

## Hitachi Command Suite V. 8.7.1 Open Source Software Packages

Contact Information:  
Hitachi Command Suite  
Project Manager  
Hitachi Vantara Corporation  
2535 Augustine Drive  
Santa Clara, California 95054

Name of Product/Product Component	Version	License
ANTLR	2.7.2	<u>ANTLR 2 License</u>
ANTLR	2.7.6	<u>ANTLR 2 License</u>
AOP Alliance	1.0	<u>Public Domain or Free License without conditions</u>
ASM	1.5.3	<u>BSD 3-Clause "New" or "Revised" License</u>
ASM	3.3.1	<u>BSD 3-Clause "New" or "Revised" License</u>
ASM*	3.3.1 (modified)	<u>BSD 3-Clause "New" or "Revised" License</u>
AngularJS	1.3.0	<u>The MIT License</u>
Apache Axiom	1.2.13	<u>Apache License, Version 2.0</u>
Apache Axis2	1.6.2	<u>Apache License, Version 2.0</u>
Apache BSF	2.3.0	<u>Apache Jakarta BSF License</u>
Apache Commons BCEL	5.1	<u>Apache BCEL License</u>
Apache Commons CLI	1.1	<u>Apache License, Version 2.0</u>

Name of Product/Product Component	Version	License
Apache Commons Codec	1.11	<u>Apache License, Version 2.0</u>
Apache Commons Codec	1.3	<u>Apache License, Version 2.0</u>
Apache Commons Collections	2.1	<u>Apache Jakarta Commons License</u>
Apache Commons Collections	3.2.2	<u>Apache License, Version 2.0</u>
Apache Commons Digester	1.5	<u>Apache Jakarta Commons License</u>
Apache Commons Digester	1.8	<u>Apache License, Version 2.0</u>
Apache Commons XMLSchema	1.4.7	<u>Apache License, Version 2.0</u>
Apache FOP	1.0	<u>Apache License, Version 2.0</u>
Apache HTTP Server*	2.0.59 (modified)	<u>Apache License, Version 2.0</u> <u>ISC License</u> <u>PCRE LICENCE (PCRE 4.5 and earlier)</u> <u>The License by "Bell Communications Research, Inc. (Bellcore)"</u> <u>The License by "Carnegie Mellon University"</u> <u>The License of "RSA Data Security, Inc. MD5 Message-Digest Algorithm"</u> <u>The License of "University of California"</u>
Apache HTTP Server*	2.4.6 (modified)	<u>Apache License, Version 2.0</u> <u>The License by "Bell Communications Research, Inc. (Bellcore)"</u> <u>The License by "Carnegie Mellon University"</u> <u>The License of "RSA Data Security, Inc. MD5 Message-Digest Algorithm"</u>
Apache HttpComponents	4.0	<u>Apache License, Version 2.0</u>

Name of Product/Product Component	Version	License
Apache MINA Core API	2.0.19	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: CLI	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: Common support utilities	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: Contributions	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: Core	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: Git	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: LDAP	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: Mina	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: Netty	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: OSGi	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: OpenPGP key files support utilities	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: Putty key files support utilities	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: SCP	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: SFTP	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>
Apache Mina SSHD :: Spring integration SFTP adapter	2.2.0	<a href="#"><u>Apache License, Version 2.0</u></a>

Name of Product/Product Component	Version	License
Apache Neethi	3.0.2	<u>Apache License, Version 2.0</u>
Apache Portable Runtime*	1.4.8 (modified)	<u>Apache License, Version 2.0</u> <u>ISC License</u> <u>The License by "Caldera International Inc."</u> <u>The License of "University of California"</u> <u>zlib/libpng license</u>
Apache Portable Runtime*	1.5.2 (modified)	<u>Apache License, Version 2.0</u> <u>The License of "RSA Data Security, Inc. MD5 Message-Digest Algorithm"</u>
Apache Tomcat	5.5.23	<u>Apache License, Version 2.0</u>
Apache Xalan*	2.7.0 (modified)	<u>Apache License, Version 2.0</u>
Apache Xerces	2.7.1	<u>Apache License, Version 2.0</u>
Apache Xerces	2.8.1	<u>Apache License, Version 2.0</u>
Apache Xerces*	2.7.1 (modified)	<u>Apache License, Version 2.0</u> <u>W3C Software Notice and License (became active on December 31 2002)</u>
Apache log4j	1.2.14	<u>Apache License, Version 2.0</u>
Apache log4j	1.2.16	<u>Apache License, Version 2.0</u>
Apache log4j	1.2.3	<u>Apache log4j License</u>
Apache-SSL*	1.3.19+ssl_ 1.42 (modified)	<u>Apache-SSL License</u>
Axis	1.2RC2	<u>Apache License, Version 2.0</u>

Name of Product/Product Component	Version	License
Axis*	1.2RC2 (modified)	<u>Apache Axis License</u> <u>Apache Jakarta Commons License</u> <u>Apache License, Version 2.0</u>
BlazeDS	4.7.3	<u>Apache License, Version 2.0</u>
Bouncy Castle	1.60	<u>Apache Software License, Version 1.1</u> <u>The MIT License</u>
CAL10N*	0.7.2 (modified)	<u>The MIT License</u>
CUP Parser generator	0.10k	<u>CUP Parser Generator Copyright Notice, License, and Disclaimer</u>
Commons BeanUtils	1.6	<u>Apache Jakarta Commons License</u>
Commons BeanUtils	1.7.0	<u>Apache License, Version 2.0</u>
Commons BeanUtils	1.8.0	<u>Apache License, Version 2.0</u>
Commons Chain	1.2	<u>Apache License, Version 2.0</u>
Commons DBCP	1.2.2	<u>Apache License, Version 2.0</u>
Commons Discovery	0.2	<u>Apache Jakarta Commons License</u>
Commons FileUpload	1.1.1	<u>Apache License, Version 2.0</u>
Commons FileUpload	1.3.2	<u>Apache License, Version 2.0</u>
Commons FileUpload	1.3.3	<u>Apache License, Version 2.0</u>
Commons FileUpload*	1.2.2 (modified)	<u>Apache License, Version 2.0</u>

Name of Product/Product Component	Version	License
Commons HttpClient	3.0.1	<u>Apache License, Version 2.0</u>
Commons HttpClient	3.1	<u>Apache License, Version 2.0</u>
Commons IO	1.1	<u>Apache License, Version 2.0</u>
Commons IO	1.2	<u>Apache License, Version 2.0</u>
Commons IO	1.4	<u>Apache License, Version 2.0</u>
Commons IO	2.6	<u>Apache License, Version 2.0</u>
Commons IO*	2.0.1 (modified)	<u>Apache License, Version 2.0</u>
Commons Lang	1.0.1	<u>Apache Jakarta Commons License</u>
Commons Lang	2.4	<u>Apache License, Version 2.0</u>
Commons Pool	1.5.2	<u>Apache License, Version 2.0</u>
Commons Pool	1.5.7	<u>Apache License, Version 2.0</u>
Commons Validator	1.3.1	<u>Apache License, Version 2.0</u>
Dialect class for HiRDB	02-00	<u>GNU Lesser General Public License Version 2.1</u>
FD-Linux	8.6.2	<u>GNU General Public License Version 2</u>
Fabrication	0.6	<u>Apache License, Version 2.0</u>

Name of Product/Product Component	Version	License
Ganymed SSH-2 for Java	2006-10-06: build 210	<u>BSD 3-Clause "New" or "Revised" License</u> <u>The MIT License</u>
Globalize	0.1.1	<u>The MIT License</u>
Google Guava	r06	<u>Apache License, Version 2.0</u>
Google Guava*	r06 (modified)	<u>Apache License, Version 2.0</u>
HK2	2.4.0	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u> or <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Oracle</u>
Hibernate Validator Engine	4.2.0.Final	<u>Apache License, Version 2.0</u>
Hibernate Validator Engine*	4.2.0.Final (modified)	<u>Apache License, Version 2.0</u>
IPA Fonts	003.03	<u>IPA Font License Agreement v1.0</u>
J WBEM Server	3.9.3	<u>BSD 3-Clause "New" or "Revised" License</u> <u>Sun Industry Standards Source License - Version 1.2</u>
JAX-RS	1.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.0</u>
JAX-WS RI	2.1.10	<u>Apache Ant License</u> <u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u> <u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.0</u> <u>governed by the laws of the State of California</u> <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL</u> <u>VERSION 2 by Sun Microsystems</u> <u>The CyberNeko Software License, Version 1.0</u>

Name of Product/Product Component	Version	License
		<u>The License of "RelaxNGCC"</u> <u>The MIT License</u>
JAXB RI*	2.2.3 u1 (modified)	<u>BSD 3-Clause "New" or "Revised" License</u> <u>The License by "Sun Microsystems for Java"</u> <u>(BSD-3-clause style)</u> <u>The License of "RelaxNGCC"</u> <u>The MIT License</u>
JBoss EJB 3.1 Common Interceptor Library API*	2.0.0.CR1 (modified)	<u>Apache License, Version 2.0</u>
JBoss EJB 3.1 Common Interceptor Library Implementation*	2.0.0.CR1 (modified)	<u>Apache License, Version 2.0</u>
JCIFS	1.3.17	<u>GNU Lesser General Public License Version 2.1</u>
JCL-over-SLF4J	1.7.25	<u>The MIT License</u>
JDOM	1.0	<u>JDOM License (license.txt v1.11 and later)</u>
JDOM	beta8	<u>JDOM License (license.txt v1.1 and earlier)</u>
JFreeChart	1.0.19	<u>GNU Lesser General Public License Version 2.1</u>
JFreeChart wrapper for PFM - Web Console	0001-#01	<u>GNU Lesser General Public License Version 2.1</u>
JGit	5.2.1.20181 2262042-r	<u>BSD 3-Clause "New" or "Revised" License</u> <u>The MIT License</u>
JSONIC	1.2	<u>Apache License, Version 2.0</u>
JSONIC	1.2.0	<u>Apache License, Version 2.0</u>
JSTL	1.0.2	<u>Apache Software License, Version 1.1</u>



Name of Product/Product Component	Version	License
JSTL	1.0.6	<u>Apache License, Version 2.0</u>
JSTL	1.1.2	<u>Apache License, Version 2.0</u>
JSTL Implementation*	1.2 (modified)	<u>Apache License, Version 2.0</u>
JSch	0.1.55	<u>The License of "JSch"</u>
JType*	0.1.0 (modified)	<u>Apache License, Version 2.0</u>
Jackson	1.7.6	<u>Apache License, Version 2.0</u>
Jackson	1.9.2	<u>Apache License, Version 2.0</u>
Jackson*	1.7.6 (modified)	<u>Apache License, Version 2.0</u>
Jakarta Regexp	1.2	<u>Apache Jakarta Regexp License</u>
Jakarta Taglibs	1.0.1	<u>Apache Tomcat License</u>
Jakarta Taglibs	1.0.6	<u>Apache License, Version 2.0</u>
Java Pretty Good Privacy Jig	0.5	<u>The MIT License</u>
Java SE Implementation*	5(02_feb_2010) (modified)	<u>Apache BCEL License</u> <u>Apache Crimson License</u> <u>Apache License, Version 2.0</u> <u>Apache Turbine License</u> <u>Apache Xerces License</u> <u>BSD 2-Clause "Simplified" or "FreeBSD" License</u> <u>BSD 3-Clause "New" or "Revised" License</u> <u>CUP Parser Generator Copyright Notice, License, and Disclaimer</u>

Name of Product/Product Component	Version	License
		<p><u>GNU Library General Public License Version 2</u>  <u>IAIK PKCS#11 Wrapper License</u>  <u>ICU License (ICU 1.8.1 and later)</u>  <u>SGI FREE SOFTWARE LICENSE B (Version 1.1 [02/22/2000])</u>  <u>The License of "SAX"</u>  <u>The License of "ipadic"</u>  <u>The MIT License</u>  <u>UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE</u>  <u>W3C DOCUMENT NOTICE AND LICENSE (became active on April 05 1999)</u>  <u>W3C SOFTWARE NOTICE AND LICENSE (became active on August 14 1998)</u>  <u>W3C Software Notice and License (became active on December 31 2002)</u>  <u>zlib/libpng license</u></p>
Java SE Implementation*	7(26_aug_2013) (modified)	<p><u>Apache License, Version 2.0</u>  <u>BSD 2-Clause "Simplified" or "FreeBSD" License</u>  <u>BSD 3-Clause "New" or "Revised" License</u>  <u>Bigelow &amp; Holmes Inc and URW++ GmbH</u>  <u>Luxi font license</u>  <u>Bitstream Vera Fonts Copyright</u>  <u>CID FONT CODE PUBLIC LICENSE (Version 1.0 (3/31/99))</u>  <u>CUP Parser Generator Copyright Notice, License, and Disclaimer</u>  <u>GLX PUBLIC LICENSE (Version 1.0 (2/11/99))</u>  <u>IAIK PKCS#11 Wrapper License</u>  <u>ICU License (ICU 1.8.1 and later)</u>  <u>IJG License</u>  <u>The License by "FundsXpress, INC."</u>  <u>The License by "Khronos Group Inc."</u>  <u>The License by "NVIDIA Corp"</u>  <u>The License by "Todd C. Miller"</u>  <u>The License of "FontConfig"</u>  <u>The License of "MUSCLE PC/SC Lite"</u>  <u>The License of "RelaxNGCC"</u>  <u>The License of "SAX"</u></p>

Name of Product/Product Component	Version	License
		<p><u>The License of "SoftFloat Release 2b Source Documentation"</u>  <u>The MIT License</u>  <u>UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE</u>  <u>Unicode Terms of Use</u>  <u>W3C Software Notice and License (became active on December 31 2002)</u>  <u>XFree86 1.0 License</u>  <u>XFree86 1.1 License</u>  <u>libpng license (libpng-1.2.6 and later)</u>  <u>zlib/libpng license</u></p>
Java SE Implementation*	8(15_oct_2019) (modified)	<p><u>AMSFonTS (v. 2.2) copyright</u>  <u>Apache BCEL License</u>  <u>Apache License, Version 2.0</u>  <u>Arev Fonts Copyright</u>  <u>BSD 2-Clause "Simplified" or "FreeBSD" License</u>  <u>BSD 3-Clause "New" or "Revised" License</u>  <u>Bitstream Vera Fonts Copyright</u>  <u>CUP Parser Generator Copyright Notice, License, and Disclaimer</u>  <u>Copyright The Open Group</u>  <u>IAIK PKCS#11 Wrapper License</u>  <u>IJG License</u>  <u>ISC License</u>  <u>PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)</u>  <u>PNG Reference Library License version 2</u>  <u>Public Domain or Free License without conditions</u>  <u>The License by "Digital Equipment Corporation, Maynard, Massachusetts" included in "HPkeySYM.h"</u>  <u>The License by "Khronos Group Inc."</u>  <u>The License of "MUSCLE PC/SC Lite"</u>  <u>The License of "RSA Security Inc. PKCS #11 Cryptographic Token Interface (Cryptoki)"</u>  <u>The License of "RelaxNGCC"</u>  <u>The License of "Xorg X11"</u>  <u>The MIT License</u></p>

Name of Product/Product Component	Version	License
		<p><u>UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE</u>  <u>UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE (since 2016)</u>  <u>W3C Software Notice and License (became active on December 31 2002)</u>  <u>freebxml License, Version 1.1</u>  <u>zlib/libpng license</u></p>
Java SE Implementation*	8(16_jan_2018) (modified)	<p><u>Apache License, Version 2.0</u>  <u>BSD 2-Clause "Simplified" or "FreeBSD" License</u>  <u>BSD 3-Clause "New" or "Revised" License</u>  <u>CUP Parser Generator Copyright Notice, License, and Disclaimer</u>  <u>Copyright The Open Group</u>  <u>IAIK PKCS#11 Wrapper License</u>  <u>ICU License (ICU 1.8.1 and later)</u>  <u>IJG License</u>  <u>Public Domain or Free License without conditions</u>  <u>The License by "Digital Equipment Corporation, Maynard, Massachusetts"</u>  <u>The License by "Digital Equipment Corporation, Maynard, Massachusetts" included in "HPkeysym.h"</u>  <u>The License by "Ecma International"</u>  <u>The License by "FundsXpress, INC."</u>  <u>The License by "Khronos Group Inc."</u>  <u>The License of "FontConfig"</u>  <u>The License of "MUSCLE PC/SC Lite"</u>  <u>The License of "RelaxNGCC"</u>  <u>The License of "SoftFloat Release 2b Source Documentation"</u>  <u>The MIT License</u>  <u>Unicode Terms of Use</u>  <u>W3C Software Notice and License (became active on December 31 2002)</u>  <u>XFree86 1.0 License</u>  <u>XFree86 1.1 License</u>  <u>freebxml License, Version 1.1</u>  <u>libpng license (libpng-1.2.6 and later)</u>  <u>zlib/libpng license</u></p>

Name of Product/Product Component	Version	License
Java Servlet API	2.4	<u>Apache License, Version 2.0</u>
JavaEE Implementation	5.0	<u>ANTLR 2 License</u> <u>Apache JServ Public License</u> <u>BSD 3-Clause "New" or "Revised" License</u> <u>The CyberNeko Software License, Version 1.0</u> <u>The License of "RelaxNGCC"</u> <u>The MIT License</u>
JavaEE 6 *	3.0.1-b22-src-update,3.1-b43 (modified)	<u>BSD 3-Clause "New" or "Revised" License</u> <u>The MIT License</u>
JavaEWAH	1.1.6	<u>Apache License, Version 2.0</u>
JavaServer Faces	1_1_01-fcs-bin-b03-27_aug_2004	<u>Apache Commons License (modified Section 4)</u> <u>Mozilla Public License Version 1.1</u> <u>The CyberNeko Software License, Version 1.0</u> <u>The License by "Gargoyle Software Inc."</u>
Javassist	3.14.0-GA	<u>Mozilla Public License Version 1.1</u>
Javassist	3.20.0-GA	<u>Apache License, Version 2.0</u> <u>GNU Lesser General Public License Version 2.1</u> <u>Mozilla Public License Version 1.1</u>
Javassist*	3.14.0-GA (modified)	<u>Mozilla Public License Version 1.1</u>
Jaxen	1.1.6	<u>BSD 3-Clause "New" or "Revised" License</u>
Jersey	1.17	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u> <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Oracle</u>

Name of Product/Product Component	Version	License
Jersey	1.2	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.0</u> governed by the laws of the State of California <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Sun Microsystems</u>
Jettison*	1.3 (modified)	<u>Apache License, Version 2.0</u>
Linux Command	8.6.2	<u>GNU General Public License Version 2</u>
Net-SNMP	5.4.2.1	<u>BSD 3-Clause "New" or "Revised" License</u> <u>CMU/UCD copyright notice</u> <u>Cambridge Broadband Ltd. copyright notice</u> <u>Fabasoft R&amp;D Software GmbH &amp; Co KG copyright notice</u>
Netty Project	4.1.32.Final	<u>Apache License, Version 2.0</u>
OSWorkflow	2.8.0	<u>OpenSymphony Software License, Version 1.1</u>
OpenJDK 7 (Elliptic Curve Cryptography library)	20130606	<u>GNU Lesser General Public License Version 2.1</u>
OpenJDK 8 (Elliptic Curve Cryptography library)	170718	<u>GNU Lesser General Public License Version 2.1</u>
OpenSSL	1.0.2n	<u>OpenSSL License</u> <u>Original SSLeay License</u> <u>The License of "Blowfish implementation written by Eric Young"</u> <u>The License of "DES implementation written by Eric Young"</u>
OpenSSL	1.0.2o	<u>OpenSSL License</u> <u>Original SSLeay License</u> <u>The License of "Blowfish implementation written by Eric Young"</u> <u>The License of "DES implementation written by Eric Young"</u>

Name of Product/Product Component	Version	License
OpenSSL	1.1.1d	<u>OpenSSL License</u> <u>Original SSLeay License</u>
Oracle Linux	7.6	<u>ORACLE LINUX LICENSE AGREEMENT</u>
Perl Compatible Regular Expressions*	8.30 (modified)	<u>BSD 3-Clause "New" or "Revised" License</u>
Perl Compatible Regular Expressions*	8.33 (modified)	<u>BSD 3-Clause "New" or "Revised" License</u>
PureMVC AS3 MultiCore Framework	1.0.5	<u>Creative Commons Attribution 3.0 United States</u>
PureMVC AS3 Standard Framework	2.0.4	<u>Creative Commons Attribution 3.0 United States</u>
PureMVC AS3/MultiCore Utility - Pipes	1.1	<u>Creative Commons Attribution 3.0 United States</u>
Quartz	1.6.5	<u>Apache License, Version 2.0</u>
Quartz	1.6.6	<u>Apache License, Version 2.0</u>
RFC1321	April 1992	<u>The License by "RSA Data Security, Inc."</u> <u>The License of "RSA Data Security, Inc. MD5 Message-Digest Algorithm"</u>
SJSXP*	1.0.1 (modified)	<u>Apache Software License, Version 1.1</u>
SLF4J	1.5.10	<u>The MIT License</u>
SLF4J*	1.5.10 (modified)	<u>The MIT License</u>
SNMP4J	1.11.2	<u>Apache License, Version 2.0</u>
SNMP4J	1.11.5	<u>Apache License, Version 2.0</u>

Name of Product/Product Component	Version	License
SWFObject	2.2	<u>The MIT License</u>
Spring Framework	5.1.4.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
Spring Integration	5.1.1	<u>Apache License, Version 2.0</u>
Spring Integration	5.1.2.RELEASE	<u>Apache License, Version 2.0</u>
Struts	1.3.10	<u>Apache License, Version 2.0</u>
Struts	1.3.10a	<u>Apache License, Version 2.0</u>
The Jakarta ORO	2.0.7	<u>Apache Jakarta ORO License</u>
The Jakarta ORO	2.0.8	<u>Apache Jakarta ORO License</u>
The KAME project*	1.3.19-v6-20010309a (modified)	<u>BSD 3-Clause "New" or "Revised" License</u>
The Kiwi Toolkit	1.3.3	<u>GNU Library General Public License Version 2</u>
Tomcat Implementation*	4.0.2,5.0.29,7.0.19 (modified)	<u>Apache JServ Public License</u> <u>Apache Tomcat License</u>
UI Grid	2.0.13	<u>The MIT License</u>
Underscore.js	1.7.0	<u>The MIT License</u>
WSDL4J	1.5.1	<u>Common Public License Version 1.0</u>
Weld*	1.1.2.Final (modified)	<u>Apache License, Version 2.0</u>



Name of Product/Product Component	Version	License
XML Commons External Components	1.3.02	<u>Apache License, Version 2.0</u> <u>Public Domain or Free License without conditions</u> <u>W3C Document License (became active on December 31 2002)</u> <u>W3C Software Notice and License (became active on December 31 2002)</u>
angular translate	2.2.0	<u>The MIT License</u>
angular-file-upload	1.6.12	<u>The MIT License</u>
antlr:antlr	2.7.7	<u>BSD 3-Clause "New" or "Revised" License</u>
apache-sshd	2.2.0	<u>Apache License, Version 2.0</u>
backport-util-concurrent	2.2	<u>Creative Commons Copyright-Only Dedication (based on United States law) or Public Domain Certification</u>
c3p0	0.9.1	<u>GNU Lesser General Public License Version 2.1</u>
c3p0	0.9.1.2	<u>GNU Lesser General Public License Version 2.1</u>
c3p0	0.9.5.2	<u>Eclipse Public License 1.0 or GNU Lesser General Public License Version 2.1</u>
cglib	2.1_3	<u>Apache License, Version 2.0</u>
com.fasterxml.jackson.core:jackson-annotations	2.9.8	<u>Apache License, Version 2.0</u>
com.fasterxml.jackson.core:jackson-core	2.9.8	<u>Apache License, Version 2.0</u>
com.fasterxml.jackson.core:jackson-databind	2.9.8	<u>Apache License, Version 2.0</u>

Name of Product/Product Component	Version	License
com.fasterxml.jackson.jaxrs:jackson-jaxrs-base	2.9.8	<u>Apache License, Version 2.0</u>
com.fasterxml.jackson.jaxrs:jackson-jaxrs-json-provider	2.9.8	<u>Apache License, Version 2.0</u>
com.fasterxml.jackson.module:jackson-module-jaxb-annotations	2.9.8	<u>Apache License, Version 2.0</u>
com.fasterxml:classmate	1.3.0	<u>Apache License, Version 2.0</u>
com.fasterxml:classmate	1.3.1	<u>Apache License, Version 2.0</u>
commons-beanutils:commons-beanutils	1.9.3	<u>Apache License, Version 2.0</u>
commons-logging	1.0.3	<u>Apache Jakarta Commons License</u>
commons-logging	1.0.4	<u>Apache License, Version 2.0</u>
commons-logging	1.2	<u>Apache License, Version 2.0</u>
commons-logging:commons-logging	1.2	<u>Apache License, Version 2.0</u>
dom4j	1.6.1	<u>DOM4J License</u>
ed25519-java	0.3.0	<u>Creative Commons CC0 1.0 Universal</u>
ehcache	1.2.3	<u>Apache License, Version 2.0</u>
io.netty:netty-buffer	4.1.32.Final	<u>Apache License, Version 2.0</u>
io.netty:netty-codec	4.1.32.Final	<u>Apache License, Version 2.0</u>

Name of Product/Product Component	Version	License
io.netty:netty-common	4.1.32.Final	<u>Apache License, Version 2.0</u>
io.netty:netty-handler	4.1.32.Final	<u>Apache License, Version 2.0</u>
jQuery	2.1.1	<u>The MIT License</u>
jQuery UI	1.11.1	<u>The MIT License</u>
javax.annotation:javax.annotation-api	1.3.2	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.0 governed by the laws of the State of California or GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Sun Microsystems</u>
javax.inject:javax.inject	1	<u>Apache License, Version 2.0</u>
javax.validation:validation-api	2.0.1.Final	<u>Apache License, Version 2.0</u>
javax.ws.rs:javax.ws.rs-api	2.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1 or GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Oracle</u>
jparsec	2.0.1	<u>Apache License, Version 2.0</u>
jzlib	1.1.3	<u>The License of "JSch"</u>
mchange-commons-java	0.2.11	<u>Eclipse Public License 1.0 or GNU Lesser General Public License Version 2.1</u>
mod_ssl*	2.8.14-1.3.27 (modified)	<u>The License of "mod_ssl"</u>

Name of Product/Product Component	Version	License
ngTagsInput	2.1.1	<u>The MIT License</u>
org.apache.activemq:activemq-client	5.14.3	<u>Apache License, Version 2.0</u>
org.bouncycastle:bcpkix-jdk15on	1.60	<u>The MIT License</u>
org.bouncycastle:bcprov-jdk15on	1.60	<u>The MIT License</u>
org.fusesource.hawtbuf:hawtbuf	1.11	<u>Apache License, Version 2.0</u>
org.glassfish.hk2.external:aopalliance-repackaged	2.4.0	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1 or GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Oracle</u>
org.glassfish.hk2.external:javax.inject	2.4.0	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1 or GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Oracle</u>
org.glassfish.hk2:osgi-resource-locator	2.4.0	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1 or GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Oracle</u>
org.glassfish.jersey.bundles.repackaged:jersey-guava	2.23.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1 or GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Oracle</u>
org.glassfish.jersey.containers:jersey-container-servlet	2.23.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1 or GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Oracle</u>

Name of Product/Product Component	Version	License
org.glassfish.jersey.containers:jersey-container-servlet-core	2.23.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u> or <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2</u> by Oracle
org.glassfish.jersey.core:jersey-client	2.23.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u> or <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2</u> by Oracle
org.glassfish.jersey.core:jersey-common	2.23.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u> or <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2</u> by Oracle
org.glassfish.jersey.core:jersey-server	2.23.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u> or <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2</u> by Oracle
org.glassfish.jersey.ext:jersey-entity-filtering	2.23.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u> or <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2</u> by Oracle
org.glassfish.jersey.media:jersey-media-jaxb	2.23.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u> or <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2</u> by Oracle
org.glassfish.jersey.media:jersey-media-json-jackson	2.23.1	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u> or <u>GNU General Public License Version 2 with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2</u> by Oracle
org.hibernate.common:hibernate-commons-annotations	5.0.1.Final	<u>GNU Lesser General Public License Version 2.1</u>

Name of Product/Product Component	Version	License
org.hibernate.javax.persistence:hibernate-jpa-2.1-api	1.0.0.Final	<u>BSD 3-Clause "New" or "Revised" License</u> or <u>Eclipse Public License 1.0</u>
org.hibernate:hibernate-c3p0	5.2.10.Final	<u>GNU Lesser General Public License Version 2.1</u>
org.hibernate:hibernate-core	5.2.10.Final	<u>GNU Lesser General Public License Version 2.1</u>
org.javassist:javassist	3.20.0-GA	<u>Apache License, Version 2.0</u> or <u>GNU Lesser General Public License Version 2.1</u> or <u>Mozilla Public License Version 1.1</u>
org.jboss.logging:jboss-logging	3.3.0.Final	<u>Apache License, Version 2.0</u>
org.jboss.spec.javax.transaction:jboss-transaction-api_1.2_spec	1.0.1.Final	<u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.0</u> governed by the laws of the State of California or <u>GNU General Public License Version 2</u> with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Sun Microsystems <u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u> or <u>GNU General Public License Version 2</u> with "CLASSPATH" EXCEPTION TO THE GPL VERSION 2 by Oracle <u>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1</u>
org.jboss:jandex	2.0.3.Final	<u>Apache License, Version 2.0</u>
org.jfree:jcommon	1.0.23	<u>GNU General Public License Version 2</u> <u>GNU Lesser General Public License Version 2.1</u>
org.slf4j:slf4j-api	1.7.25	<u>The MIT License</u>
org.slf4j:slf4j-jdk14	1.7.25	<u>The MIT License</u>

Name of Product/Product Component	Version	License
org.springframework.retry:spring-retry	1.2.2.RELEASE	<u>Apache License, Version 2.0</u>
org.springframework:spring-aop	4.3.20.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-aop	4.3.25.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-aop	5.1.4.RELEASE	<u>Apache License, Version 2.0</u> <u>SD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-beans	4.3.20.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-beans	4.3.25.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-beans	5.1.4.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-context	4.3.20.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-context	4.3.25.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-context	5.1.4.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-core	4.3.20.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-core	4.3.25.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-core	5.1.4.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-expression	4.3.20.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-expression	4.3.25.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>

Name of Product/Product Component	Version	License
org.springframework:spring-expression	5.1.4.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-tx	5.1.4.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-web	4.3.20.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-web	4.3.25.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-webmvc	4.3.20.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
org.springframework:spring-webmvc	4.3.25.RELEASE	<u>Apache License, Version 2.0</u> <u>BSD 3-Clause "New" or "Revised" License</u>
perfect-scrollbar	0.5.2	<u>The MIT License</u>
reactive-streams	1.0.2	<u>Creative Commons CC0 1.0 Universal</u>
util.concurrent	1.3.1	<u>Public Domain or Free License without conditions</u>
util.concurrent	1.3.3	<u>Public Domain or Free License without conditions</u>
util.concurrent	1.3.4	<u>Public Domain or Free License without conditions</u>
xalan:xalan	2.7.2	<u>Apache License, Version 2.0</u>
xercesImpl	2.11.0.SP5	<u>Apache License, Version 2.0</u>
xml-commons	1.1	<u>Apache Software License, Version 1.1</u>
xml-commons	1.3.02	<u>Apache License, Version 2.0</u> <u>Public Domain or Free License without conditions</u>



Name of Product/Product Component	Version	License
		<u>W3C Document License (became active on December 31 2002)</u> <u>W3C Software Notice and License (became active on December 31 2002)</u>

The text of the open source software licenses listed in this document is provided in the Open Source Software License Terms document on [www.hitachivantara.com](http://www.hitachivantara.com). If the open source package has been modified, an asterisk (\*) appears next to the name of the package.

Note that the source code for packages licensed under the GNU General Public License or similar type of license that requires the licensor to make the source code publicly available (“GPL Software”) may be available for download as indicated. If the source code for GPL Software is not included in the software or available for download, please send requests for source code for GPL Software to the contact person listed above for this product.

The material in this document is provided “AS IS,” without warranty of any kind, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement. Unless specified in an applicable open source license, access to this material grants you no right or license, express or implied, statutorily or otherwise, under any patent, trade secret, copyright, or any other intellectual property right of Hitachi Vantara Corporation (“HITACHI”). HITACHI reserves the right to change any material in this document, and any information and products on which this material is based, at any time, without notice. HITACHI shall have no responsibility or liability to any person or entity with respect to any damages, losses, or costs arising from the materials contained herein.