.net)  
Tobias Wilken [tw@cloudcontrol.com](mailto:tw@cloudcontrol.com)  
Philip Langdale [security@cloudera.com](mailto:security@cloudera.com)  
Jake Riesterer [publicsuffixlist@cloudflare.com](mailto:publicsuffixlist@cloudflare.com)  
Patrick Nielsen [patrick@clovyr.io](mailto:patrick@clovyr.io)  
Govert Versluis [govert@co-co.nl](mailto:govert@co-co.nl)  
Martin Semrad [semrad@i-registry.cz](mailto:semrad@i-registry.cz)  
Jan Krpes [jan.krpes@cdn77.com](mailto:jan.krpes@cdn77.com)  
Aleksander Hristov [noc@cloudns.net](mailto:noc@cloudns.net)  
Stefan Dimitrov [contact@cloudeity.com](mailto:contact@cloudeity.com)  
Angelo Gladding [angelo@lahacker.net](mailto:angelo@lahacker.net)  
Thomas Wouters [thomas.wouters@combellgroup.com](mailto:thomas.wouters@combellgroup.com)  
Rene Marticke [rmarticke@cosimo.de](mailto:rmarticke@cosimo.de)  
Ales Krajnik [ales.krajnik@craynic.com](mailto:ales.krajnik@craynic.com)  
Andrew Cady [public-suffix-list@cryptonomic.net](mailto:public-suffix-list@cryptonomic.net)  
Jonathan Rudenberg [jonathan@cupcake.io](mailto:jonathan@cupcake.io)  
Dominic Luechinger [dol@cyon.ch](mailto:dol@cyon.ch)  
Philipp Heckel [ph@datto.com](mailto:ph@datto.com)  
Anani Voule [digital@digital.co.dk](mailto:digital@digital.co.dk)  
Daniil Burdakov [icqkill@gmail.com](mailto:icqkill@gmail.com)  
Peter Thomassen [peter@desec.io](mailto:peter@desec.io)  
Norbert Auler [mail@dnshome.de](mailto:mail@dnshome.de)  
Atsadawat Netcharadsang [atsadawat@dotarai.co.th](mailto:atsadawat@dotarai.co.th)  
Paul Fang [mis@draytek.com](mailto:mis@draytek.com)  
Andrew Farmer [andrew.farmer@dreamhost.com](mailto:andrew.farmer@dreamhost.com)  
Ricardo Padilha [rpadilha@drobo.com](mailto:rpadilha@drobo.com)

## Third Party License(s) of Terracotta (TDB) Version 10.11

Kevin Bridges kevin@drud.com  
Richard Harper richard@duckdns.org  
Heikki Hannikainen hessu@hes.iki.fi  
Robert Niedziela webmaster@ddnss.de  
Maxence Bitterli maxence@definima.com  
Sue Ye sue@dynu.com  
Dominik Menke dom@digineo.de  
Vladimir Dudr info@e4you.cz  
Thomas Cottier thomas.cottier@enalean.com  
frc1533@ecrobotics.org  
Erik Kaareng-Sunde esu@enonic.com  
Pierre Beyssac hostmaster@eu.org  
Michal Kralik support@evennode.com  
Peter Ruibal public-suffix@fb.com  
Maxim Alzoba tech.contact@faitid.org  
Aman Gupta aman@getchannels.com  
Fastly Security security@fastly.com  
Likhachev Vasily lihachev@fastvps.ru  
Simon Menke simon@featherhead.xyz  
Patrick Uiterwijk puitervijk@fedoraproject.org  
Koen Van Isterdael k.vanisterdael@fermax.be  
Jason Zhu jason@owtware.com  
Chris Raynor chris@firebase.com  
Jonathan Rudenberg jonathan@flynn.io  
Romain Fliedel rfliedel@freebox.fr  
Daniel Stone daniel@fooishbar.org  
Andreas Schnederle-Wagner schnederle@futureweb.at  
David Illsley david.illsley@digital.cabinet-office.gov.uk  
Kohei YOSHIDA tech@gehirn.co.jp  
Tom Klein tklein@gentlent.com  
Patrick Toomey security@github.com  
Alex Hanselka alex@gitlab.com  
Mads Hartmann mads@glitch.com  
Tom Whitwell tom.whitwell@digital.cabinet-office.gov.uk  
Jon Shanks jon.shanks@digital.homeoffice.gov.uk  
Zoltan Egresi egresi@globehosting.com  
Christian Poulter milchstrasse@goip.de  
Eduardo Vela evn@google.com  
Arseniy Sokolov security@hakaran.cz  
Mike Damm md@md.vc  
Shahid K Muhammed shahid@hasura.io  
David Grellscheid admin@hepforge.org  
Tom Maher tmaher@heroku.com  
Oren Eini oren@ravendb.net  
Atanunu Igbunuroghene publicsufficlist@hostbip.com  
Eero Hakkinen Eeropsi@Hakkinen.fi  
Simon Morvan simon@icilalune.com  
Hannu Aronsson haa@iki.fi  
Christian Seitz chris@in-berlin.de  
Jacob Slater whois@igloo.to  
Gabriel Ferreira registrobr@interlegis.leg.br  
Wolfgang Schwarz admin@intermetrics.de  
Matthew Hardeman mhardeman@ipifony.com  
Kim-Alexander Brodowski kim.brodowski@iserv.eu  
Yuji Minagawa domains-admin@iodata.jp  
Sergey Ulyashin ulyashin@jino.ru  
Brian Bennett brian.bennett@joyent.com  
Stefan Keim admin@js.org  
Wouter Bakker hostmaster@kaashosting.nl  
Martin Dannehl postmaster@keymachine.de  
Felipe Keller Braz felipebraz@kinghost.com.br  
Roy Keene rkeene@knightpoint.com  
Lars Laehn info@lcube.de  
Greg Dallavalle domains@leadpages.net

## Third Party License(s) of Terracotta (TDB) Version 10.11

Lelux Admin [publisuffix@lelux.site](mailto:publisuffix@lelux.site)  
Greg Holland [greg.holland@lmpm.com](mailto:greg.holland@lmpm.com)  
Paulo Matos [pmatots@linki.tools](mailto:pmatots@linki.tools)  
Mario Siegenthaler [mario.siegenthaler@linkyard.ch](mailto:mario.siegenthaler@linkyard.ch)  
[security@linode.com](mailto:security@linode.com)  
Victor Velchev [admin@liquidnetlimited.com](mailto:admin@liquidnetlimited.com)  
Remi Mach [remi.mach@loginline.com](mailto:remi.mach@loginline.com)  
Ireneusz Maliszewski [ireneusz.maliszewski@lubman.pl](mailto:ireneusz.maliszewski@lubman.pl)  
Jon Spriggs [admin@lug.org.uk](mailto:admin@lug.org.uk)  
Anton Avramov [register@lukanet.com](mailto:register@lukanet.com)  
Damien Tournoud [dtournoud@magento.cloud](mailto:dtournoud@magento.cloud)  
Jamie McClelland [info@mayfirst.org](mailto:info@mayfirst.org)  
Ilya Zaretskiy [zaretskiy@corp.mail.ru](mailto:zaretskiy@corp.mail.ru)  
Tom Whitwell [domains@memset.com](mailto:domains@memset.com)  
Zdenek Sustr [zdenek.sustr@cesnet.cz](mailto:zdenek.sustr@cesnet.cz)  
Radim Janca [janca@cesnet.cz](mailto:janca@cesnet.cz)  
Pierre Carrier [pierre@meteor.com](mailto:pierre@meteor.com)  
Justin Luk [juluk@microsoft.com](mailto:juluk@microsoft.com)  
Ben Francis [bfrancis@mozilla.com](mailto:bfrancis@mozilla.com)  
Khannanov Roman [r.khannanov@msk-ix.ru](mailto:r.khannanov@msk-ix.ru)  
Paulus Schoutsen [infra@nabucasa.com](mailto:infra@nabucasa.com)  
Jessica Parsons [jessica@netlify.com](mailto:jessica@netlify.com)  
Trung Tran [Trung.Tran@neustar.biz](mailto:Trung.Tran@neustar.biz)  
Alan Shreve [alan@ngrok.com](mailto:alan@ngrok.com)  
Nicholas Ford [nick@nimbushosting.co.uk](mailto:nick@nimbushosting.co.uk)  
Jeff Wheelhouse [support@nearlyfreespeech.net](mailto:support@nearlyfreespeech.net)  
Steve Russell [steve@now-dns.com](mailto:steve@now-dns.com)  
Thomas Waldmann [info@nsupdate.info](mailto:info@nsupdate.info)  
Deven Reza [publicsuffixlist@noip.com](mailto:publicsuffixlist@noip.com)  
Konstantin Nosov [Nosov@nodeart.io](mailto:Nosov@nodeart.io)  
Wietse Wind [hellopublicsuffixlist@nodum.io](mailto:hellopublicsuffixlist@nodum.io)  
Piotr Zduniak [piotr@nucleos.com](mailto:piotr@nucleos.com)  
Matthew Brown [mattbrown@nyc.mn](mailto:mattbrown@nyc.mn)  
Dave McCormack [dave.mccormack@nymnom.com](mailto:dave.mccormack@nymnom.com)  
Andrew Sampson [andrew@ulterius.io](mailto:andrew@ulterius.io)  
Cole Estep [cole@omnibond.com](mailto:cole@omnibond.com)  
Eddie Jones [eddie@onefoldmedia.com](mailto:eddie@onefoldmedia.com)  
Sven Marnach [sven@opencraft.com](mailto:sven@opencraft.com)  
Yngve Pettersen [yngve@opera.com](mailto:yngve@opera.com)  
Duarte Santos [domain-admin@outsystemscloud.com](mailto:domain-admin@outsystemscloud.com)  
Jan Moennich [jan.moennich@ownprovider.com](mailto:jan.moennich@ownprovider.com)  
Adam Grand [webmaster@mail.ox.rs](mailto:webmaster@mail.ox.rs)  
Charly Coste [changaco@changaco.oy.lc](mailto:changaco@changaco.oy.lc)  
Derek Myers [derek@pagefog.com](mailto:derek@pagefog.com)  
Jason Kriss [jason@pagefronthq.com](mailto:jason@pagefronthq.com)  
Gary Dylina [gary@pantheon.io](mailto:gary@pantheon.io)  
Steve Leung [steveleung@peplink.com](mailto:steveleung@peplink.com)  
Frederic VANNIERE [f.vanniere@planet-work.com](mailto:f.vanniere@planet-work.com)  
Nikola Kotur [nikola@platform.sh](mailto:nikola@platform.sh)  
Maximilian Schieder [maxi@zeug.co](mailto:maxi@zeug.co)  
Sarah Newman [owner@prgmr.com](mailto:owner@prgmr.com)  
Jonah Aragon [jonah@privacytools.io](mailto:jonah@privacytools.io)  
Michael Burns [noc@protocol.ai](mailto:noc@protocol.ai)  
Martin Meier [admin@protonet.io](mailto:admin@protonet.io)  
Yaacov Akiba Slama [admin@chirurgiens-dentistes-en-france.fr](mailto:admin@chirurgiens-dentistes-en-france.fr)  
Kor Nielsen [kor@pubtls.org](mailto:kor@pubtls.org)  
Xavier De Cock [xdecock@gmail.com](mailto:xdecock@gmail.com)  
Jons Slemmer [jons@redstarconsultants.com](mailto:jons@redstarconsultants.com)  
Nick Chang [nickchang@qnap.com](mailto:nickchang@qnap.com)  
Patrick Linehan [plinehan@quip.com](mailto:plinehan@quip.com)  
Jonas Schwartz [jonas@qutheory.io](mailto:jonas@qutheory.io)  
Kirill Pertsev [kika@rackmaze.com](mailto:kika@rackmaze.com)  
Vincent Fiduccia [domains@rancher.com](mailto:domains@rancher.com)  
David Fischer [team@readthedocs.org](mailto:team@readthedocs.org)  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Terracotta (TDB) Version 10.11

Tim Kramer tkramer@rhcloud.com  
Anurag Goel dev@render.com  
Mason Clayton mason@repl.it  
Tim Perry tim@resin.io  
Chris Kastorff info@rethinkdb.com  
Jack Price jack@revitalised.co.uk  
Jennifer Herting jchits@rit.edu  
Asheesh Laroia asheesh@sandstorm.io  
Norman Meilick nm@sbe.de  
Hanno Bock hanno@schokokeks.org  
Erik Anders erik.anders@securepoint.de  
Serhii Bulakh support@drs.ua  
Adam Jimenez adam@shiftcreate.com  
Alex Bowers alex@shopblocks.com  
Craig McMahon craig@shopitcommerce.com  
Oliver Graebner security@mo-siemens.io  
Skylar Challand support@siteleaf.com  
Adrien Gillon adrienpublic-suffix-list@stackhero.io  
Seth Vincent sethvincent@gmail.com  
Antonis Kalipetis akalipetis@sourcelair.com  
Reza Akhavan spacekit.io@gmail.com  
Stefan Neufeind info@speedpartner.de  
Jacob Lee jacob@stdlib.com  
Philip Hutchins hostmaster@storj.io  
Silke Hofstra syscom@snt.utwente.nl  
Edwin Balani sysadmins@srcf.net  
Dan Miller dm@sub6.com  
Fabien Potencier fabien@symfony.com  
Boris Rybalkin syncloud@syncloud.it  
Rony Weng ronyweng@synology.com  
Bjoern Henke dev-server@taifun-software.de  
Dominik George dominik.george@teckids.org  
Joshua Bayfield joshua.bayfield@gwiddlefoundation.org.uk  
Adrian Imboden adi@thingdust.com  
Mark Staarink mark@tlon.io  
Dustin Ward dward@townnews.com  
Phillipp Roll phillipp.roell@trafficplex.de  
Rory Breuk rbreuk@transip.nl  
Moritz Werner mwerner@jonaspasche.com  
Stefan Schwarz sysadm@united-gameserver.de  
Ed Moore Ed.Moore@lib.de.us  
Danko Aleksejevs danko@very.lv  
Simon Kissel hostmaster@viprinet.com  
Adnan RIHAN hostmaster@v-info.info  
Nathan van Bakel info@voorloper.com  
Arnold Hendriks info@webhare.com  
Henrique Vicente security@wedeploy.com  
Jung Jin jungseok.jin@wdc.com  
Yuvi Panda yuvipanda@wikimedia.org  
Julian Uphoff publicsufficlist@xenoncloud.net  
XnBay Developer developer.xncloud@gmail.com  
Daniel Mostertman unixbeheerpublicsuffix@xs4all.net  
Alexander Lodin securitypsl@yandex-team.ru  
Atul Bhouraskar atul@yescourse.com  
Stefano Rivera stefano@yola.com  
Mitch Schwenk mitch@yombo.net  
Valentin Grimaud security@yunohost.org  
Olli Vanhoja olli@zeit.co  
Martin Angelov martin@zine.bg  
Emil Stahl esp@zitcom.dk  
Su Hendro admin@zone.id  
Denis Benoit  
Anselm Baird-Smith  
Glenn L. Nielsen

## Third Party License(s) of Terracotta (TDB) Version 10.11

Robert Field  
Larry Cable  
Peter Rossbach pr@webapp.de  
TAMURA Kent IBM  
Andy Clark  
Arnaud Le Hors IBM  
Michael Glavashevich IBM  
Rahul Srivastava Sun Microsystems Inc.  
Chris Taylor Ceki Gulcu  
Brian Goetz  
the Tokenizer . Common  
Analyzers and Tokenizers  
IndexWriterConfig link IndexDeletionPolicy  
link DirectMonotonicWriter  
API Guardian Team team@apiguardian.org  
httpsassertj.github.io/doc  
The Legion of the Bouncy Castle Inc. feedback-crypto@bouncycastle.org  
a <http://www.merant.com/products/pvcs>  
Buildship. Project  
an IColumnPresentationFactory  
Karsten Thoms karsten.thoms@itemis.de  
Vlad Roubtsov  
Committer Message  
Matthias Sohn matthias.sohn@sap.com  
Name Commit  
the Apache Software Foundation <http://www.apache.org> <http://www.apache.org>  
the Apache Software Foundation  
Istvan Sajtos  
Ian Bull  
Intel Corporation - initial API and implementation IBM Corporation  
Java projects  
Eclipse Runnable JAR  
name Templates.new  
MultiPartInputStream MultiParts  
Aki Yoshida  
Greg Wilkins  
Eugen Neufeld  
javolution <http://javolution.org>  
Ed Merks  
her own setup project  
the a href <http://www.iana.org/assignments/media-types>  
contributing a JUnit Plug-in Test  
projects  
plug-in projects  
team  
the platform when the user creates a project  
IMetadataRepositoryManager.html  
DecoratedField.html  
IPositionUpdater.html  
IInformationControlExtension2.html  
IInformationProvider.html  
ISynchronizationContext.html  
ISynchronizationScopeParticipant.html  
NavigatorActionService.html  
content Arthur Dent  
Michal Borek  
Xavier Raynaud xavier.raynaud@kalay.eu  
Ketan Padegaonkar  
Aparna ArgadeCadence Design Systems Inc. - Bug  
Vincent Mahe  
Stefan Seelmann  
Stefan Schaefer  
Brock Janiczak brockj at gmail dot com  
Marcel Hoetter Marcel.Hoetter at genuinesoftware dot de  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Jesper Steen Moeller jesper at selskabet dot org  
Ketan Patel ktp420@live.com  
Stephen Paulin paulin at developerskingdom dot com  
Aparna Argade  
John Cortell  
Cedric Chabanois  
Mariot Chauvin  
Display command.revisions.authorToggle.description Toggles  
content Manumitting Technologies  
Prakash G. R.  
HeapStatus Lars Vogel Lars.Vogel@vogella.com  
Genady Beryozkin me@genady.org  
Michael H Kay Saxonica Limited Jeni Tennison Jeni Tennison Consulting Ltd.  
httpjonathanhedley.com  
httpwww.junit.org  
Stefan Bechtold stefan.bechtold@me.com Johannes Link business@johanneslink.net Marc Philipp mail@marcphilipp.de Matthias Merdes  
Matthias.Merdes@heidelberg-mobil.com and Sam Brannen sam@sambrannen.com  
QOS.ch  
Lasse Collin andor Igor Pavlov  
the Apache HttpClient project at httpjakarta.apache.orgcommonshttpclient httpjakarta.apache.orgcommonshttpclient . A  
httpschwering.org Christoph Schwering at httpmoepii.sourceforge.net httpmoepii.sourceforge.net . A  
JmDNS project team at httpjmdns.sourceforge.net httpjmdns.sourceforge.net . A  
httpwww.jivesoftware.org Jive Software project team at httpwww.igniterealtime.org httpwww.igniterealtime.org . A  
other open source projects  
platform.ui  
the Apache Software Foundation httpwww.apache.org

### **Embedded Copyright: eclipse 4.19**

Dmitri Plotnikov  
Ketan Padegaonkar KetanPadegaonkar at gmail dot com  
IBM Corporation - initial  
Lasse Collin lasse.collin@tukaani.org  
httpwww.apache.org  
Alan Liu  
Jacob Hookom jacob@hookom.net  
Apache Maven  
Kin-man Chung  
Eike Stepper  
Raymond Auge  
Anthony Hunter  
Martin Porter and Richard Boulton  
Jacques Savoy  
Lasse Collin lasse.collin@tukaani.org Igor Pavlov http7-zip.org  
IBM Corporation - initial  
Philippe Le Hegaret  
The Apache Software Foundation httpwww.apache.org  
Jan Luehe  
Anil K. Vijendran  
the Apache Software Foundation  
Syn Wee Quek  
Anders Moller  
Bob Krovetz and Sergio Guzman-Lara  
Jacques Savoy and Ljiljana Dolamic  
the Egothor project httpgothor.sf.net  
Leo Galambos Martin Kvapil and Edmond Nolan  
the Carrot2 project  
Dawid Weiss and Marcin Milkowski httpmorfologik.blogspot.com  
Mark Roth  
Markus W. Scherer  
Pierre Delisle  
Mickael Istria  
Ralf Ebert www.ralfebert.de  
Shawn Bayern  
Prakash G.R.  
Mark Davis  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Stefan Bechtold stefan.bechtold@me.com Johannes Link business@johanneslink.net Marc Philipp mail@marcphilipp.de Matthias Merdes Matthias.Merdes@heidelberg-mobil.com Sam Brannen sam@sambrannen.com and Christian Stein sormuras@gmail.com  
httpswww.apache.org  
The Apache Software Foundation  
David Green  
Kris De Volder  
Erik Hatcher ehatcher@apache.org  
Laura Werner  
the World Wide Web Consortium  
Mandar Rajee  
Joshua Gosse jlgosse at ca dot ibm dot com  
Timothy Gerard Endres time@ice.com  
Harish Prabandham  
Andy Clark IBM  
Peter Kriens  
Patrick Tasse  
Simon Montagu Matitiahua Allouche  
Matt Benson  
Gavin Brown gavin.brown@centralnic.com  
Remy Maucherat  
Composent Inc. - initial  
Lorenzo Bettini  
Ketan Patel  
Toby Weston  
httpwww.ow2.org  
the PVRG group at Stanford  
httpwww.qos.ch  
Ram Viswanadha  
Markus Scherer  
Keiron Liddle Aftex Software keiron@aftexsw.com  
Thierry Kormann  
Luke Wells psl-maintainers@amazon.com  
Danno Ferrin  
Rajiv Mordani  
Cedric Chabanois cchabanois at no-log dot org  
a team  
the Apache HttpComponents project at httphc.apache.org httphc.apache.org . A  
the Apache Commons Codec project at httpjakarta.apache.orgcommonslogging httpjakarta.apache.orgcommonslogging . A copy  
httpfasterxml.com  
Kevin Bourrillion kevinb@google.com  
M. Davis  
Mike Cowlshaw  
Helena Shih  
Stephen F. Booth  
Timothy Wall  
Hans Bergsten  
Costin Manolache  
Jean-Francois Arcand  
Eric Ye IBM  
Jan Bruusgaard Jan.Bruusgaard@ssb.no  
Composent Inc. - initial API and implementation IBM Inc. - Initial  
aniefer@ca.ibm.com  
Murray M. Altheim altheim@eng.sun.com  
Geoff Kuenning  
AnnotationPainter.UnderlineStrategy.html  
Hans Schwaebli  
Hitesh Soliwal  
dan\_rubel@instantiations.com  
Dave Raggett dsr@w3.org Arnaud Le Hors lehors@w3.org  
Mountainminds GmbH Co.  
Tatu Saloranta tatu.saloranta@iki.fi  
a community of developers  
Markus Scherer Mark Davis  
Yoshito Umaoka  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Shaopeng Jia  
Mark Davis Chen-Lieh Huang Alan Liu  
Richard Gillam  
John Emmons  
Deborah Goldsmith Mark Davis Chen-Lieh Huang Alan Liu  
markdavis@google.com  
httpwww.jcraft.com  
Nathan Abramson  
the subbuilds project  
Mike Clark. JDepend  
Erich Gamma and Kent Beck. JUnit  
stephane@hillion.org  
Chuck McManis  
Shante Adam shante@skyhat.io  
Jayson Falkner  
JspC. Place  
Glenn Nielsen  
Craig R. McClanahan  
Neil Graham IBM  
Glenn Marcy IBM  
Matthias Reichenbacher  
The Legion of the Bouncy Castle feedback-crypto@bouncycastle.org  
the Debug Platform  
Dirk Fauth  
Tom Schindl tom.schindl@bestsolution.at  
Rene Brandstetter  
Eclipse Runnable JAR Export Wizard  
the Indiana University Extreme Lab httpwww.extreme.indiana.edu  
DefaultInformationControl.InformationPresenterExtension.html  
IFormatingContext.html  
InformationProviderExtension.html  
IAnnotationModelListenerExtension.html  
CommonNavigator.html  
markus.schorn@windriver.com  
Rastislav Wagner  
Vincent MAHE  
Libor Zoubek lzoubek at redhat dot com  
Yann N. Dauphin  
Dan Rubel dan\_rubel@instantiations.com  
Jan Diederich  
Joe Walnes Nat Pryce Steve Freeman Neil Dunn and Tom Denley  
Marcin Mielzynski lopx@gazeta.pl  
the SAX project  
Sonatype Inc. Your  
Red Hat Incorporated  
mailto:bailliez@apache.org Stephane Bailliez  
the Apache Software Foundation. Your  
the JDOM Project httpwww.jdom.org  
Jason Hunter and Brett McLaughlin  
the Apache Commons Codec project at httpjakarta.apache.orgcommonscode httpjakarta.apache.orgcommonscode . A copy  
ObjectStreamEncoder Invalid  
httpsgithub.comoshi  
Doug Felt  
Markus W. Scherer Ram  
Shane Carr  
Lina Kemmel  
Chen-Lieh Huang  
Ram Viswanadha Markus Scherer  
Alan Liu Markus Scherer  
the RBBI Rule  
Mark Davis Deborah Goldsmith Chen-Lieh Huang Alan Liu Laura Werner  
Roozbeh Pournader  
Steven R. Loomis  
Mark Davis Deborah Goldsmith Chen-Lieh Huang Alan Liu  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Atsuhiko Yamanaka JCraft Inc. and others  
ymnk@jcraft.com  
Jean-loup Gailly and Mark Adler and contributors  
Jacob Hookom  
Daniel Lemire lemire@gmail.com  
the task family. These project  
Locator.java  
Frantisek Kucera  
Marian Petras  
Merant. p Before  
the JRE FileSystemProvider. Not  
mailto:strong@arielpartners.com Craig Strong  
Dominique Devienne  
Tar IO Streams  
a href http://promote.dev.java.net  
Sergey Vladimirov  
Udo Klimaschewski http://about.me/udo.klimaschewski  
uognoc@triton.uog.edu  
2014-12-18 Amazon Registry Services Inc.  
Przemyslaw Plewa it-admin@domena.pl  
Anton Avramov avramov@alboto.ca  
Mark J. Titorenko mark.titorenko@alces-software.com  
Donavan Miller donavanm@amazon.com  
Thomas Orozco thomas@aptible.com  
Asei SEKIGUCHI mail@aseinet.com  
Hector Martin marcan@euskalencounter.org  
Vincent Tseng vincenttseng@asustor.com  
Alex Concha alex.concha@automatic.com  
Andreas Weise a.weise@avm.de  
James Kennedy domains@advisorwebsites.com  
Olivier Benz olivier.benz@b-data.ch  
Anthony Voutas anthony@backplane.io  
Petros Angelatos petrosagg@balena.io  
Gabor Kozma info@banzaicloud.com  
Nathan OSullivan nathan@mammoth.com.au  
Paul Crowder paul.crowder@blackbaud.com  
Tibor Halter thalter@boomla.com  
Axel Fontaine axel@boxfuse.com  
Miroslav Bozic security@bplaced.net  
Dave Tharp browsersafetymark.io@quicinc.com  
Paul Cammish paul.cammish@bytemark.co.uk  
Marcus Popp admin@callidomus.com  
B. Blechschmidt hostmaster@certmgr.org  
Alex Stoddard alex.stoddard@citrix.com  
Rishabh Nambiar rishabh.nambiar@discourse.org  
Leon Rowland leon@clearvox.nl  
Quentin Adam noc@clever-cloud.com  
Colin Sidoti colin@clerk.dev  
Khash Sajadi khash@cloud66.com  
Pawel Panek noc@cloudaccess.net  
Tobias Wilken tw@cloudcontrol.com  
Philip Langdale security@cloudera.com  
Jake Riesterer publicsuffixlist@cloudflare.com  
Patrick Nielsen patrick@clovyr.io  
Govert Versluis govert@co-co.nl  
Martin Semrad semrad@i-registry.cz  
Jan Krpes jan.krpes@cdn77.com  
Aleksander Hristov noc@cloudns.net  
Stefan Dimitrov contact@cloudeity.com  
Angelo Gladding angelo@lahacker.net  
Thomas Wouters thomas.wouters@combellgroup.com  
Rene Marticke rmarticke@cosimo.de  
Ales Krajnik ales.krajnik@craynic.com  
Andrew Cady public-suffix-list@cryptonomic.net  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Jonathan Rudenberg jonathan@cupcake.io  
Dominic Luechinger dol@cyon.ch  
Philipp Heckel ph@datto.com  
Anani Voule digital@digital.co.dk  
Daniil Burdakov icqkill@gmail.com  
Peter Thomassen peter@desec.io  
Norbert Auler mail@dnshome.de  
Atsadawat Netcharadsang atsadawat@dotarai.co.th  
Paul Fang mis@draytek.com  
Andrew Farmer andrew.farmer@dreamhost.com  
Ricardo Padilha rpadilha@drobo.com  
Kevin Bridges kevin@drud.com  
Richard Harper richard@duckdns.org  
Heikki Hannikainen hessu@hes.iki.fi  
Robert Niedziela webmaster@ddnss.de  
Maxence Bitterli maxence@definima.com  
Sue Ye sue@dynu.com  
Dominik Menke dom@digineo.de  
Vladimir Dudr info@e4you.cz  
Thomas Cottier thomas.cottier@enalean.com  
frc1533@ecrobotics.org  
Erik Kaareng-Sunde esu@enonic.com  
Pierre Beyssac hostmaster@eu.org  
Michal Kralik support@evennode.com  
Peter Ruibal public-suffix@fb.com  
Maxim Alzoba tech.contact@faitid.org  
Aman Gupta aman@getchannels.com  
Fastly Security security@fastly.com  
Likhachev Vasily lihachev@fastvps.ru  
Simon Menke simon@featherhead.xyz  
Patrick Uiterwijk puitewijk@fedoraproject.org  
Koen Van Isterdael k.vanisterdael@fermax.be  
Jason Zhu jason@owtware.com  
Chris Raynor chris@firebase.com  
Jonathan Rudenberg jonathan@flynn.io  
Romain Fliedel rfliedel@freebox.fr  
Daniel Stone daniel@fooishbar.org  
Andreas Schnederle-Wagner schnederle@futureweb.at  
David Illsley david.illsley@digital.cabinet-office.gov.uk  
Kohei YOSHIDA tech@gehirn.co.jp  
Tom Klein tklein@gentlent.com  
Patrick Toomey security@github.com  
Alex Hanselka alex@gitlab.com  
Mads Hartmann mads@glitch.com  
Tom Whitwell tom.whitwell@digital.cabinet-office.gov.uk  
Jon Shanks jon.shanks@digital.homeoffice.gov.uk  
Zoltan Egresi egresi@globehosting.com  
Christian Poulter milchstrasse@goip.de  
Eduardo Vela evn@google.com  
Arseniy Sokolov security@hakaran.cz  
Mike Damm md@md.vc  
Shahid K Muhammed shahid@hasura.io  
David Grellscheid admin@hepforge.org  
Tom Maher tmaher@heroku.com  
Oren Eini oren@ravendb.net  
Atanunu Igbunuroghene publicsufficlist@hostbip.com  
Eero Hakkinen Eeropsi@Hakkinen.fi  
Simon Morvan simon@icilalune.com  
Hannu Aronsson haa@iki.fi  
Christian Seitz chris@in-berlin.de  
Jacob Slater whois@igloo.to  
Gabriel Ferreira registrobr@interlegis.leg.br  
Wolfgang Schwarz admin@intermetrics.de  
Matthew Hardeman mhardeman@ipifony.com

## Third Party License(s) of Terracotta (TDB) Version 10.11

Kim-Alexander Brodowski kim.brodowski@iserv.eu  
Yuji Minagawa domains-admin@iodata.jp  
Sergey Ulyashin ulyashin@jino.ru  
Brian Bennett brian.bennett@joyent.com  
Stefan Keim admin@js.org  
Wouter Bakker hostmaster@kaashosting.nl  
Martin Dannehl postmaster@keymachine.de  
Felipe Keller Braz felipebraz@kinghost.com.br  
Roy Keene rkeene@knightpoint.com  
Lars Laehn info@lcube.de  
Greg Dallavalle domains@leadpages.net  
Lelux Admin publisuffix@lelux.site  
Greg Holland greg.holland@lmpm.com  
Paulo Matos pmatos@linki.tools  
Mario Siegenthaler mario.siegenthaler@linkyard.ch  
security@linode.com  
Victor Velchev admin@liquidnetlimited.com  
Remi Mach remi.mach@loginline.com  
Ireneusz Maliszewski ireneusz.maliszewski@lubman.pl  
Jon Spriggs admin@lug.org.uk  
Anton Avramov register@lukanet.com  
Damien Tournoud dtournoud@magento.cloud  
Jamie McClelland info@mayfirst.org  
Ilya Zaretskiy zaretskiy@corp.mail.ru  
Tom Whitwell domains@memset.com  
Zdenek Sustr zdenek.sustr@cesnet.cz  
Radim Janca janca@cesnet.cz  
Pierre Carrier pierre@meteor.com  
Justin Luk juluk@microsoft.com  
Ben Francis bfrancis@mozilla.com  
Khannanov Roman r.khannanov@msk-ix.ru  
Paulus Schoutsen infra@nabucasa.com  
Jessica Parsons jessica@netlify.com  
Trung Tran Trung.Tran@neustar.biz  
Alan Shreve alan@ngrok.com  
Nicholas Ford nick@nimbushosting.co.uk  
Jeff Wheelhouse support@nearlyfreespeech.net  
Steve Russell steve@now-dns.com  
Thomas Waldmann info@nsupdate.info  
Deven Reza publicsuffixlist@noip.com  
Konstantin Nosov Nosov@nodeart.io  
Wietse Wind hellopublicsuffixlist@nodum.io  
Piotr Zduniak piotr@nucleos.com  
Matthew Brown mattbrown@nyc.mn  
Dave McCormack dave.mccormack@nymnom.com  
Andrew Sampson andrew@ulterius.io  
Cole Estep cole@omnibond.com  
Eddie Jones eddie@onefoldmedia.com  
Sven Marnach sven@opencraft.com  
Yngve Pettersen yngve@opera.com  
Duarte Santos domain-admin@outsystemscloud.com  
Jan Moennich jan.moennich@ownprovider.com  
Adam Grand webmaster@mail.ox.rs  
Charly Coste changaco@changaco.oy.lc  
Derek Myers derek@pagefog.com  
Jason Kriss jason@pagefronthq.com  
Gary Dylina gary@pantheon.io  
Steve Leung steveleung@peplink.com  
Frederic VANNIERE f.vanniere@planet-work.com  
Nikola Kotur nikola@platform.sh  
Maximilian Schieder maxi@zeug.co  
Sarah Newman owner@prgmr.com  
Jonah Aragon jonah@privacytools.io  
Michael Burns noc@protocol.ai



## Third Party License(s) of Terracotta (TDB) Version 10.11

Martin Meier admin@protonet.io  
Yaacov Akiba Slama admin@chirurgiens-dentistes-en-france.fr  
Kor Nielsen kor@pubtls.org  
Xavier De Cock xdecock@gmail.com  
Jons Slemmer jons@redstarconsultants.com  
Nick Chang nickchang@qnap.com  
Patrick Linehan plinehan@quip.com  
Jonas Schwartz jonas@qutheory.io  
Kirill Pertsev kika@rackmaze.com  
Vincent Fiduccia domains@rancher.com  
David Fischer team@readthedocs.org  
Tim Kramer tkramer@rhcloud.com  
Anurag Goel dev@render.com  
Mason Clayton mason@repl.it  
Tim Perry tim@resin.io  
Chris Kastorff info@rethinkdb.com  
Jack Price jack@revitalised.co.uk  
Jennifer Herting jchits@rit.edu  
Asheesh Laroia asheesh@sandstorm.io  
Norman Meilick nm@sbe.de  
Hanno Bock hanno@schokokeks.org  
Erik Anders erik.anders@securepoint.de  
Serhii Bulakh support@drs.ua  
Adam Jimenez adam@shiftcreate.com  
Alex Bowers alex@shopblocks.com  
Craig McMahon craig@shopitcommerce.com  
Oliver Graebner security@mo-siemens.io  
Skylar Challand support@siteleaf.com  
Adrien Gillon adrienpublic-suffix-list@stackhero.io  
Seth Vincent sethvincent@gmail.com  
Antonis Kalipetis akalipetis@sourcelair.com  
Reza Akhavan spacekit.io@gmail.com  
Stefan Neufeind info@speedpartner.de  
Jacob Lee jacob@stdlib.com  
Philip Hutchins hostmaster@storj.io  
Silke Hofstra syscom@snt.utwente.nl  
Edwin Balani sysadmins@srcf.net  
Dan Miller dm@sub6.com  
Fabien Potencier fabien@symfony.com  
Boris Rybalkin syncloud@syncloud.it  
Rony Weng ronyweng@synology.com  
Bjoern Henke dev-server@taifun-software.de  
Dominik George dominik.george@teckids.org  
Joshua Bayfield joshua.bayfield@gwiddlefoundation.org.uk  
Adrian Imboden adi@thingdust.com  
Mark Staarink mark@tlon.io  
Dustin Ward dward@townnews.com  
Phillipp Roll phillipp.roell@trafficplex.de  
Rory Breuk rbreuk@transip.nl  
Moritz Werner mwerner@jonaspasche.com  
Stefan Schwarz sysadm@united-gameserver.de  
Ed Moore Ed.Moore@lib.de.us  
Danko Aleksejevs danko@very.lv  
Simon Kissel hostmaster@viprinet.com  
Adnan RIHAN hostmaster@v-info.info  
Nathan van Bakel info@voorloper.com  
Arnold Hendriks info@webhare.com  
Henrique Vicente security@wedeploy.com  
Jung Jin jungseok.jin@wdc.com  
Yuvi Panda yuvipanda@wikimedia.org  
Julian Uphoff publicsufficlist@xenoncloud.net  
XnBay Developer developer.xncloud@gmail.com  
Daniel Mostertman unixbeheerpublicsuffix@xs4all.net  
Alexander Lodin securitypsl@yandex-team.ru

## Third Party License(s) of Terracotta (TDB) Version 10.11

Atul Bhouraskar atul@yescourse.com  
Stefano Rivera stefano@yola.com  
Mitch Schwenk mitch@yombo.net  
Valentin Grimaud security@yunohost.org  
Olli Vanhoja olli@zeit.co  
Martin Angelov martin@zine.bg  
Emil Stahl esp@zitcom.dk  
Su Hendro admin@zone.id  
Denis Benoit  
Anselm Baird-Smith  
Glenn L. Nielsen  
Robert Field  
Larry Cable  
Peter Rossbach pr@webapp.de  
TAMURA Kent IBM  
Andy Clark  
Arnaud Le Hors IBM  
Michael Glavashevich IBM  
Rahul Srivastava Sun Microsystems Inc.  
Chris Taylor Ceci Gulcu  
Brian Goetz  
the Tokenizer . Common  
Analyzers and Tokenizers  
IndexWriterConfig link IndexDeletionPolicy  
link DirectMonotonicWriter  
API Guardian Team team@apiguardian.org  
httpsassertj.github.io doc  
The Legion of the Bouncy Castle Inc. feedback-crypto@bouncycastle.org  
a <http://www.merant.com/products/pvcs>  
Buildship. Project  
an IColumnPresentationFactory  
Karsten Thoms karsten.thoms@itemis.de  
Vlad Roubtsov  
Committer Message  
Matthias Sohn matthias.sohn@sap.com  
Name Commit  
the Apache Software Foundation <http://www.apache.org> <http://www.apache.org>  
the Apache Software Foundation  
Istvan Sajtos  
Ian Bull  
Intel Corporation - initial API and implementation IBM Corporation  
Java projects  
Eclipse Runnable JAR  
name Templates.new  
MultiPartInputStream MultiParts  
Aki Yoshida  
Greg Wilkins  
Eugen Neufeld  
javolution <http://javolution.org>  
Ed Merks  
her own setup project  
the a href <http://www.iana.org/assignments/media-types>  
contributing a JUnit Plug-in Test  
projects  
plug-in projects  
team  
the platform when the user creates a project  
IMetadataRepositoryManager.html  
DecoratedField.html  
IPositionUpdater.html  
IInformationControlExtension2.html  
IInformationProvider.html  
ISynchronizationContext.html  
ISynchronizationScopeParticipant.html  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

NavigatorActionService.html

content Arthur Dent

Michal Borek

Xavier Raynaud xavier.raynaud@kalay.eu

Ketan Padegaonkar

Aparna ArgadeCadence Design Systems Inc. - Bug

Vincent Mahe

Stefan Seelmann

Stefan Schaefer

Brock Janiczak brockj at gmail dot com

Marcel Hoetter Marcel.Hoetter at genuinesoftware dot de

Jesper Steen Moeller jesper at selskabet dot org

Ketan Patel ktp420@live.com

Stephen Paulin paulin at developerskingdom dot com

Aparna Argade

John Cortell

Cedric Chabanois

Mariot Chauvin

Display command.revisions.authorToggle.description Toggles

content Manumitting Technologies

Prakash G. R.

HeapStatus Lars Vogel Lars.Vogel@vogella.com

Genady Beryozkin me@genady.org

Michael H Kay Saxonica Limited Jeni Tennison Jeni Tennison Consulting Ltd.

httpjonathanhedley.com

httpwww.junit.org

Stefan Bechtold stefan.bechtold@me.com Johannes Link business@johanneslink.net Marc Philipp mail@marcphilipp.de Matthias Merdes

Matthias.Merdes@heidelberg-mobil.com and Sam Brannen sam@sambrannen.com

QOS.ch

Lasse Collin andor Igor Pavlov

the Apache HttpClient project at httpjakarta.apache.orgcommonshttpclient httpjakarta.apache.orgcommonshttpclient . A

httpschwering.org Christoph Schwering at httpmoepii.sourceforge.net httpmoepii.sourceforge.net . A

JmDNS project team at httpjmdns.sourceforge.net httpjmdns.sourceforge.net . A

httpwww.jivesoftware.org Jive Software project team at httpwww.igniterealtime.org httpwww.igniterealtime.org . A

other open source projects

platform.ui

the Apache Software Foundation httpwww.apache.org

### **Embedded Copyright: eclipse-equinox 4.7.1**

Copyright 2004-2012 Apache MINA Project

This product includes software developed at

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

### **Embedded Copyright: eclipse-gemini.web.gemini-web-container 3.0.4.RELEASE**

Copyright (c) 2011-2012 SAP AG

Copyright (c) 2014-2018 SAP SE

Copyright (c) 2006, 2015 VMware Inc., Oracle Inc.

### **Embedded Copyright: fastinfoset 1.2.16**

Notices:

This content is produced and maintained by the Eclipse Implementation of JAXB project.

Eclipse Implementation of JAXB is a trademark of the Eclipse Foundation.

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <http://www.eclipse.org/org/documents/edl-v10.php>.

## Third Party License(s) of Terracotta (TDB) Version 10.11

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

Copyrights holders and authors:

Alan Hudson

Alexey Stashok

Andy Clark, IBM

Apache Maven

Arnaud Le Hors, IBM

Eric Ye, IBM

FastInfoset team

Glenn Marcy, IBM

International Business Machines, Inc.

Michael Glavashevich, IBM

Oracle and/or its affiliates.

Paul Sandoz

Paul.Sandoz@Sun.Com

Rahul Srivastava, Sun Microsystems Inc.

The Apache Software Foundation.

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

### **Embedded Copyright: gemini-blueprint-core 3.0.0.M01**

Copyright (c) 2008 - 2009 OSGi Alliance ( ). All Rights Reserved.

### **Embedded Copyright: glassfish 5.1**

Copyright (c) 1989, 1991 Free Software Foundation, Inc.

Copyright (c) 2004-2018 The Apache Software Foundation

Copyright (c) 2003 IBM Corp.

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

Copyright (c) 2000, 2007 OSGi Alliance

Copyright (c) 2009 by [www.imdict.net](http://www.imdict.net).

### **Embedded Copyright: glassfish 6**

Jerome Dochez

the Eclipse GlassFish project

Qingqing Ouyang

Shing Wai Chan

Mahesh Kannan

Craig R. McClanahan

Byron Nevins

Marina Vatkina

James Sutherland

Evani Sai Surya Kiran

Jagadish Ramu

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

Tony Ng

Remy Maucherat

Martin Porter and Richard Boulton

Kenneth Saks

Shalini M

Vincent Ryan

Kohsuke Kawaguchi

Harpreet Singh

Bhakti Mehta

Sanjeeb.Sahoo@Sun.COM

Simon Holdsworth IBM Corporation

Michael Bouschen

Apache Maven

[bhavanishankar@dev.java.net](mailto:bhavanishankar@dev.java.net)

the Eclipse Jersey project

Sheetal Vartak

## Third Party License(s) of Terracotta (TDB) Version 10.11

Amy Roh  
Tim Quinn  
Simon Holdsworth  
Mitesh Meswani  
IntelliJ IDEA.  
Danny Coward  
Masoud Kalali  
International Business Machines Corporation  
the National Institute of Standards and Technology  
Anders Moller  
Bob Krovetz and Sergio Guzman-Lara  
Jacques Savoy  
Jacques Savoy and Ljiljana Dolamic  
the Egothor project <http://egothor.sf.net>  
Leo Galambos Martin Kvapil and Edmond Nolan  
the Carrot2 project  
Dawid Weiss and Marcin Milkowski <http://morfologik.blogspot.com>  
Alexey Stashok  
Rajiv Mordani  
Nandini Ektare  
Harish Prabandham  
Jean-Francois Arcand  
[sanjeeb.sahoo@oracle.com](mailto:sanjeeb.sahoo@oracle.com)  
Bill Shannon  
Jeremy Lv  
Craig Russell  
Ken Paulsen [ken.paulsen@sun.com](mailto:ken.paulsen@sun.com)  
Kedar Mhaswade  
Srikanth P  
Jitendra Kotamraju  
[K.Venugopal@sun.com](mailto:K.Venugopal@sun.com)  
Rama Pulavarthi  
Rochelle Raccah  
Ron Monzillo  
Rajeshwar Patil  
Yamini K  
Tom Mueller  
Jennifer Chou  
David Blevins  
Dan Sandberg  
Ludovic Champenois  
Satish Viswanatham  
the EclipseLink project  
Kshitiz Saxena  
Joe Di Pol  
David Becker  
Rosanna Lee  
[bhavanishankar@java.net](mailto:bhavanishankar@java.net)  
Ram Jeyaraman  
Bip Thelin  
the Eclipse ORB project  
the ManagedConnectionFactory  
Carla Mott  
Ramesh Mandava  
Vivek Nagar  
Vijay Ramachandran  
Paul Speed  
Message Queue  
Jayalaxmi Hangal  
Chand Basha  
Jeff Trent  
Muralidhar Vempaty  
Nithya Subramanian  
[Paul.Sandoz@Sun.Com](mailto:Paul.Sandoz@Sun.Com)  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Jeanfrancois Arcand  
the Eclipse Metro project  
Larry White  
Dapeng Hu  
Sivakumar Thyagarajan  
Nazrul Islam  
Sanjeev Krishnan  
Sudarsan Sridhar  
ishan.vishnoi@java.net  
Kin-man Chung  
Jan Luehe  
Ludovic Champenois ludo@dev.java.net  
Sreenivas Munnangi  
Prashanth Abbagani  
Mark Munro  
Romain GRECOURT  
Tatu Saloranta tatu.saloranta@iki.fi  
Mark Roth  
Guy Pelletier  
David McCann  
Ken Saks  
Harpreet Singh harpreet.singh@sun.com  
jagadesh.munta@sun.com  
Craig R. McClanahan Craig.McClanahan@eng.sun.com  
Jagadesh Munta  
Costin Manolache  
Martin Mares  
Krishnamohan Meduri Krishna.Meduri@Sun.com  
Jason Lee  
Ilc  
Jennifer Chou Jagadish Ramu  
Paul Parkinson  
through the GlassFish project open-source community at <http://glassfish.java.net>. The GlassFish project  
through the GlassFish project open-source community at <https://javaee.github.io/glassfish>. The GlassFish project  
Lloyd Chambers  
Oracle Corporation  
a community of developers  
the Eclipse Project for JMS project  
the Jakarta JSON Processing project  
Murali Vempaty  
Hans Hrasna  
Aditya Gore  
Sebastian Sdorra  
Jie Leng  
Dave Bristol  
Rob Ruyak  
Deepa Singh deepa.singh@sun.com Company Sun Microsystems Inc.  
Sandhya Kripalani  
Ludovic Champenois  
administrator MB1097 Disk  
Shreedhar Ganapathy  
Binod PG  
Gerald Ingalls  
Pramod Gopinath  
David Zhao  
Harold Carr  
Jyri Virkki  
Sekhar Vajjhala  
Naman Mehta  
Lukas Jungmann  
Vivek Pandey  
Santiago.PericasGeertsens@oracle.com  
Andriy Zhdanov  
Jerome Dochez Sanjeeb Sahoo  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Dies Koper [dkoper@dev.java.net](mailto:dkoper@dev.java.net)  
the Jakarta Annotations project  
the Jakarta Expression Language project  
the Eclipse Project for JSP project  
the Eclipse Project  
the Jakarta Transactions project  
the Jakarta WebSocket project  
Gordon Yorke  
Shyam Rao  
C.S.Nirmal J. Fernando of University of Moratuwa Sri Lanka  
James Todd [gonzo@eng.sun.com](mailto:gonzo@eng.sun.com)  
Kedar Mhaswade [km@dev.java.net](mailto:km@dev.java.net)  
Daniel Tonn  
Markus Fuchs  
Chris Kasso  
Santiago.PericasGeertsen@sun.com  
Peter Donald  
Greg Murray  
[db@eng.sun.com](mailto:db@eng.sun.com)  
Ancoron Luciferis  
Marek Potociar [marek.potociar@sun.com](mailto:marek.potociar@sun.com)  
Krishna Deepak  
Piali Nag  
Jie Leng Dave Bristor  
the Reference Enhancer  
Sridatta Viswanath  
Roland Schemers  
Applient DD  
Web DD  
Arjan Tijms  
Chris Taylor Ceci Gulcu  
[author.jagadesh.munta@sun.com](mailto:author.jagadesh.munta@sun.com)  
Jyri J. Virkki  
Justin Lee  
James Duncan Davidson [duncan@eng.sun.com](mailto:duncan@eng.sun.com)  
Glenn L. Nielsen  
Sean C. Sullivan  
Justyna Horwat  
Rajeshwar Patil Ludovic Champenois  
[prasads@dev.java.net](mailto:prasads@dev.java.net)  
through the <https://github.com/comeclipse-ee4j/glassfish>  
with JavaServer Faces Facelets technology. <https://javaee.github.io/tutorial>  
Jline 1.x Developer Emeritus  
authors homepage <http://dojotoolkit.org>  
Anonymous Sample Book  
David Van Couvering  
the Jakarta Authentication project  
the Eclipse Jakarta Batch project  
the Jakarta Enterprise Beans project  
the Jakarta Contexts and Dependency Injection project  
the Jakarta Concurrency project  
error. T Unable  
the Eclipse Jakarta Dependency Injection project  
the Eclipse Project for Interceptors project  
the Jakarta JSON Binding project  
the Jakarta Mail project  
the Jakarta Persistence project  
the Jakarta Connectors project  
the Eclipse Project for Enterprise Security project  
JspC. Place  
Scott Boag  
the Jakarta RESTful Web Services project  
Ken Paulsen  
Tim Wood Iskren Chernev  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

the Eclipse Yasson project  
Anissa Lam  
Ken Paulsen ken.paulsen@oracle.com  
Qingqing Ouyang Binod  
Kanwar Oberoi  
Jeorme Dochez  
deployment dev team  
the BaseContainer  
R. Tyler Croy  
Ken Cavanaugh  
sridatta.viswanath@sun.com  
tangyong@cn.fujitsu.com  
Martin Zaun  
James Kong  
Harry Singh  
JeanFrancois Arcand  
Bobby Bissett  
the ConfigHelper CTOR  
aditya.gore@sun.com  
Sarada Kommalapati  
nandkumar.kesavan@sun.com  
Ramesh MandavaSantosh Singh  
Cedric Beust cedric@beust.com  
Justin.Lee@sun.com  
Ramesh. Adapter  
Jean Francois Arcand  
Deepa Singhdeepa.singh@sun.com Company Sun Microsystems Inc. param  
Deepa Singh deepa.singh@sun.com  
Paul.Sandoz@Oracle.Com  
Sandhya Kripalani K  
Deepa Singh  
Arun Krishnan  
Gunnar Rjinning  
Craig McClanahan  
Arvind Srinivasan  
Martin D. Flynn  
Mike Grogan  
Ludovic Champenois ludo@java.net  
bnevins Thread Safe. Immutable  
Sanjeeb Sahoo  
Prasad.Subramanian@Sun.COM  
Tom Beerbower  
Hemanth Puttaswamy  
Mahesh Meswani  
Bill Barker  
Stefan Freyr Stefansson  
Harpreet Singh hsingh@eng.sun.com  
k.venugopal@sun.com  
Yours Truly  
bnevins Problem  
bnevins Tiny  
Binod P G Sivakumar Thyagarajan  
Srikanth P and Binod PG  
Srikanth P Binod  
Binod P G Aditya Gore  
Srikanth Padakandla  
Srikanth P and Aditya Gore  
Sivakumar Thyagarjan  
Tony Ng Sivakumar Thyagarajan  
Tony Ng Jagadish Ramu  
Srikanth P Sivakumar Thyagarajan  
Aditya Gore Jagadish Ramu  
Kshitiz Saxena Jagadish Ramu  
Tony Ng Aditya Gore  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Terracotta (TDB) Version 10.11

Qingqing Ouyang Binod P.G.  
Kenneth Saks  
Jeome Dochez  
Prashant Jamkhedkar  
Prashanth Abbagani Jagadish Ramu  
Evani Sai Surya Kiran Aditya Gore  
Tamil Vengan  
Isa Hashim  
Satish Kumar  
the ProtocolManager  
satish.viswanatham@sun.com  
Yury Kamen  
Shing Wai Chan shingwai@iplanet.com  
Shanker N  
DOL. ApplicationInfo  
Kumar Jayanti  
the xwss team  
Jean-Baptiste Bugeaud  
Ronald Monzillo  
Ram Marti  
Kokil Jain  
amx-dev@sun.com  
Mukesh Kumawat  
Byron Nevins Sanity  
bnevins Fake  
the JAXRPublish  
Cheng Fang  
Davis Nguyen  
justin.d.lee@oracle.com  
Jakub Podlesak jakub.podlesak at oracle.com  
Jonathan Benoit  
Shyamant Hegde  
Ming.Zhang@sun.com  
jdlee@dev.java.net  
Lloyd.Chambers@sun.com  
Roger.Kitain@oracle.com  
Cay Horstmann  
the Apache Software Foundation [httpwww.apache.org](http://www.apache.org)  
Pierre Delisle  
Jagadesh Munta jagadesh.munta@sun.com  
jagadesh.munta@sun.com  
a Factory  
Sankara Rao Bhogi  
Sun Micro Systems Inc  
Dhiru Pandey  
Malcolm Ayres  
darpan.dinker@sun.com  
Darpan Dinker  
Michal Gajdos michal.gajdos at oracle.com  
Jerome Dochez Sanjeeb Sahoo Shing Wai Chan  
Filip Hanik  
the Container  
Remy Maucharat  
Peter Rossbach pero@apache.org  
Holger Hoffstatte  
Michael C. Macaluso  
the Catalina.java  
Martin T Dengler root@martindengler.com  
Marc Eaddy  
Kief Morris kief@kief.com  
Sean Legassick  
Jeffrey Rodriguez  
Jason Hunter jhunter@acm.org  
TAMURA Kent kent@trl.ibm.co.jp  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Martin Dengler root@martindengler.com

Tim Tye

Jason Brittain

Tim Funk

Andre de Jesus

Jean-Frederic Clere

Charlie J. Hunt

Neelam Vaidya

byron.nevins@sun.com

Glenn Nielsen

Jacek Laskowski

Glenn Nielsen Rich Catlett

Roger.Kitain@Sun.COM

Marek Potociar

GlassFish Server

through the GlassFish project open-source community at <https://github.com/javaee/glassfish>. The GlassFish project

the MessageEndpointFactory

on host sj01.example.com

Shigeru Chiba

the Initial Developer

the JDBC Connection Pool. More

RSA Data Security Inc.

jane.young@sun.com

km@dev.java.net

sanjeeb.sahoo@sun.com

Tony Vlatas

Michael Cico

Harpreet Singh

Rajeshwar Paitl

Luvdovic Champenois ludo@dev.java.net

Pavel Bucek pavel.bucek at oracle.com

Pajeshwar Patil

Byron Nevins bnevins@dev.java.net

John Mani

Pavel Bucek

Marek Potociar marek.potociar at oracle.com

Kedar.Mhaswade@Sun.Com

byron Nevins

Sheetal.Vartak@Sun.COM

Rajiv Mordani Krishna Deepak

Jerome Dochez Carla Mott

Ram Jeyaraman Harpreet Singh Nazrul Islam Siraj Ghaffar

Deployment Dev Team

Persistence Team

Sanjeeb.Sahoo@Oracle.com

link EmbeddedOSGiGlassFishRuntime

Byron Nevins First

Ken Paulsen kenpaulsen@dev.java.net

Siraj Ghaffar siraj@dev.java.net

Jerome Dochez sahuo@sun.com

Jerome Dochez Deprecated

Hemanth Puttaswamy AUTHOR Carla Mott

Mahesh Rangamani

GlassFish then FileArchive

Sandhya E

Jennifer Galloway

Mahesh Kannan Started

kedaarkm@dev.java.net Bill Shannon

Jerome Dochez Jagadish Ramu

K.Venuopal@sun.com

### **Embedded Copyright: gson 2.8.5**

authors:

Sven Mawson

Inderjeet Singh,

Copyright (c) 2021 Software AG, Darmstadt, Germany

Joel Leitch, Jesse Wilson

Kevin Bourrillion

**Embedded Copyright: guava 30.1.1-jre**

Copyrights holders and authors:

Adam Winer

Alan Green

Alex Matevossian

Anthony Zana

Apple Chow

Atkinson, et al. Unlike

Austin Appleby

Ben Yu

Bin Zhu

Bob Lee

Brian Milch

Catherine Berry

Charles Fry

Chris Nokleberg

Chris Povirk

Christopher Swenson

Clement Roux

Cliff Biffle

Cliff L. Biffle

Colin Decker

Colin Evans

Craig Berry

Daniel J. Bernstein

Darick Tong

David Beaumont

Dimitris Andreou

Doug Lea

Doug Lea and Martin Buchholz

Emily Soldal

Eric Fellheimer

Erik Kline

Geoff Pike

Gregory Kick

Harry Heymann

Hayward Chan

Hiroshi Yamauchi

Isaac Shum

James Sexton

Jared Levy

Jason Lee

Jayaprabhakar Kadarkarai

Jean-Philippe Aumasson

Jens Nyman

Jesse Wilson

Johannes Henkel

Jon Noack

Joshua O'Madadhain

Julien Silland

Justin Mahoney

Justin T. Sampson

Keith Bottner

Kevin Bourrillion

Kevin Damm

Kurt Alfred Kluever

Kyle Littlefield

Kyle Maddison

Laurence Gonsalves

Louis Wasserman

Luke Sandberg

Marcin Mikosik

Copyright (c) 2021 Software AG, Darmstadt, Germany

Mark Davis  
Martin Buchholz  
Michael Lancaster  
Mick Killianey  
Mike Bostock  
Mike Ward  
Miles Barr  
Nick Kravovich  
Nick Piepmeier  
Nishant Thakkar  
Omar Darwish  
Paul Marks  
Pete Gillin  
Qian Huang  
Raimundo Mirisola  
Robert Konigsberg  
Sebastian Kanthak  
Shardul Deo  
Steve McKay  
Sven Mawson  
Sverre Sundsdal  
Torbjorn Gannholm  
Warren Dukes  
code CacheBuilder

**Embedded Copyright: hdrhistogram-hdrhistogram 2.1.12**

Gil Tene of Azul Systems

**Embedded Copyright: hibernate-validator 6.2.0.Final**

Guillaume Smet  
Hardy Ferentschik  
Marko Bekhta  
Gunnar Morling  
Kevin Pollet kevin.pollet@serli.com  
Emmanuel Bernard  
Xavier Sosnovsky  
Alaa Nassef  
Khalid Alqinyah  
George Gastaldi  
Chris Beckey cbeckey@paypal.com  
Marko Bekta  
Victor Rezende  
Yoann Rodiere  
Adam Stawicki  
Dag Hovland  
Federico Mancini  
Lukas Niemeier  
Willi Schonborn  
Damir Alibegovic  
Kazuki Shimizu  
Craig Andrews  
Artem Boiarshinov  
Paolo Perrotta  
Davide Marchignoli  
Apache Maven  
Tadhg Pearson  
Gavin King  
group  
Doug Lea  
Dario Seidl  
Alexander Gatsenko  
Jason T. Greene  
Mark Hobson  
Sanne Grinovero

## Embedded Copyright: hk2-api 2.6.1

Notice:

# Notices for Eclipse GlassFish

This content is produced and maintained by the Eclipse GlassFish project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.glassfish>

### ## Trademarks

Eclipse GlassFish, and GlassFish are trademarks of the Eclipse Foundation.

### ## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

### ## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

### ## Source Code

The project maintains the following source code repositories:

- \* <https://github.com/eclipse-ee4j/glassfish-ha-api>
- \* <https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor>
- \* <https://github.com/eclipse-ee4j/glassfish-shoal>
- \* <https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck>
- \* <https://github.com/eclipse-ee4j/glassfish-jsftemplating>
- \* <https://github.com/eclipse-ee4j/glassfish-hk2-extra>
- \* <https://github.com/eclipse-ee4j/glassfish-hk2>
- \* <https://github.com/eclipse-ee4j/glassfish-fighterfish>

### ## Third-party Content

This project leverages the following third party content.

None

### ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

## Embedded Copyright: httpclient 4.5.13

Gavin Brown [gavin.brown@centralnic.com](mailto:gavin.brown@centralnic.com)

Luke Wells [psl-maintainers@amazon.com](mailto:psl-maintainers@amazon.com)

George Georgievsky [gug@cctld.ru](mailto:gug@cctld.ru)

Apache Maven

Shante Adam [shante@skyhat.io](mailto:shante@skyhat.io)

## Third Party License(s) of Terracotta (TDB) Version 10.11

uognoc@triton.uog.edu  
2014-12-18 Amazon Registry Services Inc.  
Ian Boston boston@adobe.com  
Przemyslaw Plewa it-admin@domena.pl  
Anton Avramov avramov@alboto.ca  
Mark J. Titorenko mark.titorenko@alces-software.com  
Werner Kaltofen wk@all-inkl.com  
Eli Perelman eperelman@algorithmia.io  
Carlo Cannas tech\_staff@altervista.it  
Donavan Miller donavanm@amazon.com  
Imre Jonk hostmaster@amsterdamwireless.nl  
Thomas Orozco thomas@aptible.com  
Asei SEKIGUCHI mail@aseinet.com  
Hector Martin marcan@euskalencounter.org  
Vincent Tseng vincenttseng@asustor.com  
Andreas Weise a.weise@avm.de  
James Kennedy domains@advisorwebsites.com  
Olivier Benz olivier.benz@b-data.ch  
Anthony Voutas anthony@backplane.io  
Petros Angelatos petrosagg@balena.io  
Janos Matyas info@banzaicloud.com  
Nathan OSullivan nathan@mammoth.com.au  
Paul Crowder paul.crowder@blackbaud.com  
Tibor Halter thalter@boomla.com  
Axel Fontaine axel@boxfuse.com  
Miroslav Bozic security@bplaced.net  
Dave Tharp browsersafetymark.io@quicinc.com  
Paul Cammish paul.cammish@bytemark.co.uk  
Marcus Popp admin@callidomus.com  
B. Blechschmidt hostmaster@certmgr.org  
Alex Stoddard alex.stoddard@citrix.com  
Rishabh Nambiar Michael Brown team@discourse.org  
Leon Rowland leon@clearvox.nl  
Quentin Adam noc@clever-cloud.com  
Colin Sidoti colin@clerk.dev  
Khash Sajadi khash@cloud66.com  
Pawel Panek noc@cloudaccess.net  
Tobias Wilken tw@cloudcontrol.com  
Philip Langdale security@cloudera.com  
Patrick Nielsen patrick@clovyr.io  
Govert Versluis govert@co-co.nl  
Martin Semrad semrad@i-registry.cz  
Jan Krpes jan.krpes@cdn77.com  
Aleksander Hristov noc@cloudns.net  
Stefan Dimitrov contact@cloudeity.com  
Angelo Gladding angelo@lahacker.net  
Thomas Wouters thomas.wouters@combellgroup.com  
Rene Marticke rmarticke@cosimo.de  
Ales Krajnik ales.krajnik@craynic.com  
Andrew Cady public-suffix-list@cryptonomic.net  
Jonathan Rudenberg jonathan@cupcake.io  
Marvin Wiesner Marvin@curv-labs.de  
Gregory Drake support@dyn.com  
Dominic Luechinger dol@cyon.ch  
Skylar MacDonald skylar@dangerscience.com  
Philipp Heckel ph@datto.com  
Anani Voule digital@digital.co.dk  
Daniil Burdakov icqkill@gmail.com  
Paul Biggar ops@darklang.com  
Richard Li secalert@datawire.io  
Peter Thomassen peter@desec.io  
Norbert Auler mail@dnshome.de  
Atsadawat Netcharadsang atsadawat@dotarai.co.th  
Paul Fang mis@draytek.com

## Third Party License(s) of Terracotta (TDB) Version 10.11

Andrew Farmer andrew.farmer@dreamhost.com  
Ricardo Padilha rpadilha@drobo.com  
Kevin Bridges kevin@drud.com  
Richard Harper richard@duckdns.org  
Joel Kennedy joel@bip.sh  
Craig Welch abeliidev@gmail.com  
Heikki Hannikainen hessu@hes.iki.fi  
Robert Niedziela webmaster@ddnss.de  
Maxence Bitterli maxence@definima.com  
Sue Ye sue@dynu.com  
Dominik Menke dom@digineo.de  
Vladimir Dudr info@e4you.cz  
Emmanuel Raviart emmanuel@raviart.com  
Thomas Cottier thomas.cottier@enalean.com  
frc1533@ecrobotics.org  
Erik Kaareng-Sunde esu@enonic.com  
Pierre Beyssac hostmaster@eu.org  
Michal Kralik support@evennode.com  
Eric Jiang eric@fabrica.dev  
Peter Ruibal public-suffix@fb.com  
Maxim Alzoba tech.contact@faitid.org  
Aman Gupta aman@getchannels.com  
Fastly Security security@fastly.com  
Likhachev Vasily lihachev@fastvps.ru  
Simon Menke simon@featherhead.xyz  
Patrick Uiterwijk puitewijk@fedoraproject.org  
Keith Fairley domains@fearworksmedia.co.uk  
Koen Van Isterdael k.vanisterdael@fermax.be  
Jason Zhu jason@owtware.com  
Chris Raynor chris@firebase.com  
Kurt Mackey kurt@fly.io  
Jonathan Rudenberg jonathan@flynn.io  
Frederik Braun fb@frederik-braun.com  
Romain Fliedel rfliedel@freebox.fr  
Daniel Stone daniel@fooishbar.org  
Daniel A. Maierhofer vorstand@funkfeuer.at  
Andreas Schnederle-Wagner schnederle@futureweb.at  
David Illsley david.illsley@digital.cabinet-office.gov.uk  
Kohei YOSHIDA tech@gehirn.co.jp  
Tom Klein tom@gentlent.com  
Patrick Toomey security@github.com  
Alex Hanselka alex@gitlab.com  
Aljaz Starc me@aljaxus.eu  
Mads Hartmann mads@glitch.com  
Tom Whitwell tom.whitwell@digital.cabinet-office.gov.uk  
Richard Baker richard.baker@digital.cabinet-office.gov.uk  
Jon Shanks jon.shanks@digital.homeoffice.gov.uk  
Zoltan Egresi egresi@globehosting.com  
Christian Poulter milchstrasse@goip.de  
Eduardo Vela evn@google.com  
Aaron Marais its\_me@aaronleem.co.za  
Tyler Todd noc@nova53.net  
Arseniy Sokolov security@hakaran.cz  
Mike Damm md@md.vc  
Shahid K Muhammed shahid@hasura.io  
David Grellscheid admin@hepforge.org  
Tom Maher tmaher@heroku.com  
Oren Eini oren@ravendb.net  
Atanunu Igbunuroghene publicsuffixlist@hostbip.com  
Eero Hakkinen Eeropsi@Hakkinen.fi  
Simon Morvan simon@icilalune.com  
Hannu Aronsson haa@iki.fi  
Christian Seitz chris@in-berlin.de  
Jacob Slater whois@igloo.to  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Gabriel Ferreira registrobr@interlegis.leg.br  
Wolfgang Schwarz admin@intermetrics.de  
Vasily Sheredeko piphon@gmail.com  
Matthew Hardeman mhardeman@ipifony.com  
Kim-Alexander Brodowski info@iserv.eu  
Yuji Minagawa domains-admin@iodata.jp  
Ihor Kolodyuk ik@jelastic.com  
Sergey Ulyashin ulyashin@jino.ru  
Brian Bennett brian.bennett@joyent.com  
Stefan Keim admin@js.org  
Wouter Bakker hostmaster@kaashosting.nl  
Martin Dannehl postmaster@keymachine.de  
Felipe Keller Braz felipebraz@kinghost.com.br  
Roy Keene rkeene@knightpoint.com  
Lars Laehn info@lcube.de  
Greg Dallavalle domains@leadpages.net  
Lelux Admin publisuffix@lelux.site  
Greg Holland greg.holland@lmpm.com  
Paulo Matos pmatos@linki.tools  
Mario Siegenthaler mario.siegenthaler@linkyard.ch  
security@linode.com  
Victor Velchev admin@liquidnetlimited.com  
Remi Mach remi.mach@loginline.com  
Ireneusz Maliszewski ireneusz.maliszewski@lubman.pl  
Jon Spriggs admin@lug.org.uk  
Anton Avramov register@lukanet.com  
Damien Tournoud dtournoud@magento.cloud  
Jamie McClelland info@mayfirst.org  
Ilya Zaretskiy zaretskiy@corp.mail.ru  
Noa Heyl hi@noa.dev  
Evgeniy Subbotin e.subbotin@mchost.ru  
Tom Whitwell domains@memset.com  
Zdenek Sustr zdenek.sustr@cesnet.cz  
Radim Janca janca@cesnet.cz  
Pierre Carrier pierre@meteor.com  
Mostafa Elzeiny moelzein@microsoft.com  
Grayson Martin grayson.martin@mobileeducation.us  
Ben Francis bfrancis@mozilla.com  
Khannanov Roman r.khannanov@msk-ix.ru  
Paul Cammish kelduum@mythic-beasts.com  
Paulus Schoutsen infra@nabucasa.com  
Jessica Parsons jessica@netlify.com  
Trung Tran Trung.Tran@neustar.biz  
Alan Shreve alan@ngrok.com  
Nicholas Ford nick@nimbushosting.co.uk  
Jeff Wheelhouse support@nearlyfreespeech.net  
Steve Russell steve@now-dns.com  
Thomas Waldmann info@nsupdate.info  
Deven Reza publicsuffixlist@noip.com  
Konstantin Nosov Nosov@nodeart.io  
Wietse Wind hellopublicsuffixlist@nodum.io  
Piotr Zduniak piotr@nucleos.com  
Matthew Brown mattbrown@nyc.mn  
Mike Bostock dns@observablehq.com  
Andrew Sampson andrew@ulterius.io  
Adam Newbold adam@omg.lol  
Cole Estep cole@omnibond.com  
Vicary Archangel vicary@omniwe.com  
Eddie Jones eddie@onefoldmedia.com  
Alexander Varwijk security@getopensocial.com  
Sven Marnach sven@opencraft.com  
Yngve Pettersen yngve@opera.com  
Skygear Developer hello@skygear.io  
Duarte Santos domain-admin@outsystemscloud.com  
Copyright (c) 2021 Software AG, Darmstadt, Germany



## Third Party License(s) of Terracotta (TDB) Version 10.11

Jan Moennich jan.moennich@ownprovider.com  
Dean Sheather dean@deansheather.com  
Adam Grand webmaster@mail.ox.rs  
Charly Coste changaco@changaco.oy.lc  
Derek Myers derek@pagefog.com  
Jason Kriss jason@pagefronthq.com  
Yann Guichard yann@pagexl.com  
Pierre Carrier pc@rrier.ca  
Gary Dylina gary@pantheon.io  
Steve Leung steveleung@peplink.com  
Kenneth Van Alstyne kvanalstyne@perspecta.com  
Frederic VANNIERE f.vanniere@planet-work.com  
Nikola Kotur nikola@platform.sh  
Patrick Flor patrick@platter.dev  
Anton Akhtyamov program-managers@plesk.com  
Maximilian Schieder maxi@zeug.co  
Sarah Newman owner@prgmr.com  
Jonah Aragon jonah@privacytools.io  
Michael Burns noc@protocol.ai  
Martin Meier admin@protonet.io  
Yaacov Akiba Slama admin@chirurgiens-dentistes-en-france.fr  
Kor Nielsen kor@pubtls.org  
Xavier De Cock xdecock@gmail.com  
Dani Biro dani@pymet.com  
Jons Slemmer jons@redstarconsultants.com  
Cassandra Beelen cassandra@beelen.one  
Nick Chang nickchang@qnap.com  
Patrick Linehan plinehan@quip.com  
Jonas Schwartz jonas@qutheory.io  
Kirill Pertsev kika@rackmaze.com  
Joshua Zhang public-suffix@rgames.jp  
Vincent Fiduccia domains@rancher.com  
David Fischer team@readthedocs.org  
Tim Kramer tkramer@rhcloud.com  
Anurag Goel dev@render.com  
Mason Clayton mason@repl.it  
Tim Perry tim@resin.io  
Chris Kastorff info@rethinkdb.com  
Jack Price jack@revitalised.co.uk  
Jennifer Herting jchits@rit.edu  
Asheesh Laroia asheesh@sandstorm.io  
Norman Meilick nm@sbe.de  
Hanno Bock hanno@schokokeks.org  
Martin Ellis martin.ellis@gov.scot  
Erik Anders erik.anders@securepoint.de  
Artem Kondratev accounts@seidat.com  
Felix Monckemeyer f.moenckemeyer@senseering.de  
Serhii Bulakh support@drs.ua  
Adam Jimenez adam@shiftcreate.com  
Alex Bowers alex@shopblocks.com  
Craig McMahon craig@shopitcommerce.com  
Jens Kuper cloud@shopware.com  
Oliver Graebner security@mo-siemens.io  
Skylar Challand support@siteleaf.com  
Aral Balkan aral@small-tech.org  
Adrien Gillon adrienpublic-suffix-list@stackhero.io  
Seth Vincent sethvincent@gmail.com  
David Coles david.coles@sony.com  
Antonis Kalipetis akalipetis@sourcelair.com  
Reza Akhavan spacekit.io@gmail.com  
Stefan Neufeind info@speedpartner.de  
Jacob Lee jacob@stdlib.com  
Philip Hutchins hostmaster@storj.io  
Silke Hofstra syscom@snt.utwente.nl

## Third Party License(s) of Terracotta (TDB) Version 10.11

Edwin Balani sysadmins@srcf.net  
Dan Miller dm@sub6.com  
Fabien Potencier fabien@symfony.com  
Boris Rybalkin syncloud@syncloud.it  
Rony Weng ronyweng@synology.com  
Bjoern Henke dev-server@taifun-software.de  
Dominik George dominik.george@teckids.org  
Joshua Bayfield joshua.bayfield@gwiddlefoundation.org.uk  
Adrian Imboden adi@thingdust.com  
Mark Staarink mark@tlon.io  
Dustin Ward dward@townnews.com  
Phillipp Roll phillipp.roell@trafficplex.de  
Rory Breuk rbreuk@transip.nl  
Moritz Werner mwerner@jonaspasche.com  
Stefan Schwarz sysadm@united-gameserver.de  
Ed Moore Ed.Moore@lib.de.us  
Danko Aleksejevs danko@very.lv  
Connor Davis security@vercel.com  
Simon Kissel hostmaster@viprinet.com  
Adnan RIHAN hostmaster@v-info.info  
Nathan van Bakel info@voorloper.com  
Mia Rehlinger dns@voxel.sh  
Serhii Rostilo sergey@rostilo.kiev.ua  
Arnold Hendriks info@webhare.com  
Henrique Vicente security@wedeploy.com  
Jung Jin jungseok.jin@wdc.com  
Kidd Hustle kiddhustle@wiardweb.com  
Arturo Borrero Gonzalez aborrero@wikimedia.org  
Stepan Fedotov stepan@wisp.gg  
Tim Dusterhus security@woltlab.cloud  
Li Hui lihui@sinopub.com  
Julian Uphoff publicsuffixlist@xenoncloud.net  
XnBay Developer developer.xncloud@gmail.com  
Daniel Mostertman unixbeheerpublicsuffix@xs4all.net  
Alexander Lodin securitypsl@yandex-team.ru  
Atul Bhouraskar atul@yescourse.com  
Stefano Rivera stefano@yola.com  
Mitch Schwenk mitch@yombo.net  
Valentin Grimaud security@yunohost.org  
Martin Angelov martin@zine.bg  
Emil Stahl esp@zitcom.dk  
Ben Aubin security@mintere.com  
Maksym Rivtin support@cityhost.net.ua  
Michael Smith michael.smith@wpengine.com  
Brandon DuRette brandon.durette@wpengine.com  
Zhixiang Zhao csuite@impertrix.com  
Karl Wright kwright@metacarta.com

### **Embedded Copyright: httpcore 4.4.14**

Notices:

Apache HttpCore  
Copyright 2005-2020 The Apache Software Foundation

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

Copyrights holders and authors:  
Apache Maven  
The Apache Software Foundation

## Embedded Copyright: istack-commons-runtime 3.0.8

Notices:

# Notices for Eclipse Implementation of JAXB

This content is produced and maintained by the Eclipse Implementation of JAXB project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.jaxb-impl>

### ## Trademarks

Eclipse Implementation of JAXB is a trademark of the Eclipse Foundation.

### ## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

### ## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <http://www.eclipse.org/org/documents/edl-v10.php>.

SPDX-License-Identifier: BSD-3-Clause

### ## Source Code

The project maintains the following source code repositories:

- \* <https://github.com/eclipse-ee4j/jaxb-ri>
- \* <https://github.com/eclipse-ee4j/jaxb-istack-commons>
- \* <https://github.com/eclipse-ee4j/jaxb-dtd-parser>
- \* <https://github.com/eclipse-ee4j/jaxb-fi>
- \* <https://github.com/eclipse-ee4j/jaxb-stax-ex>
- \* <https://github.com/eclipse-ee4j/jax-rpc-ri>

### ## Third-party Content

This project leverages the following third party content.

Apache Ant (1.10.2)

\* License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

Apache Ant (1.10.2)

\* License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

Apache Felix (1.2.0)

\* License: Apache License, 2.0

args4j (2.33)

\* License: MIT License

dom4j (1.6.1)

\* License: Custom license based on Apache 1.1

file-management (3.0.0)

## Third Party License(s) of Terracotta (TDB) Version 10.11

\* License: Apache-2.0

\* Project: <https://maven.apache.org/shared/file-management/>

\* Source:

<https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/>

JUnit (4.12)

\* License: Eclipse Public License

JUnit (4.12)

\* License: Eclipse Public License

maven-compat (3.5.2)

\* License: Apache-2.0

\* Project: <https://maven.apache.org/ref/3.5.2/maven-compat/>

\* Source:

<https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2>

maven-core (3.5.2)

\* License: Apache-2.0

\* Project: <https://maven.apache.org/ref/3.5.2/maven-core/index.html>

\* Source: <https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2>

maven-plugin-annotations (3.5)

\* License: Apache-2.0

\* Project: <https://maven.apache.org/plugin-tools/maven-plugin-annotations/>

\* Source:

<https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations>

maven-plugin-api (3.5.2)

\* License: Apache-2.0

maven-resolver-api (1.1.1)

\* License: Apache-2.0

maven-resolver-api (1.1.1)

\* License: Apache-2.0

maven-resolver-connector-basic (1.1.1)

\* License: Apache-2.0

maven-resolver-impl (1.1.1)

\* License: Apache-2.0

maven-resolver-spi (1.1.1)

\* License: Apache-2.0

maven-resolver-transport-file (1.1.1)

\* License: Apache-2.0

\* Project: <https://maven.apache.org/resolver/maven-resolver-transport-file/>

\* Source:

<https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file>

## Third Party License(s) of Terracotta (TDB) Version 10.11

maven-resolver-util (1.1.1)

\* License: Apache-2.0

maven-settings (3.5.2)

\* License: Apache-2.0

\* Source:

<https://mavenrepository.com/artifact/org.apache.maven/maven-settings/3.5.2>

OSGi Service Platform Core Companion Code (6.0)

\* License: Apache License, 2.0

plexus-archiver (3.5)

\* License: Apache-2.0

\* Project: <https://codehaus-plexus.github.io/plexus-archiver/>

\* Source: <https://github.com/codehaus-plexus/plexus-archiver>

plexus-io (3.0.0)

\* License: Apache-2.0

plexus-utils (3.1.0)

\* License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana University Extreme! Lab Software License V1.1.1 (Apache 1.1 style)

relaxng-datatype (1.0)

\* License: New BSD license

Sax (0.2)

\* License: SAX-PD

\* Project: <http://www.megginson.com/downloads/SAX/>

\* Source: [http://sourceforge.net/project/showfiles.php?group\\_id=29449](http://sourceforge.net/project/showfiles.php?group_id=29449)

testng (6.14.2)

\* License: Apache-2.0 AND (MIT OR GPL-1.0+)

\* Project: <https://testng.org/doc/index.html>

\* Source: <https://github.com/cbeust/testng>

wagon-http-lightweight (3.0.0)

\* License: Pending

\* Project: <https://maven.apache.org/wagon/>

\* Source:

<https://mavenrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0>

xz for java (1.8)

\* License: LicenseRef-Public-Domain

### ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

Copyrights holders and authors:

Apache Maven  
Fabian Ritzmann  
Kohsuke Kawaguchi  
Marek Potociar  
Martin Grebac  
Oracle and/or its affiliates.  
Ryan.Shoemaker@Sun.COM  
WS Development Team

**Embedded Copyright: jackson-annotations 2.12.1**

calling HandlerInstantiator of ObjectMapper  
Pascal Gelin

**Embedded Copyright: jackson-annotations 2.12.4**

Copyrights holders and authors:  
Pascal Gelin  
calling HandlerInstantiator of ObjectMapper

**Embedded Copyright: jackson-core 2.11.4**

Notices:  
# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.  
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has  
been in development since 2007.  
It is currently developed by a community of developers, as well as supported  
commercially by FasterXML.com.

## Licensing

Jackson core and extension components may be licensed under different licenses.  
To find the details that apply to this artifact see the accompanying LICENSE file.  
For more information, including possible other licensing options, contact  
FasterXML.com (<http://fasterxml.com>).

## Credits

A list of contributors may be found from CREDITS file, which is included  
in some artifacts (usually source distributions); but is always available  
from the source code management (SCM) system project uses.

Copyrights holders and authors:

Apache Maven  
Override public ObjectCodec  
Tatu Saloranta (tatu.saloranta@iki.fi)  
a community of developers

**Embedded Copyright: jackson-core 2.12.1**

Ryan Heaton  
a community

**Embedded Copyright: jackson-core 2.12.4**

a community

**Embedded Copyright: jackson-databind 2.12.1**

Ryan Heaton  
Tatu Saloranta tatu.saloranta@iki.fi  
a community  
zenglian@github.com  
crazylirui@gmail.com  
lilei@venusgroup.com.cn

**Embedded Copyright: jackson-databind 2.12.4**

a community  
Ryan Heaton

## Third Party License(s) of Terracotta (TDB) Version 10.11

link ObjectReader

### **Embedded Copyright: jackson-dataformat-cbor 2.11.4**

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

### **Embedded Copyright: jackson-datatype-jdk8 2.12.4**

Tatu Saloranta

### **Embedded Copyright: jackson-datatype-jsr310 2.12.4**

Nick Williams

Zoltan Kiss

Tatu Saloranta

### **Embedded Copyright: jackson-jaxrs-base 2.11.4**

Apache Maven

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

### **Embedded Copyright: jackson-jaxrs-json-provider 2.11.4**

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

### **Embedded Copyright: jackson-module-jaxb-annotations 2.11.4**

Ryan Heaton

Apache Maven

### **Embedded Copyright: jackson-module-parameter-names 2.12.4**

Lovro Pandzic

### **Embedded Copyright: jakarta.annotation-api 1.3.5**

the Jakarta Annotations project

Apache Maven

Notices:

# Notices for Jakarta Annotations

This content is produced and maintained by the Jakarta Annotations project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.ca>

## Trademarks

Jakarta Annotations is a trademark of the Eclipse Foundation.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at

<http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/common-annotations-api>

## Third Party License(s) of Terracotta (TDB) Version 10.11

### ## Third-party Content

### ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

Copyrights holders and authors:

Apache Maven

Eclipse Foundation.

Free Software Foundation, Inc.

Oracle and/or its affiliates.

the Free Software Foundation

the Jakarta Annotations project.

### **Embedded Copyright: jakarta.inject 2.6.1**

Notices:

# Notices for Eclipse GlassFish

This content is produced and maintained by the Eclipse GlassFish project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.glassfish>

### ## Trademarks

Eclipse GlassFish, and GlassFish are trademarks of the Eclipse Foundation.

### ## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

### ## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

### ## Source Code

The project maintains the following source code repositories:

- \* <https://github.com/eclipse-ee4j/glassfish-ha-api>
- \* <https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor>
- \* <https://github.com/eclipse-ee4j/glassfish-shoal>
- \* <https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck>
- \* <https://github.com/eclipse-ee4j/glassfish-jsftemplating>
- \* <https://github.com/eclipse-ee4j/glassfish-hk2-extra>
- \* <https://github.com/eclipse-ee4j/glassfish-hk2>
- \* <https://github.com/eclipse-ee4j/glassfish-fighterfish>

### ## Third-party Content



## Third Party License(s) of Terracotta (TDB) Version 10.11

This project leverages the following third party content.

None

### ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

Copyrights holders and authors:

Apache Maven

#### **Embedded Copyright: jakarta.validation-api 2.0.2**

Apache Maven

the Eclipse Jakarta Bean Validation project

Emmanuel Bernard

Gunnar Morling

Hardy Ferentschik

Guillaume Smet

Gavin King

Dhanji R. Prasanna

Gerhard Petracek

Sebastian Thomschke

Kevin Pollet

Emmanuel Bernard <emmanuel@hibernate.org>

#### **Embedded Copyright: jakarta.ws.rs-api 2.1.6**

Notices:

Notices for the Jakarta RESTful Web Services Project

This content is produced and maintained by the **\*\*Jakarta RESTful Web Services\*\*** project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.jaxrs>

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

Copyrights holders and authors:

Apache Maven

Bill Burke

Eclipse Foundation.

Free Software Foundation, Inc.

Google Inc.

Marc Hadley

Marek Potociar

Marek Potociar (marek.potociar at oracle.com)

Martin Matula

Oracle and/or its affiliates.

Paul Sandoz

Pavel Bucek

Pavel Bucek (pavel.bucek at oracle.com)

Santiago Pericas-Geertsen

Sergey Beryozkin

the Free Software Foundation

the Jakarta RESTful Web Services project.

**Embedded Copyright: javax.annotation-api 1.3.2**

Copyright (c) 1989, 1991 Free Software Foundation, Inc.

**Embedded Copyright: jaxb-api 2.3.0**

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

**Embedded Copyright: jaxb-xjc 2.3.1**

Apache Maven

David Brownell

Bhakti Mehta bhakti.mehta@sun.com

Tomas Kraus

mailto:jjc@jclark.com James Clark

mailto:kohsuke.kawaguchi@sun.com Kohsuke KAWAGUCHI

Kirill Grouchnikov

Janet Koenig

Vivek Pandey

Bhakti Mehta

Ryan.Shoemaker@Sun.COM

Kirill Grouchnikov kirillcool@yahoo.com

mailto:Ryan.Shoemaker@Sun.COM Ryan Shoemaker Sun Microsystems Inc.

Jonas von Malottki

Bhakti Mehta Bhakti.Mehta@sun.com

Yan GAO gaoyan.gao@oracle.com

Martin Grebac martin.grebac@sun.com

Martin Grebac martin.grebac@oracle.com

Marcel Valovy

David Brownell Janet Koenig

David Megginson

Ryan Shoemaker Sun Microsystems Inc.

Lukas Jungmann

Vivek Pandey Lukas Jungmann

Bhakti Mehta

mailtodemakov@ispras.ru Alexey Demakov

Ben Tomasini ben.tomasini@gmail.com

Ryan Shoemaker ryan.shoemaker@sun.com

Janet Koenig

Kirill Grouchnikov kirillcool@yahoo.com

Aleksei Valikov valikov@gmx.net

Ben Tomasini ben.tomasini@gmail.com

Martin Grebac

Ryan Shoemaker ryan.shoemaker@sun.com

David Megginson sax@megginson.com

Yan Gao gaoyan.gao@oracle.com

**Embedded Copyright: jboss-annotations-api\_1.3\_spec 2.0.1.Final**

the Jakarta Annotations project

Apache Maven

**Embedded Copyright: jboss-threads 3.1.0.Final**

Apache Maven

**Embedded Copyright: jboss-threads 3.1.1.Final**

Apache Maven

**Embedded Copyright: jboss-websocket-api\_1.1\_spec 2.0.0.Final**

the Jakarta WebSocket project

Apache Maven

**Embedded Copyright: jcommander 1.78**

Cedric Beust cedric@beust.com

Angus Smithson

Gary Gregory

**Embedded Copyright: jersey-client 2.34**

Marek Potociar

Gaurav Gupta gaurav.gupta@payara.fish

Miroslav Fuksa

Paul Sandoz

Adam Lindenthal

Martin Matula

Copyright (c) 2021 Software AG, Darmstadt, Germany

Petr Bouda  
Michal Gajdos  
Pavel Bucek  
Libor Kramolis  
Stepan Kopriva  
Paul Sandoz Marek Potociar Gaurav Gupta gaurav.gupta@payara.fish  
the Eclipse Jersey project  
Jakub Podlesak  
Marek Potociar Martin Matula Libor Kramolis Gaurav Gupta gaurav.gupta@payara.fish  
Marek Potociar Libor Kramolis  
Craig McClanahan  
raphael.jolivet@gmail.com  
Stefan Katerkamp stefan@katerkamp.de  
Patrik Dudits

**Embedded Copyright: jersey-common 2.34**

Marek Potociar  
Paul Sandoz  
Petr Bouda  
Paul Sandoz Marek Potociar  
Miroslav Fuksa  
Jared Levy  
Kevin Bourrillion  
Martin Matula  
Louis Wasserman  
Michal Gajdos  
Jakub Podlesak  
Libor Kramolis  
Doug Lea  
Charles Fry  
Adam Lindenthal  
Ondrej Kosatka  
Mike Bostock  
Sven Mawson  
Chris Povirk  
the Eclipse Jersey project  
Pavel Bucek  
Bob Lee  
WS Development Team  
Marc Hadley  
Nishant Thakkar  
Jesse Wilson  
John Wells john.wells at oracle.com  
Gerard Davison gerard.davison at oracle.com  
Marc Hadley Marek Potociar  
Marc Hadley Marek Potociar Martin Matula  
Miroslav Fuksa Marek Potociar  
Miroslav Fuksa Jakub Podlesak  
Petr Janouch  
Paul Sandoz Gerard Davison gerard.davison at oracle.com  
Alexey Stashok  
Mark Reinhold  
Austin Appleby  
Michal Gajdos Libor Kramolis  
Alexey Stashok Hubert Iwaniuk Bruno Harbulot Marek Potociar  
Paul Sandoz Santiago Pericas-Geertsen  
Jakub Podlesak Adam Lindenthal  
Jakub Podlesak Marek Potociar Martin Matula  
Mark Reinhold Marek Potociar  
Mark Reinhold Jakub Podlesak Marek Potociar  
Pavel Bucek Libor Kramolis  
a MessageBodyWriter  
Paul Sandoz Marek Potociar hubick@java.net  
Paul Sandoz Marek Potociar Miroslav Fuksa  
John Mani Bill Shannon Max Spivak  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Marek Potociar Michal Gajdos Libor Kramolis  
Santiago Pericas-Geertsen Marek Potociar  
Paul Sandoz Marek Potociar Jakub Podlesak  
Marek Potociar Libor Kramolis  
Michal Gajdos Marek Potociar  
Miroslav Fuksa Michal Gajdos  
Marek Potociar Miroslav Fuksa  
invoking the <https://docs.oracle.com/javase/8/docs/api/java/util/concurrent/ThreadFactory.html> is-external  
Paul Sandoz Yegor Bugayenko yegor256 at java.net  
Paul Sandoz Martin Matula Gerard Davison gerard.davison at oracle.com  
Paul Sandoz Martin Matula Miroslav Fuksa Vetle Leinonen-Roeim vetle at roeim.net  
Hubert Iwaniuk  
Bruno Harbulot  
Santiago Pericas-Geertsen Santiago.PericasGeertsen at oracle.com  
code CacheBuilder  
Ben Yu  
Gregory Kick  
Erik Kline  
Isaac Shum  
Eric Fellheimer  
Kyle Littlefield  
Justin Mahoney  
Laurence Gonsalves  
Jason Lee  
Robert Konigsberg  
Mick Killianey  
Kurt Alfred Kluever  
Anthony Zana  
link DisposableSupplier  
Tom Beerbower  
Gaurav Gupta  
Stepan Vavra  
Stepan Vavra stepan.vavra@oracle.com  
Ryan Lubke ryan.lubke at oracle.com  
Gerard Davison  
Kohsuke Kawaguchi  
Gustav Trede  
Gili Tzabari  
hubick@java.net  
John Mani  
Bill Shannon  
Max Spivak  
Santiago Pericas-Geertsen  
Yegor Bugayenko yegor256 at java.net  
Vetle Leinonen-Roeim vetle at roeim.net

### **Embedded Copyright: jersey-container-servlet 2.34**

Adam Lindenthal  
the Eclipse Jersey project  
Jakub Podlesak Marek Potociar  
Paul Sandoz Martin Matula Libor Kramolis  
Jakub Podlesak  
Marek Potociar  
Paul Sandoz  
Martin Matula  
Libor Kramolis

### **Embedded Copyright: jersey-container-servlet-core 2.34**

Paul Sandoz  
Jakub Podlesak  
Libor Kramolis  
Michal Gajdos  
Marek Potociar  
Martin Matula  
Adam Lindenthal

the Eclipse Jersey project  
Paul Sandoz Pavel Bucek Michal Gajdos Libor Kramolis  
Paul Sandoz Jakub Podlesak Marek Potociar Martin Matula Libor Kramolis  
Paul Sandoz Guilherme Silveira  
Paul Sandoz Jakub Podlesak Martin Matula Libor Kramolis  
Pavel Bucek  
Guilherme Silveira  
link AsyncContextDelegateProvider

**Embedded Copyright: jersey-entity-filtering 2.34**

Michal Gajdos  
Andy Pemberton pembertona at gmail.com  
the Eclipse Jersey project

**Embedded Copyright: jersey-hk2 2.34**

Petr Bouda  
Marek Potociar  
the Eclipse Jersey project  
Marek Potociar Jakub Podlesak  
John Wells  
Jakub Podlesak  
John Wells john.wells at oracle.com

**Embedded Copyright: jersey-media-jaxb 2.34**

Paul Sandoz  
Marek Potociar  
Paul Sandoz Marek Potociar  
Jakub Podlesak  
Martin Matula  
the Eclipse Jersey project  
Michal Gajdos  
Paul Sandoz Martin Matula  
Paul Sandoz Marek Potociar Martin Matula  
Martin Matula Michal Gajdos  
Florian Rosenberg

**Embedded Copyright: jersey-media-json-jackson 2.34**

Michal Gajdos  
the Eclipse Jersey project  
Stepan Kopriva Michal Gajdos  
Tatu Saloranta

**Embedded Copyright: jersey-server 2.34**

Marek Potociar  
Miroslav Fuksa  
Paul Sandoz  
Eric Bruneton  
Jakub Podlesak  
Martin Grotzke martin.grotzke at freiheit.com  
Michal Gajdos  
Petr Bouda  
Stepan Vavra  
Martin Matula  
Pavel Bucek  
Libor Kramolis  
Jakub Podlesak Marek Potociar  
Remi Forax  
Eugene Kuleshov  
Eric Bruneton Eugene Kuleshov  
Jason Zaugg  
Paul Sandoz Marek Potociar  
the Eclipse Jersey project  
Dropwizard Team  
Remi Forax Eric Bruneton  
Adam Lindenthal  
Gerard Davison  
Marc Hadley  
Paul Sandoz Jakub Podlesak Marek Potociar  
Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

Paul Sandoz Martin Matula  
a Jersey  
Eric Bruneton Chris Nokleberg  
Pavel Bucek Jakub Podlesak Marek Potociar Libor Kramolis  
Pavel Bucek Martin Matula  
Pavel Bucek Martin Matula Marek Potociar  
Marek Potociar Paul Sandoz  
Paul Sandoz Martin Matula Michal Gajdos Marek Potociar  
Marek Potociar Libor Kramolis Michal Gajdos Martin Matula  
Martin Matula Jakub Podlesak Marek Potociar  
Paul Sandoz Martin Matula Fredy Nagy Florian Hars florian at hars.de  
Michal Gajdos Marek Potociar  
Jakub Podlesak Marek Potociar Martin Matula  
Marc Hadley Jakub Podlesak  
Marek Potociar Miroslav Fuksa  
Marek Potociar Martin Matula  
Marc Hadley Marek Potociar  
Michal Gajdos Constantino Cronemberger  
Miroslav Fuksa Michal Gajdos  
Miroslav Fuksa Libor Kramolis  
Miroslav Fuksa Adam Lindenthal  
Marek Potociar Jakub Podlesak  
Marek Potociar Michal Gajdos  
Marc Hadley Martin Grotzke  
Martin Grotzke  
Chris Nokleberg  
Fredy Nagy  
Florian Hars florian at hars.de  
Gerard Davison gerard.davison at oracle.com  
Jason T. Greene  
Constantino Cronemberger

### **Embedded Copyright: jquery 3.5.1**

name JS Foundation and other contributors url <https://github.com/jquery/jquery/blob/3.5.1/AUTHORS.txt>

### **Embedded Copyright: micrometer-core 1.7.1**

Copyright (c) 2012-2017 The Netty Project  
Copyright (c) 2004-2011 QOS.ch  
Copyright (c) 2002-2019 the original author or authors  
Copyright (c) 2010 Google Inc  
Copyright (c) 2017-2020 Pivotal Software Inc  
Copyright (c) 2001-2019 The Apache Software Foundation

### **Embedded Copyright: not-going-to-be-commons-ssl 0.3.20**

<mailto:hauer@psicode.com> Sebastian Hauer  
Credit Union Central of British Columbia, <http://www.cucbc.com/>  
Apache Software Foundation  
Julius Davies  
<mailto:juliusdavies@cucbc.com> [juliusdavies@gmail.com](mailto:juliusdavies@gmail.com)  
Chad La Joie  
Bouncy Castle  
Credit Union Central of British Columbia (<http://www.cucbc.com/>)

### **Embedded Copyright: org.apache.felix.scr 2.1.16**

Copyright (c) 2000, 2009, 2012, 2016 - 2017 OSGi Alliance. All Rights Reserved.  
Copyright (c) 2002 - 2003 Stefan Haustein, Oberhausen, Rhld., Germany.

### **Embedded Copyright: osgi-resource-locator 1.0.3**

the Eclipse GlassFish project  
Kohsuke Kawaguchi  
[Sanjeeb.Sahoo@Sun.COM](mailto:Sanjeeb.Sahoo@Sun.COM)  
[sanjeeb.sahoo@oracle.com](mailto:sanjeeb.sahoo@oracle.com)  
Sivakumar Thyagarajan

### **Embedded Copyright: protobuf-java 3.12.2**

[kenton@google.com](mailto:kenton@google.com)  
[jonp@google.com](mailto:jonp@google.com)  
[liujisi@google.com](mailto:liujisi@google.com)

dweis@google.com  
xiangl@google.com  
cpovirk@google.com  
carlanton@google.com  
crazybob@google.com  
wenboz@google.com  
martinrb@google.com  
darick@google.com

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

Copyright 1997, 1998 Sun Microsystems, Inc. All Rights Reserved. \* \* Redistribution and use in source and binary forms, with or without \* modification, are permitted provided that the following conditions \* are met: \* \* - Redistributions of source code must retain the above copyright \* notice, this list of conditions and the following disclaimer. \* \* - Redistributions in binary form must reproduce the above copyright \* notice, this list of conditions and the following disclaimer in the \* documentation and/or other materials provided with the distribution. \* \* - Neither the name of Sun Microsystems nor the names of its \* contributors may be used to endorse or promote products derived \* from this software without specific prior written permission. \* \* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS \* IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, \* THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR \* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR \* CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, \* EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, \* PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR \* PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF \* LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING \* NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS \* SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### **Embedded Copyright: shiro-core 1.7.1**

Copyrights holders and authors:

Apache Maven  
the Spring Framework Project (<http://www.springframework.org>)

### **Embedded Copyright: simpleclient 0.10.0**

Doug Lea

### **Embedded Copyright: slf4j-api 1.7.30**

Authors:

Lukasz Cwik  
Joern Huxhorn  
Ceki Gulcu  
Chetan Mehrotra  
Alexander Dorokhine  
Robert Elliot  
Wessel van Norel  
Maarten Bosteels

### **Embedded Copyright: slf4j-api 1.7.31**

Ceki Gulcu  
Joern Huxhorn  
Alexander Dorokhine  
Chetan Mehrotra  
Robert Elliot  
Wessel van Norel  
Maarten Bosteels  
Lukasz Cwik

### **Embedded Copyright: spring-aop 5.3.8**

Juergen Hoeller  
Rod Johnson  
Rob Harrop  
Adrian Colyer  
Ramnivas Laddad  
Sam Brannen  
Mark Fisher  
Stephane Nicoll  
Dmitriy Kopylenko  
Dave Syer  
Chris Beams  
Phillip Webb  
Bob Lee  
Sebastien Deleuze

Sergey Tsyanov  
Oliver Gierke  
the FactoryBean  
Steve Souza  
Kazuki Shimizu

**Embedded Copyright: spring-beans 5.3.8**

Juergen Hoeller  
Rob Harrop  
Rod Johnson  
Chris Beams  
the FactoryBean  
Sam Brannen  
Mark Fisher  
Sebastien Deleuze  
Stephane Nicoll  
Rick Evans  
Costin Leau  
Arjen Poutsma  
Dave Syer  
Colin Sampaleanu  
Jeff Brown  
Phillip Webb  
Rod Johnson Juergen Hoeller Alef Arendsen Colin Sampaleanu Rob Harrop  
Juergen Hoeller Rob Harrop Mark Fisher Chris Beams  
Alef Arendsen  
Adrian Colyer  
Erik Wiersma  
Nicholas Williams  
Jean-Pierre Pawlak  
the FactoryBean. b Therefore  
Ramnivas Laddad  
Keith Donald  
Brian Clozel  
Graeme Rocher  
FactoryBeans FactoryBean  
FactoryBean. FactoryBean  
Gary Russell  
Thomas Risberg

**Embedded Copyright: spring-boot 2.5.2**

Phillip Webb  
Andy Wilkinson  
Madhura Bhawe  
Stephane Nicoll  
Brian Clozel  
Dave Syer  
Eddu Melendez  
Scott Frederick  
Ivan Sopov  
Vedran Pavic  
Artsiom Yudovin  
Edson Chavez  
Ben Hale  
Vladimir Tsanev  
Dmytro Nosan  
Chris Bono  
Ilya Lukyanovich  
Sebastien Deleuze  
Craig Burke  
Raja Kolli  
Toshiaki Maki  
HaiTao Zhang  
Jean de Klerk  
Christoph Dreis



Kristine Jetzke  
Jeremy Rickard  
Ethan Rubinson  
Tyler Van Gorder  
Christian Dupuis  
Michael Simons  
Geoffrey Chandler  
Paul Aly  
Fabio Grassi  
Tadaya Tsuyukubo  
Anton Telechev  
Robert Thornton  
Mark Paluch  
Veronica Vasquez  
David Liu  
Venil Noronha  
Raheela Aslam  
Michael Stummvoll  
Vladislav Kisel  
Philip Webb  
Drummond Dawson  
Hendrig Sellik  
Ruben Dijkstra  
Eric Bottard  
Nguyen Sach  
Jakub Kubrynski  
Tomasz Przybyla  
Raphael von der Grun  
Nguyen Bao Sach  
Michal Mlak  
Thiago Hirata  
Matt Benson  
Maciej Walkowiak  
Marten Deinum  
Nidhi Desai  
Sebastiaan Fernandez  
Christian Carriere-Tisseur  
Daniel Fullarton  
Alexander Heusingfeld  
Josh Long  
Oliver Gierke  
Filip Hrisafov  
Kevin Strijbos  
Andrey Hihlovskiy  
Henri Kerola  
Olivier Lamy  
Stephane Maldini  
Andy Clement  
Pascal Zwick  
Brock Mills  
Christoffer Sawicki  
Dawid Antecki  
Peter Leibiger  
Marcos Barbero  
Michele Mancioffi  
Anand Shah  
Joao Pedro Evangelista

**Embedded Copyright: spring-boot-actuator 2.5.2**

Phillip Webb  
Andy Wilkinson  
Stephane Nicoll  
Dave Syer  
Brian Clozel  
Jon Schneider

Christian Dupuis  
Vedran Pavic  
Madhura Bhave  
Scott Frederick  
Eddu Melendez  
Artsiom Yudovin  
Chris Bono  
Nishant Raut  
Johannes Edmeier  
Alexandre Dutra  
Meang Akira Tanaka  
Tadaya Tsuyukubo  
Tomasz Lelek  
HaiTao Zhang  
Michael McFadyen  
Michael J. Simons  
Mark Paluch  
Wallace Wadge  
Julien Dubois  
Mikalai Lushchytski  
Aleksander Lech  
Filip Hrisafov  
Toshiaki Maki  
Nicolas Lejeune  
David Good  
Chao Chang  
Christoph Dreis  
Julio Jose Gomez Diaz  
Dmytro Nosan  
Nikolay Rybak  
Michael Pratt  
Tim Ysewyn  
Arthur Kalimullin  
Ben Hale  
Lari Hotari  
Raja Kolli  
Arnaud Cogoluegnes  
David J. M. Karlsen  
Johnny Lim  
Chanhyeong LEE  
Yulin Qin  
Eric Spiegelberg  
Richard Santana  
Markus Schuch  
Mattias Severson  
Emily Tsanova  
Joseph Beeton  
Olivier Bourgain  
Venil Noronha

**Embedded Copyright: spring-boot-actuator-autoconfigure 2.5.2**

Stephane Nicoll  
Phillip Webb  
Andy Wilkinson  
Jon Schneider  
Madhura Bhave  
Artsiom Yudovin  
Brian Clozel  
Dave Syer  
Christian Dupuis  
Vedran Pavic  
Eddu Melendez  
Chris Bono  
Dmytro Nosan  
Scott Frederick

Tadaya Tsuyukubo  
Johannes Graf  
Mark Paluch  
Johannes Edmeier  
Michael Simons  
Julio Gomez  
Alexander Abramov  
Neil Powell  
Raheela Aslam  
Michael J. Simons  
Richard Santana  
Julien Dubois  
Greg Turnquist  
Andy Wilkinson Nicoll  
Mikalai Lushchytski  
Aleksander Lech  
Chao Chang  
HaiTao Zhang  
Leo Li  
Meang Akira Tanaka  
Tim Ysewyn  
Arthur Kalimullin  
Christian Carriere-Tisseur  
David J. M. Karlsen  
Nikolay Rybak  
Michael Weirauch  
Jonatan Ivanov  
Rui Figueira  
Eric Spiegelberg  
Hatef Palizgar  
Mattias Severson  
Wallace Wadge  
Venil Noronha

**Embedded Copyright: spring-boot-autoconfigure 2.5.2**

Stephane Nicoll  
Phillip Webb  
Andy Wilkinson  
Eddu Melendez  
Dave Syer  
Madhura Bhave  
Brian Clozel  
Mark Paluch  
Vedran Pavic  
Scott Frederick  
Artsiom Yudovin  
Josh Long  
Oliver Gierke  
Kazuki Shimizu  
Gary Russell  
Greg Turnquist  
Tommy Ludwig  
Michael J. Simons  
Marcel Overdijk  
Sebastien Deleuze  
Christoph Strobl  
Andreas Ahlenstorf  
Dmytro Nosan  
Maciej Walkowiak  
Rob Winch  
Chris Bono  
Artem Bilan  
HaiTao Zhang  
Yulin Qin  
Andrii Hrytsiuk

## Third Party License(s) of Terracotta (TDB) Version 10.11

Aurelien Leboulanger  
Venil Noronha  
Lukas Eder  
Rafiullah Hamedy  
Mahmoud Ben Hassine  
Julien Dubois  
Alex Derkach  
Artur Konczak  
Mohsin Husen  
Christian Dupuis  
Dan Zheng  
Marten Deinum  
Ivan Golovko  
Michael Simons  
Ivan Sopov  
Chentao Qu  
Josh Thornhill  
Jean-Pierre Bergamin  
Ryon Day  
Raja Kolli  
Eneias Silva  
Michael Hunger  
Marco Aust  
Dominic Gunn  
Andras Deak  
Anand Shastri  
David Liu  
Sergey Kuptsov  
Johannes Edmeier  
Fabio Grassi  
Justin Bertram  
Nakul Mishra  
Mathieu Ouellet  
Ferenc Gratzner  
Evgeniy Cheban  
Nasko Vasilev  
Yogesh Lonkar  
Manuel Doninger  
Rodolpho S. Couto  
MyeongHyeon Lee  
Daniel Fernandez  
Michael Stummvoll  
Kristine Jetzke  
Olivier Lamy  
Andrew McGhie  
Dirk Deyne  
Victor Mandujano  
Parviz Rozikov  
Sergey Serdyuk  
Yunkun Huang  
Toshiaki Maki  
Bruce Brouwer  
Franjo Zilic  
Mukul Kumar Chaundhyan  
Steffen F. Qvistgaard  
Jakub Kubrynski  
Kedar Joshi  
Michael Nitschinger  
Scott Fredericks  
Vince Bickers  
Oliver Drotbohm  
Alen Turkovic  
Jacques-Etienne Beaudet  
Semyon Danilov

Roy Clarkson  
Piotr Maj  
Grzegorz Poznachowski  
Patryk Kostrzewa  
Benedikt Ritter  
Michael Gmeiner  
Henryk Konsek  
Issam El-atif  
Paulius Dambrauskas  
Tadaya Tsuyukubo  
Andreas Killaitis  
Aarti Gupta  
Thiago Hirata  
Anastasiia Losieva  
Patrick Bray  
Camille Vienot  
Filip Hrisafov  
Nishant Raut  
Matej Nedic  
Marcos Barbero  
Quinten De Swaef  
Arstiom Yudovin  
Gaurav Pareek  
Raheela Aslam  
Raheela Asalm

**Embedded Copyright: spring-boot-loader-tools 2.5.2**

Phillip Webb  
Madhura Bhave  
Andy Wilkinson  
Scott Frederick  
Dave Syer  
Stephane Nicoll  
Justin Rosenberg  
Dmytro Nosan

**Embedded Copyright: spring-context 5.3.8**

Juergen Hoeller  
Chris Beams  
Rob Harrop  
Stephane Nicoll  
Costin Leau  
Rod Johnson  
Mark Fisher  
Sam Brannen  
Phillip Webb  
Keith Donald  
Sebastien Deleuze  
Arjen Poutsma  
Jennifer Hickey  
Ramnivas Laddad  
Dave Syer  
Rossen Stoyanchev  
Marcin Kamionowski  
Rick Evans  
Jean-Pierre Pawlak  
Brian Clozel  
Andy Clement  
Nicholas Williams  
Dmitriy Kopylenko  
Colin Sampaleanu  
Mario Arias  
Alef Arendsen  
Christian Dupuis  
Jeff Brown

Qimiao Chen  
Oliver Gierke  
Andrei Nevedomskii  
Adrian Colyer  
David Boden  
Seth Ladd  
Elizabeth Chatman  
Tobias Montagna-Hay  
Ruslan Sibgatullin  
Kazuki Shimizu  
Christoph Dreis

**Embedded Copyright: spring-context-support 5.3.8**

Juergen Hoeller  
Stephane Nicoll  
Dmitriy Kopylenko  
Ben Manes  
Costin Leau  
Darren Davison  
Sam Brannen  
Stas Volsky  
Rob Harrop  
Mark Fisher  
Alef Arendsen  
Chris Beams

**Embedded Copyright: spring-core 5.3.8**

Juergen Hoeller  
Phillip Webb  
Arjen Poutsma  
Sam Brannen  
Keith Donald  
Chris Beams  
Rossen Stoyanchev  
Sebastien Deleuze  
Eric Bruneton  
Stephane Nicoll  
Rob Harrop  
Mark Fisher  
Brian Clozel  
Rod Johnson  
Costin Leau  
Gary Russell  
Eugene Kuleshov  
Ramnivas Laddad  
Remi Forax  
Dave Syer  
Mark Pollack  
Vladislav Kisel  
Colin Sampaleanu  
Craig Andrews  
Jason Zaugg  
link Enhancer  
Oliver Gierke  
Adrian Colyer  
Andy Clement  
Yanming Zhou  
Rick Evans  
Chris Nokleberg  
Qimiao Chen  
Oleg Zhurakousky  
Mark Paluch  
Josh Cummings  
David Haraburda  
Philippe Marschall

Ales Justin  
Marius Bogoevici  
Rob Winch  
Alef Arendsen  
Erwin Vervaet  
Hyunjin Choi  
Dimitrios Liapis  
Ben Hale  
Gunnar Hillert  
Stephane Maldini  
Mattias Severson  
Luke Taylor

**Embedded Copyright: spring-expression 5.3.8**

Andy Clement  
Juergen Hoeller  
Giovanni Dall'Oglio  
Risso  
Phillip Webb  
Mark Fisher  
Keith Donald  
Sam Brannen  
Oliver Becker  
Satyapal Reddy  
Stephane Nicoll  
Ivo Smid  
Clark Duplichien  
Chris Beams  
Rossen Stoyanchev

**Embedded Copyright: spring-jcl 5.3.8**

Juergen Hoeller

**Embedded Copyright: spring-messaging 5.3.8**

Rossen Stoyanchev  
Mark Fisher  
Juergen Hoeller  
Sebastien Deleuze  
Stephane Nicoll  
Brian Clozel  
Arjen Poutsma  
Gary Russell  
Sam Brannen  
Andy Wilkinson  
Stephane Maldini  
Iwein Fuld  
Parviz Rozikov  
Agim Emruli  
Oleg Zhurakousky  
Phillip Webb

**Embedded Copyright: spring-security-config 5.5.1**

Rob Winch  
Eleftheria Stein  
Spring Security  
Luke Taylor  
Ben Alex  
Joe Grandja  
Ankur Pathak  
Evgeniy Cheban  
Eddu Melendez  
Josh Cummings  
Shazin Sadakath  
Vedran Pavic  
Onur Kagan Ozcan  
Dan Zheng  
Tim Ysewyn  
Parikshit Dutta

Kazuki Shimizu  
Rafiullah Hamedy  
Ruby Hartono  
Alexey Nesterov  
Christophe Gilles  
Wallace Wadge  
Tony Dalbrekt  
Tadaya Tsuyukubo  
Jesus Ascama Arias  
Luis Felipe Vega  
Manuel Tejada  
Ebert Toribio  
link WebSecurityConfiguration  
Roman Matiushchenko  
Keesun Baik  
Michael Vitz  
Marten Deinum  
Oliver Becker  
Phillip Webb  
Loic Labagnara  
Ivan Pavlov

**Embedded Copyright: spring-security-core 5.5.0**

Ben Alex  
Luke Taylor  
Rob Winch  
Keith Donald  
Ray Krueger  
Jitendra Singh  
Ruud Senden  
Michael Mayr  
Josh Cummings  
Evgeniy Cheban  
William Tran  
Laurent Pireyn laurent.pireyn@pisolutions.eu  
Valentin Crettaz valentin.crettaz@consulthys.com  
Leonardo Pinto leoviveiros@gmail.com  
Jose Santos  
Oleg Zhuravlev olezhuravlev@gmail.com  
Ryan Heaton  
Eleftheria Stein  
Eddu Melendez  
Onur Kagan Ozcan  
Robbie Martinus  
Joe Grandja  
Simeon Macke  
Dave Syer  
Rob Worsnop  
Andrei Stefan  
Daniel Bustamante  
Thomas Darimont  
Tadaya Tsuyukubo  
Rafiullah Hamedy  
Brian Moseley  
Dan Zheng  
Scott Battaglia  
Marten Deinum  
Damien Miller  
Lin Feng  
Annabelle Donald  
Corgan Donald  
Michael Simons  
Alan Stewart  
Loic Guibert  
Shazin Sadakath  
Copyright (c) 2021 Software AG, Darmstadt, Germany



Yannick Lombardi  
Greg Turnquist  
Richard Valdivieso

**Embedded Copyright: spring-security-core 5.5.1**

Ben Alex  
Luke Taylor  
Rob Winch  
Ray Krueger  
Jitendra Singh  
Ruud Senden  
Michael Mayr  
Josh Cummings  
Evgeniy Cheban  
Laurent Pireyn laurent.pireyn@pisolutions.eu  
Valentin Crettaz valentin.crettaz@consulthys.com  
Leonardo Pinto leoviveiros@gmail.com  
Jose Santos  
Oleg Zhuravlev olezhuravlev@gmail.com  
Ryan Heaton  
Eleftheria Stein  
Eddu Melendez  
Onur Kagan Ozcan  
Robbie Martinus  
Andrei Stefan  
Daniel Bustamante  
Thomas Darimont  
Tadaya Tsuyukubo  
Rafiullah Hamedy  
Brian Moseley  
Joe Grandja  
Dan Zheng  
Scott Battaglia  
Marten Deinum  
Yannick Lombardi  
Greg Turnquist  
Richard Valdivieso

**Embedded Copyright: spring-security-crypto 5.5.1**

Keith Donald  
Luke Taylor  
Rob Winch  
William Tran  
Simeon Macke  
Dave Syer  
Rob Worsnop  
Ray Krueger  
Damien Miller  
Lin Feng  
Joe Grandja  
Annabelle Donald  
Corgan Donald  
Michael Simons  
Alan Stewart  
Loic Guibert  
Shazin Sadakath

**Embedded Copyright: spring-security-saml2-core 1.0.10.RELEASE**

Mandus Elfving  
Mandus Elfving, Vladimir Schafer  
Vladimir Schafer  
Vladimir Schaefer  
Vladimir Schfer  
Mandus Elfving, Vladimir Schaefer  
Jonathan Tellier, Vladimir Schaefer

**Embedded Copyright: spring-security-web 5.5.1**

Rob Winch  
Luke Taylor  
Ben Alex  
Ankur Pathak  
Eddu Melendez  
Mathieu Ouellet  
Ruud Senden  
Marten Deinum  
Jitendra Singh  
Eric Deandrea  
Evgeniy Cheban  
Vedran Pavic  
Josh Cummings  
Sergey Beshpalov  
Onur Kagan Ozcan  
Andrey Grebnev  
Ray Krueger  
Mike Wiesner  
Shazin Sadakath  
Rafiullah Hamedy  
Leonard Brunings  
Boris Finkelshteyn  
Dan Zheng  
Kazuki Shimizu  
Christophe Gilles  
Craig McClanahan  
Alexey Nesterov  
MD Sayem Ahmed  
Orlando Garcia Carmona  
Andreas Senft  
Carlos Sanchez  
Omri Spector  
Colin Sampaleanu  
Gunnar Hillert  
Tadaya Tsuyukubo  
Milan Sevcik  
Stephane Manciot  
Nicholas Williams  
Keesun Baik  
Marten Algesten  
Gabriel Lavoie  
Luke Butters  
Joe Grandja  
Tim Ysewyn  
Zeeshan Adnan  
Remy Maucherat  
David Kovac  
Artur Otrzonsek  
Thomas Vitale  
Parikshit Dutta  
Eleftheria Stein  
Tao Qian  
Martin Algesten  
Nick McKinney

**Embedded Copyright: spring-web 5.3.8**

Rossen Stoyanchev  
Juergen Hoeller  
Arjen Poutsma  
Sebastien Deleuze  
Brian Clozel  
Sam Brannen  
Chris Beams

Jon Schneider  
Rod Johnson  
Andy Clement  
Rob Winch  
Roy Clarkson  
Rob Harrop  
Phillip Webb  
Trevor D. Cook  
Violeta Georgieva  
Jakub Narloch  
Oleg Kalnichevski  
Luciano Leggieri  
Stephane Maldini  
Stephane Nicoll  
Martin Tarjanyi  
Keith Donald  
Marek Hawrylczak  
Colin Sampaleanu  
Martin Kersten  
Kazuki Shimizu  
Tadaya Tsuyukubo  
Eddu Melendez  
Alex Antonov  
Ruslan Akhundov  
Greg Turnquist  
Oliver Gierke  
Craig Andrews  
Sergey Tsypanov  
Josh Long  
Parviz Rozikov  
Mark Paluch  
Andreas Ahlenstorf  
Christophe Maillard  
Scott Andrews  
Russell Allen  
Simon Galperin  
Markus Malkusch  
Dave Syer  
Ben Alex  
Vladislav Kisel  
Marten Deinum  
Alef Arendsen  
Rick Evans

**Embedded Copyright: spring-webmvc 5.3.8**

Rossen Stoyanchev  
Juergen Hoeller  
Arjen Poutsma  
Sebastien Deleuze  
Rob Harrop  
Brian Clozel  
Rod Johnson  
Sam Brannen  
Keith Donald  
Jeremy Grelle  
Jean-Pierre Pawlak  
Scott Andrews  
Darren Davison  
Chris Beams  
Nicholas Williams  
Thomas Risberg  
Rick Evans  
Nicolas Le Bas  
Alef Arendsen  
Stephane Nicoll

Phillip Webb  
Agim Emruli  
link AnnotationDrivenBeanDefinitionParser  
Marten Deinum  
Christian Dupuis  
Sivaprasad Valluru  
Dave Syer  
David Syer  
Oliver Gierke  
Mark Fisher  
Sergey Galkin  
Colin Sampaleanu

**Embedded Copyright: spring-websocket 5.3.8**

Rossen Stoyanchev  
Juergen Hoeller  
Sebastien Deleuze  
Brian Clozel  
Phillip Webb  
Artem Bilan  
Andy Wilkinson  
Sam Brannen  
Michael Irwin

**Embedded Copyright: springframework 5.2.4.RELEASE\_1**

Rod Johnson  
Juergen Hoeller  
Adrian Colyer  
Rob Harrop  
Ramnivas Laddad  
Dave Syer  
Sam Brannen  
Phillip Webb  
Mark Fisher  
Chris Beams  
Oliver Gierke  
Dmitriy Kopylenko  
Stephane Nicoll  
Steve Souza  
Kazuki Shimizu  
Arjen Poutsma  
Sebastien Deleuze  
Alef Arendsen  
Colin Sampaleanu  
Keith Donald  
Rick Evans  
Jeff Brown  
Graeme Rocher  
Costin Leau  
FactoryBeans FactoryBean  
FactoryBean. FactoryBean  
Gary Russell  
Erik Wiersma  
Rod Johnson, Juergen Hoeller, Alef Arendsen, Colin Sampaleanu, Rob Harrop  
Juergen Hoeller, Rob Harrop, Mark Fisher, Chris Beams  
Thomas Risberg  
Nicholas Williams  
Jean-Pierre Pawlak  
Marcin Kamionowski  
Christian Dupuis  
Andy Clement  
Andrei Nevedomskii  
Rossen Stoyanchev  
Jennifer Hickey  
David Boden

Seth Ladd  
Elizabeth Chatman  
Tobias Montagna-Hay  
Ruslan Sibgatullin  
Mario Arias  
Ben Manes  
Stas Volsky  
Darren Davison  
Eric Bruneton  
Eugene Kuleshov  
Jason Zaugg  
Remi Forax  
Chris Nokleberg  
Qimiao Chen  
Oleg Zhurakousky  
Brian Clozel  
Mark Paluch  
Yanming Zhou  
David Haraburda  
Philippe Marschall  
Ales Justin  
Marius Bogoevici  
Mark Pollack  
Rob Winch  
Erwin Vervaet  
Craig Andrews  
Hyunjin Choi  
Dimitrios Liapis  
Ben Hale  
Gunnar Hillert  
Stephane Maldini  
Mattias Severson  
Luke Taylor  
Satyapal Reddy  
Oliver Becker  
Giovanni Dall'Oglio Risso  
Ivo Smid  
Clark Duplichien  
Nicolas Fabre  
Kiril Nugmanov  
Subhobrata Dey  
Jens Schauder  
Chris Baldwin  
Nicolas Debeissat  
Jonathan Bregler  
James Strachan  
Joris Kuipers  
Vedran Pavic  
Eric Crampton  
Michail Nikolaev  
Anatoliy Korovin  
Frank Scheffler  
Tadaya Tsuyukubo  
Dmitry Semukhin  
Lukas Krecan  
Bram Smeets  
Craig Walls  
Eric Deandrea  
Kamill Sokol  
the Spring TestContext Framework  
Greg Turnquist  
Thomas Bruyelle  
Keesun Baik  
Thierry Templier

Josh Long  
Jakub Narloch  
Oleg Kalnichevski  
Luciano Leggieri  
Roy Clarkson  
Eddu Melendez  
Alex Antonov  
Violeta Georgieva  
Marek Hawrylczak  
Scott Andrews  
Russell Allen  
Simon Galperin  
Jon Schneider  
Markus Malkusch  
Ben Alex  
Trevor D. Cook  
Martin Kersten  
Marten Deinum  
Agim Emruli  
Jeremy Grelle  
Sivaprasad Valluru  
David Syer  
Sergey Galkin  
Nicolas Le Bas  
Bob Lee

**Embedded Copyright: stax-ex 1.8.1**

Apache Maven  
Kohsuke Kawaguchi  
Martin Grebac  
John Mani  
Bill Shannon  
Martin Grebac  
shih-chang.chen@oracle.com  
Paul Sandoz  
Jitendra Kotamraju  
Santiago.PericasGeertsen@sun.com  
Ryan Shoemaker

# Notices for Eclipse Implementation of JAXB

This content is produced and maintained by the Eclipse Implementation of JAXB project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.jaxb-impl>

## Trademarks

Eclipse Implementation of JAXB is a trademark of the Eclipse Foundation.

## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <http://www.eclipse.org/org/documents/edl-v10.php>.

SPDX-License-Identifier: BSD-3-Clause

## Source Code

Copyright (c) 2021 Software AG, Darmstadt, Germany

## Third Party License(s) of Terracotta (TDB) Version 10.11

The project maintains the following source code repositories:

- \* <https://github.com/eclipse-ee4j/jaxb-ri>
- \* <https://github.com/eclipse-ee4j/jaxb-istack-commons>
- \* <https://github.com/eclipse-ee4j/jaxb-dtd-parser>
- \* <https://github.com/eclipse-ee4j/jaxb-fi>
- \* <https://github.com/eclipse-ee4j/jaxb-stax-ex>
- \* <https://github.com/eclipse-ee4j/jax-rpc-ri>

### ## Third-party Content

This project leverages the following third party content.

Apache Ant (1.10.2)

- \* License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

Apache Ant (1.10.2)

- \* License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

Apache Felix (1.2.0)

- \* License: Apache License, 2.0

args4j (2.33)

- \* License: MIT License

dom4j (1.6.1)

- \* License: Custom license based on Apache 1.1

file-management (3.0.0)

- \* License: Apache-2.0
- \* Project: <https://maven.apache.org/shared/file-management/>
- \* Source: <https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/>

JUnit (4.12)

- \* License: Eclipse Public License

JUnit (4.12)

- \* License: Eclipse Public License

maven-compat (3.5.2)

- \* License: Apache-2.0
- \* Project: <https://maven.apache.org/ref/3.5.2/maven-compat/>
- \* Source: <https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2>

maven-core (3.5.2)

- \* License: Apache-2.0
- \* Project: <https://maven.apache.org/ref/3.5.2/maven-core/index.html>
- \* Source: <https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2>

maven-plugin-annotations (3.5)

## Third Party License(s) of Terracotta (TDB) Version 10.11

\* License: Apache-2.0

\* Project: <https://maven.apache.org/plugin-tools/maven-plugin-annotations/>

\* Source:

<https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations>

maven-plugin-api (3.5.2)

\* License: Apache-2.0

maven-resolver-api (1.1.1)

\* License: Apache-2.0

maven-resolver-api (1.1.1)

\* License: Apache-2.0

maven-resolver-connector-basic (1.1.1)

\* License: Apache-2.0

maven-resolver-impl (1.1.1)

\* License: Apache-2.0

maven-resolver-spi (1.1.1)

\* License: Apache-2.0

maven-resolver-transport-file (1.1.1)

\* License: Apache-2.0

\* Project: <https://maven.apache.org/resolver/maven-resolver-transport-file/>

\* Source:

<https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file>

maven-resolver-util (1.1.1)

\* License: Apache-2.0

maven-settings (3.5.2)

\* License: Apache-2.0

\* Source:

<https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2>

OSGi Service Platform Core Companion Code (6.0)

\* License: Apache License, 2.0

plexus-archiver (3.5)

\* License: Apache-2.0

\* Project: <https://codehaus-plexus.github.io/plexus-archiver/>

\* Source: <https://github.com/codehaus-plexus/plexus-archiver>

plexus-io (3.0.0)

\* License: Apache-2.0

plexus-utils (3.1.0)

\* License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana University Extreme! Lab Software License V1.1.1 (Apache 1.1 style)

Copyright (c) 2021 Software AG, Darmstadt, Germany



relaxng-datatype (1.0)

\* License: New BSD license

Sax (0.2)

\* License: SAX-PD

\* Project: <http://www.megginson.com/downloads/SAX/>

\* Source: [http://sourceforge.net/project/showfiles.php?group\\_id=29449](http://sourceforge.net/project/showfiles.php?group_id=29449)

testng (6.14.2)

\* License: Apache-2.0 AND (MIT OR GPL-1.0+)

\* Project: <https://testng.org/doc/index.html>

\* Source: <https://github.com/cbeust/testng>

wagon-http-lightweight (3.0.0)

\* License: Pending

\* Project: <https://maven.apache.org/wagon/>

\* Source:

<https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0>

xz for java (1.8)

\* License: LicenseRef-Public-Domain

## ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

### **Embedded Copyright: tomcat-embed-el 9.0.48**

Jacob Hookom [jacob@hookom.net](mailto:jacob@hookom.net)

Jacob Hookom

### **Embedded Copyright: undertow-core 2.2.5.Final**

Stuart Douglas

[mailtodarran.lofthouse@jboss.com](mailto:mailtodarran.lofthouse@jboss.com) Darran Lofthouse

Emanuel Muckenhuber

[mailtonmaurer@redhat.com](mailto:mailtonmaurer@redhat.com) Norman Maurer

[mailtodavid.lloyd@redhat.com](mailto:mailtodavid.lloyd@redhat.com) David M. Lloyd

Jason T. Greene

Lucas Ponce

Radoslav Husar

Mike Brock

Brad Wood

Marek Marusic [mmarusic@redhat.com](mailto:mmarusic@redhat.com)

Paul Ferraro

[mailtoropalka@redhat.com](mailto:mailtoropalka@redhat.com) Richard Opalka

Carter Kozak

Stuart Douglas Paul Ferraro

ckozak Stuart Douglas

Apache Maven

Filipe Ferraz

Stuart Douglas Flavia Rainone

[mailtosguilhen@redhat.com](mailto:mailtosguilhen@redhat.com) Stefan Guilhen

Stuart Douglas Andre Dietisheim

Emanuel Muckenhuber Radoslav Husar

Sebastian Laskawiec

## Third Party License(s) of Terracotta (TDB) Version 10.11

Doug Lea  
Martin Buchholz  
Jason T. Grene  
Flavia Rainone  
Andre Dietisheim  
Doug Lea and Martin Buchholz  
Doug Lea  
Martin Buchholz  
Jason T. Grene  
mailtotomaz.cerar@redhat.com Tomaz Cerar  
mailtodarran.lofthouse@jboss.com Darran Lofthouse  
Stuart Douglas  
mailtodavid.lloyd@redhat.com David M. Lloyd  
Stuart Douglas  
mailtodavid.lloyd@redhat.com David M. Lloyd  
Jason T. Greene  
Stuart Douglas  
Stuart Douglas Emanuel Muckenhuber  
mailto:nbenothm@redhat.com Nabil Benothman  
Emanuel Muckenhuber  
Stuart Douglas  
Andre Schaefer  
mailto:nmaurer@redhat.com Norman Maurer  
Stuart Douglas  
Mike Brock  
Stuart Douglas  
Ulrich Herberg  
Kevin Kelley  
kelley@ruralnet.net  
Thomas Peuss  
jboss@peuss.de  
Andre Schaefer  
Robert Harder  
rob@iharder.net

### **Embedded Copyright: undertow-core 2.2.8.Final**

Stuart Douglas  
Emanuel Muckenhuber  
Jason T. Greene  
Radoslav Husar  
Paul Ferraro  
Mike Brock  
Lucas Ponce  
Brad Wood  
Apache Maven  
Flavia Rainone  
Andre Dietisheim  
Carter Kozak  
Doug Lea and Martin Buchholz  
Doug Lea  
Martin Buchholz  
Jason T. Grene  
Filipe Ferraz  
Sebastian Laskawiec  
Ulrich Herberg  
Kevin Kelley  
kelley@ruralnet.net  
Thomas Peuss  
jboss@peuss.de  
Marek Marusic  
mmarusic@redhat.com  
Andre Schaefer  
Robert Harder  
rob@iharder.net

### **Embedded Copyright: undertow-servlet 2.2.8**

Stuart Douglas  
Remy Maucherat  
Apache Maven  
Tomaz Cerar  
Paul Ferraro  
Lin Gao  
Brad Wood

### **Embedded Copyright: undertow-websockets-jsr 2.2.8.Final**

Stuart Douglas  
Apache Maven

### **Embedded Copyright: wildfly-client-config 1.0.1.Final**

Apache Maven

**Embedded Copyright: wildfly-common 1.5.2.Final**

Apache Maven

Jason T. Greene

Paul Ferraro

**Embedded Copyright: woodstox-core 6.1.1**

Authors:

Dan Diephouse

Benson Margulies

**Embedded Copyright: xercesImpl 2.12.1**

This product includes software developed at

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

Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., <http://www.ibm.com>.

- software copyright (c) 1999, Sun Microsystems., <http://www.sun.com>.

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

This product includes/uses the PsychoPath XPath 2.0 Processor (org.eclipse.wst.xml.xpath2.processor\_1.2.0.jar) developed at The Eclipse Foundation (<http://www.eclipse.org>) and made available under the Eclipse Public License v1.0.

This product includes/uses the CUP Parser Generator (cupv10k-runtime.jar) maintained at (<http://www2.cs.tum.edu/projects/cup/>) Copyright 1996-1999 by Scott Hudson, Frank Flannery, C. Scott Ananian

Copyright (c) 2000 - 2001, 2004 World Wide Web Consortium, <http://www.w3.org>

Copyright (c) 1999, 2001 - 2002 Sun Microsystems., <http://www.sun.com>.

Copyright (c) 1999, 2003 IBM Corporation., <http://www.ibm.com>. All Rights Reserved.

Copyright (c) 1999 - 2002 , Lotus Development Corporation.

**Embedded Copyright: xml-apis 1.4.01**

Copyright (c) 1999, IBM Corporation., <http://www.ibm.com>.

Copyright (c) 1999, Sun Microsystems., <http://www.sun.com>.

Copyright (c) 2000 World Wide Web Consortium, <http://www.w3.org>

**Embedded Copyright: xnio-api 3.8.0.Final**

Stuart Douglas

Apache Maven

Flavia Rainone

Tomaz Cerar

**Embedded Copyright: xnio-nio 3.8.0.Final**

Apache Maven

Stuart Douglas

END OF LEGAL NOTICES