

**HITACHI**

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2535 Augustine Drive Santa Clara, CA 95054 USA

# Foundry

## v2.0.1-49

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Product Manager  
Foundry  
Hitachi Vantara LLC  
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Santa Clara CA 95054

Component	Version	License	Modified
"Java Concurrency in Practice" book annotations	1	Creative Commons Attribution 2.5	
abego TreeLayout Core	1.0.1	BSD 3-clause "New" or "Revised" License	
ActiveMQ Artemis JMS Client All	2.9.0	Apache License 2.0	
Aliyun Message and Notification Service SDK for Java	1.1.8.8	Apache License 2.0	
An open source Java toolkit for Amazon S3	0.9.0	Apache License 2.0	
Annotations for Metrics	3.1.0	Apache License 2.0	
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ANTLR	2.7.7	ANTLR Software Rights Notice	
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ANTLR	4.7.1	MIT License	
ANTLR 4 Tool	4.5.3	BSD 3-clause "New" or "Revised" License	
AOP Alliance (Java/J2EE AOP standard)	1	Public Domain	
Aopalliance Version 1.0 Repackaged As A Module	2.5.0	Eclipse Public License 2.0	
Aopalliance Version 1.0 Repackaged As A Module	2.5.0-b05	Common Development and Distribution License 1.1	
Aopalliance Version 1.0 Repackaged As A Module	2.6.0	Eclipse Public License 2.0	
Apache Atlas Common	1.1.0	Apache License 2.0	
Apache Atlas Integration	1.1.0	Apache License 2.0	
Apache Atlas Typesystem	0.8.4	Apache License 2.0	
Apache Avro	1.7.4	Apache License 2.0	
Apache Avro	1.7.6	Apache License 2.0	
Apache Avro	1.7.6-cdh5.3.3	Apache License 2.0	
Apache Avro	1.7.7	Apache License 2.0	

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Apache Calcite Avatica	1.16.0.7.2.2.0-110	Apache License 2.0	
Apache Calcite Avatica Metrics	1.16.0.7.2.1.0-324	Apache License 2.0	
Apache Commons BeanUtils	1.8.0	Apache License 2.0	
Apache Commons BeanUtils	1.8.3	Apache License 2.0	
Apache Commons BeanUtils	1.9.1	Apache License 2.0	
Apache Commons BeanUtils	1.9.2	Apache License 2.0	
Apache Commons CLI	1.2	Apache License 2.0	
Apache Commons Codec	1.12	Apache License 2.0	
Apache Commons Codec	1.13	Apache License 2.0	
Apache Commons Codec	1.14	Apache License 2.0	
Apache Commons Codec	1.6	Apache License 2.0	
Apache Commons Codec	1.9	Apache License 2.0	
Apache Commons Collections	3.2.1	Apache License 2.0	
Apache Commons Collections	3.2.2	Apache License 2.0	
Apache Commons Collections	4.3	Apache License 2.0	
Apache Commons Collections	62	Apache License 2.0	
Apache Commons Collections	commons-commons-collections-4.4	Apache License 2.0	
Apache Commons Compress	1.18	Apache License 2.0	
Apache Commons Compress	1.18.0.redhat-00001	Apache License 2.0	
Apache Commons Compress	1.2	Apache License 2.0	
Apache Commons Compress	1.4.1	Apache License 2.0	
Apache Commons Configuration	1.1	Apache License 2.0	
Apache Commons Configuration	1.6	Apache License 2.0	
Apache Commons Configuration	1.9	Apache License 2.0	
Apache Commons CSV	commons-csv-1.8	Apache License 2.0	
Apache Commons Daemon	1.0.13	Apache License 2.0	
Apache Commons Digester	1.8	Apache License 1.1	
Apache Commons Digester	1.8.1	Apache License 1.1	
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Apache Commons Logging	1.2	Apache License 2.0	
Apache Commons Math	3.1.1	Apache License 2.0	
Apache Commons Math	3.6.1	Apache License 2.0	
Apache Commons Net	3.1	Apache License 2.0	
Apache Commons Net	3.6	Apache License 2.0	
Apache Commons Pool	commons-pool-2.8.0	Apache License 2.0	
Apache Commons Text	1.8	Apache License 2.0	
Apache Commons Validator	1.3.1	Apache License 2.0	
Apache Commons Validator	1.6	Apache License 2.0	
Apache CXF	3.3.6	Apache License 2.0	
Apache Directory API ASN.1 API	1.0.0-M19	Apache License 2.0	
Apache Directory LDAP API Utilities	1.0.0-M20	Apache License 2.0	
Apache Directory LDAP Client API	2.0.0.AM4	Apache License 2.0	
Apache Directory Studio	2.0.0-M15	Apache License 2.0	
Apache FontBox	2.0.19	Apache License 2.0	
Apache Geronimo Annotation Spec 1.3	1.3	Apache License 2.0	
Apache Hadoop	2.0.0-cdh4.6.0	Apache License 2.0	
Apache Hadoop	2.6.0-cdh5.4.0	Apache License 2.0	
Apache Hadoop	2.7.1	Apache License 2.0	
Apache Hadoop	2.9.2	Apache License 2.0	
Apache Hadoop Amazon Web Services support	2.6.0-cdh5.4.0	Apache License 2.0	
Apache Hadoop Amazon Web Services support	2.9.2	Apache License 2.0	
Apache Hadoop Annotations	2.6.0-cdh5.7.6	Apache License 2.0	
Apache Hadoop Annotations	2.7.1	Apache License 2.0	
Apache Hadoop Annotations	2.9.2	Apache License 2.0	
Apache Hadoop Auth	2.6.0-cdh5.4.2	Apache License 2.0	
Apache Hadoop Auth	2.7.1	Apache License 2.0	
Apache Hadoop Auth	2.9.2	Apache License 2.0	

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Apache Hadoop Client	2.6.0-cdh5.4.1	Apache License 2.0	
Apache Hadoop HDFS Client	2.9.2	Apache License 2.0	
Apache Hive	1.1.0	Apache License 2.0	
Apache Hive	3.1.3000.7.1.2.0-96	Apache License 2.0	
Apache HttpClient	3.1	Apache License 2.0	
Apache HttpClient	4.2.5	Apache License 2.0	
Apache HttpClient	4.4.1	Apache License 2.0	
Apache HttpClient	4.5.7	Apache License 2.0	
Apache HttpClient	rel/v4.5.12	Apache License 2.0	
Apache HttpComponents	4.5.7	Apache License 2.0	
Apache HttpComponents Core	4.2.4	Apache License 2.0	
Apache HttpComponents Core	4.4.1	Apache License 2.0	
Apache HttpComponents Core	4.4.11	Apache License 2.0	
Apache HttpComponents Core	4.4.13	Apache License 2.0	
Apache HttpMime	4.5.12	Apache License 2.0	
Apache HttpMime	4.5.6	Apache License 2.0	
Apache JAMES Mime4j (DOM)	0.8.3	Apache License 2.0	
Apache JempBox	1.8.16	Apache License 2.0	
Apache log4j	1.2.17	Apache License 2.0	
Apache log4j	1.2.17-cloudera1	Apache License 2.0	
Apache log4j	2.13.3	Apache License 2.0	
Apache Log4j JUL Adapter	2.13.3	Apache License 2.0	
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Apache Lucene	4.10.4	Apache License 2.0	
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Apache Parquet Column	1.10.99.7.2.3.0-185	Apache License 2.0	
Apache Parquet Format (Incubating)	2.3.0-incubating	Apache License 2.0	
Apache Parquet Format Structures	1.10.99.7.1.1.2001-10	Apache License 2.0	
Apache Parquet Hadoop	1.10.99.7.1.1.2001-10	Apache License 2.0	
Apache Parquet Hadoop Bundle	1.10.99.7.1.1.2001-10	Apache License 2.0	
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Apache POI: OOXML	4.1.2	Apache License 2.0	
Apache POI: OOXML-schemas	4.1.2	Apache License 2.0	
Apache POI: scratchpad	4.1.2	Apache License 2.0	
Apache Santuario (Java)	2.0.7	Apache License 2.0	
Apache Shiro	1.3.2	Apache License 2.0	
Apache Shiro :: Cryptography :: Hashing	1.5.2	Apache License 2.0	
Apache Shiro :: Event	1.4.0-RC2	Apache License 2.0	
Apache SIS common storage	1	Apache License 2.0	
Apache SIS features	1	Apache License 2.0	
Apache SIS metadata	1	Apache License 2.0	
Apache SIS NetCDF storage	1	Apache License 2.0	
Apache SIS referencing	1	Apache License 2.0	
Apache SIS utilities	1	Apache License 2.0	
Apache Solr Solrj	5.5.3	Apache License 2.0	
Apache Solr Solrj	8.4.1	Apache License 2.0	
Apache Solr Solrj	8.5.1	Apache License 2.0	
Apache Standard Taglib Implementation	1.2.5	Apache License 2.0	
Apache Struts	1.3.8	Apache License 2.0	
Apache Taglibs	1.2.5	Apache License 2.0	
Apache Thrift	0.12.0	Apache License 2.0	
Apache Tika	1.24.1	Apache License 2.0	
Apache Tika plugin for Ogg, Vorbis and FLAC	0.8	Apache License 2.0	
Apache Tomcat	5.5.23	Apache License 2.0	
Apache Tomcat	8.5.40	Apache License 2.0	
Apache Tomcat	9.0.35	Apache License 2.0	
Apache Tomcat	9.0.39	Apache License 2.0	
Apache Tomcat Embed	9.0.35	Apache License 2.0	
Apache Tomcat Embed	9.0.39	Apache License 2.0	
Apache Velocity	1.7	Apache License 2.0	

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Apache Velocity	2	Apache License 1.1	
Apache Xerces2 J	2.12.0	Apache License 2.0	
Apache Xerces2 J	2.9.1	Apache License 2.0	
Apache XML Commons	1.3.04	Apache License 2.0	
Apache XML Commons	1.4.01	Apache License 2.0	
Apache XmpBox	2.0.19	Apache License 2.0	
Apache Yetus - Audience Annotations	0.5.0	Apache License 2.0	
Apache ZooKeeper	3.4.6	Apache License 2.0	
Apache ZooKeeper	3.5.5	Apache License 2.0	
Apache ZooKeeper - Jute	3.5.5	Apache License 2.0	
ApacheDS Protocol Kerberos Codec	2.0.0-M15	Apache License 2.0	
ASM	3.1	BSD 3-clause "New" or "Revised" License	
ASM	3.3.1	BSD 3-clause "New" or "Revised" License	
ASM	5.0.4	BSD 3-clause "New" or "Revised" License	
ASM	7	BSD 3-clause "New" or "Revised" License	
ASM	8.0.1	BSD 3-clause "New" or "Revised" License	
ASM based accessors helper used by json-smart	1.2	Apache License 2.0	
ASM Commons	7	BSD 3-clause "New" or "Revised" License	
ASM Tree	5.0.3	BSD 3-clause "New" or "Revised" License	
ASM Tree	7	BSD 3-clause "New" or "Revised" License	
ASM Util	5.0.3	BSD 3-clause "New" or "Revised" License	
asm-analysis	5.0.3	BSD 3-clause "New" or "Revised" License	
asm-analysis	7	BSD 3-clause "New" or "Revised" License	
AspectJ Runtime	1.9.5	Eclipse Public License 1.0	
AspectJ weaver	1.9.5	Eclipse Public License 1.0	
athenz-zts-java-client	1.7.16	Apache License 2.0	

Component	Version	License	Modified
atlas-client-common	1.1.0	Apache License 2.0	
atlas-client-v2	1.1.0	Apache License 2.0	
AWS SDK for Java	1.7.4	Apache License 2.0	
AWS SDK for Java - Bundle	1.11.199	Apache License 2.0	
Bean Validation API	2.0.1	Apache License 2.0	
Bean Validation API	2.0.2	Apache License 2.0	
beanvalidation-api	1.1.0.Final	Apache License 2.0	
beanvalidation-api	2.0.1.Final	Apache License 2.0	
boilerpipe	1.1.0	Apache License 2.0	
Bouncy Castle	1.65	MIT License	
Bouncy Castle PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs	1.65	MIT License	
btf	1.2	Apache License 2.0	
Byte Buddy	byte-buddy-1.10.10	Apache License 2.0	
c3p0:JDBC DataSources/Resource Pools	0.9.5.3	(GNU Lesser General Public License v2.1 or later AND Eclipse Public License 1.0)	
c3p0:JDBC DataSources/Resource Pools	0.9.5.4	Eclipse Public License 1.0	
c3p0:JDBC DataSources/Resource Pools	0.9.5.5	Eclipse Public License 1.0	
c3p0:JDBC DataSources/Resource Pools	0.9.5.5	GNU Lesser General Public License v2.1 only	
CDI APIs	1.2	Apache License 2.0	
CDI APIs	1.2.0.redhat-2	Apache License 2.0	
CDM core library	4.5.5	NetCDF license	
cglib	2.2.1-v20090111	Apache License 2.0	
cglib	2.2.2	Apache License 2.0	
Checker Qual	2.10.0	MIT License	
classfilewriter	1.1.2	Apache License 2.0	
classfilewriter	1.1.2.Final	Apache License 2.0	
classfilewriter	1.2.1.Final	Apache License 2.0	
ClassGraph	4.8.69	MIT License	
Cloudera Manager API	5.4.7	Apache License 2.0	

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Cloudera Search	cdh5.1.0-release	Apache License 2.0	
com.springsource.org.hamcrest.core	1.1.0	BSD 3-clause "New" or "Revised" License	
Common Annotations 1.2 API	1.0.0.Final	Common Development and Distribution License 1.1	
Commons Chain	1.1	Apache License 2.0	
Commons IO	2.4	Apache License 2.0	
Commons IO	2.5	Apache License 2.0	
Commons IO	2.6	Apache License 2.0	
commons-el	5.5.23	Apache License 2.0	
config - com.typesafe:config	1.2.1	Apache License 2.0	
coolpad_httpcore	2.1.18	Apache License 2.0	
CouchbaseMock	1.5.25	Apache License 2.0	
Curator Client	2.7.1	Apache License 2.0	
Curator Client	4.2.0	Apache License 2.0	
Curator Framework	2.7.1	Apache License 2.0	
Curator Framework	4.2.0	Apache License 2.0	
Curator Recipes	2.7.1	Apache License 2.0	
Curator Recipes	4.2.0	Apache License 2.0	
curvesapi	1.06	BSD 3-clause "New" or "Revised" License	
cz.o2.proxima:proxima-direct-core	0.4.0	Apache License 2.0	
DataStax Java driver for Apache Cassandra(R) - core with netty shaded	4.9.0	Apache License 2.0	
Demo :: Mock Resources	10.0.0.beta3	Apache License 2.0	
DocMockRest	0.0.2	Apache License 2.0	
dom4j: flexible XML framework for Java	1.3	dom4j License (BSD 2.0 +)	
dom4j: flexible XML framework for Java	2.1.3	BSD 3-clause "New" or "Revised" License	
Dozer	5.5.1	Apache License 2.0	
Eclipse Compiler for Java(TM)	3.17.0	Eclipse Public License 2.0	
Eclipse Jetty	9.4.18.v20190429	Apache License 2.0	
EclipseLink ANTLR	2.6.0	(Eclipse Distribution License - v 1.0 AND Eclipse Public License 1.0)	

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EclipseLink Core	2.6.0-RC2	(Eclipse Distribution License - v 1.0 AND Eclipse Public License 1.0)	
EclipseLink Hermes JPQL Parser	2.6.0	(Eclipse Distribution License - v 1.0 AND Eclipse Public License 1.0)	
EclipseLink JPA	2.6.0-RC2	(Eclipse Distribution License - v 1.0 AND Eclipse Public License 1.0)	
ed25519-java	0.3.0	Creative Commons Zero v1.0 Universal	
Ehcache	2.6.2	Apache License 2.0	
Elastic JNA Distribution	5.5.0	Apache License 2.0	
Enunciate - Core Annotations	2.12.1	Apache License 2.0	
Enunciate - Core Build-time Support	2.12.1	Apache License 2.0	
Enunciate - Javac Support	2.12.1	Apache License 2.0	
Enunciate - Project Lombok Support	2.12.1	Apache License 2.0	
error-prone annotations	2.3.4	Apache License 2.0	
Example :: Jetty Quick Start	9.4.18.v20190429	Apache License 2.0	
Expression Language 3.0	3.0.3	Eclipse Public License 2.0	
Expression Language 3.0 API	3.0.3	Eclipse Public License 2.0	
Expression Language API	1.0.0.Alpha1	Common Development and Distribution License 1.0	
Expression Language API	1.0.0.Alpha1	Common Development and Distribution License 1.1	
Expression Language API	3.0.1-b03	Common Development and Distribution License 1.1	
external-objenesis	1.0.4	Apache License 2.0	
Fast Infoset	1.2.16	Apache License 2.0	
Fast Infoset	1.2.16	Eclipse Distribution License - v 1.0	
fastutil	6.5.16	Apache License 2.0	
fastutil	6.5.7	Apache License 2.0	
FindBugs jsr305	3.0.0	Apache License 2.0	
FindBugs jsr305	3.0.2	Apache License 2.0	
FindBugs-Annotations	2.0.1	GNU Lesser General Public License v2.1 only	
FindBugs-Annotations	3.0.0	GNU Lesser General Public License v2.1 or later	

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firebase-crashlytics-buildtools	2.0.0-beta03	Apache License 2.0	
flyway-core	6.4.2	Apache License 2.0	
force-wsc	35.1.0	BSD 3-clause "New" or "Revised" License	
GAX (Google Api eXtensions)	1.0.0	BSD 3-clause "New" or "Revised" License	
GeoAPI	3.0.1	Open Geospatial Consortium Software License	
GitHub API for Java	1.105	MIT License	
Google Guice	3	Apache License 2.0	
Google Guice	3.0-rc3	Apache License 2.0	
Google Guice	4	Apache License 2.0	
google-gson	2.2.4	Apache License 2.0	
google-gson	2.5	Apache License 2.0	
google-gson	2.8.6	Apache License 2.0	
GRIB Decoder API	4.5.5	NetCDF license	
GroupBy - Common - HTTP	135	MIT License	
Guava InternalFutureFailureAccess and InternalFutures	1.0.1	Apache License 2.0	
Guava ListenableFuture only	9999.0-empty-to-avoid-conflict-with-guava	Apache License 2.0	
Guava: Google Core Libraries for Java	19	Apache License 2.0	
Guava: Google Core Libraries for Java	20	Apache License 2.0	
Guava: Google Core Libraries for Java	28.2-jre	Apache License 2.0	
Guava: Google Core Libraries for Java	29.0-jre	Apache License 2.0	
hadoop-mapreduce-client-app	2.6.0-cdh5.4.0	Apache License 2.0	
hadoop-mapreduce-client-common	2.6.0-cdh5.4.0	Apache License 2.0	
hadoop-mapreduce-client-core	2.6.0-cdh5.4.0	Apache License 2.0	
hadoop-mapreduce-client-hs	2.6.5	Apache License 2.0	
hadoop-mapreduce-client-jobclient	2.6.0-cdh5.4.8	Apache License 2.0	
hadoop-mapreduce-client-shuffle	2.6.0-cdh5.4.5	Apache License 2.0	
hadoop-yarn-api	2.6.0-cdh5.3.6	Apache License 2.0	
hadoop-yarn-client	2.6.0-cdh5.4.9	Apache License 2.0	

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hadoop-yarn-common	2.6.0-cdh5.4.0	Apache License 2.0	
hadoop-yarn-server-common	2.6.0-cdh5.4.2	Apache License 2.0	
hadoop-yarn-server-nodemanager	2.6.0-cdh5.4.0	Apache License 2.0	
HawtJNI Runtime	1.9	Apache License 2.0	
HdrHistogram	HdrHistogram-2.1.12	(BSD 2-clause "Simplified" License AND Creative Commons Public Domain Dedication and Certification)	
Hibernate Commons Annotations	5.1.0.Final	GNU Lesser General Public License v2.1 only	
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Hibernate ORM	5.4.16	GNU Lesser General Public License v2.1 only	
Hibernate ORM	5.4.16	GNU Lesser General Public License v2.1 or later	
Hibernate Validator	5.4.3.Final	Apache License 2.0	
Hibernate Validator	6.0.20.Final	Apache License 2.0	
HikariCP	2.3.13	Apache License 2.0	
HikariCP	2.4.13	Apache License 2.0	
HikariCP	HikariCP-3.4.5	Apache License 2.0	
HikariCP-java6	2.3.13	Apache License 2.0	
hive-cli	1.1.0	Apache License 2.0	
hive-jdbc	1.1.0	Apache License 2.0	
hive-jdbc	3.1.3000.7.1.4.0-69	Apache License 2.0	
hive-metastore	1.1.0	Apache License 2.0	
hive-serde	1.0.1	Apache License 2.0	
hive-service	1.1.0	Apache License 2.0	
hive-warehouse-connector	1.0.0.7.1.3.0-100	Apache License 2.0	
HK2 API module	2.5.0-b30	Common Development and Distribution License 1.1	
HK2 API module	2.6.0	Eclipse Public License 2.0	
HK2 Implementation Utilities	2.5.0-b32	Common Development and Distribution License 1.1	
HK2 Implementation Utilities	2.6.0	Eclipse Public License 2.0	
HorizonCore	0.0.16	Apache License 2.0	
htrace-core	3.0.4	Apache License 2.0	

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htrace-core	3.1.0-incubating	Apache License 2.0	
htrace-core	4.1.0-incubating	Apache License 2.0	
htrace-core	4.2.0-incubating	Apache License 2.0	
HttpClient Wrappers	4.5.5	NetCDF license	
ICU4J	63.1	ICU License	
Infinispan Embedded Query	7.0.1.Final	Apache License 2.0	
Injection API (JSR 330) version 1 repackaged as OSGi bundle	2.5.0-b02	Common Development and Distribution License 1.1	
Injection API (JSR 330) version 1 repackaged as OSGi bundle	2.5.0-b30	Common Development and Distribution License 1.1	
io.swagger:swagger-annotations	2.1.2	Apache License 2.0	
ISO Parser	1.9.41.2	Apache License 2.0	
istack common utility code runtime	3.0.11	Eclipse Distribution License - v 1.0	
istack common utility code runtime	3.0.8	Eclipse Distribution License - v 1.0	
Itadaki jbzip2	0.9.1	MIT License	
J2ObjC Annotations	1.3	Apache License 2.0	
Jackcess	jackcess-3.0.1	Apache License 2.0	
Jackcess Encrypt	3.0.0	Apache License 2.0	
Jackson Integration for Metrics	3.1.0	Apache License 2.0	
Jackson JSON processor	1.9.13	Apache License 2.0	
jackson-annotations	2.10.3	Apache License 2.0	
jackson-annotations	2.9.8	Apache License 2.0	
jackson-annotations	jackson-annotations-2.11.0	Apache License 2.0	
jackson-core	1.9.1	Apache License 2.0	
jackson-core	1.9.13	Apache License 2.0	
jackson-core	2.10.3	Apache License 2.0	
jackson-core	2.11.0	Apache License 2.0	
jackson-core	2.9.8	Apache License 2.0	
jackson-coreutils	1.8	Apache License 2.0	
jackson-databind	2.10.3	Apache License 2.0	
jackson-databind	2.11.0	Apache License 2.0	
jackson-databind	2.9.10.6	Apache License 2.0	
jackson-databind	2.9.8	Apache License 2.0	

Component	Version	License	Modified
jackson-dataformat-yaml	2.10.0.pr1	Apache License 2.0	
jackson-dataformat-yaml	2.11.0	Apache License 2.0	
jackson-dataformat-yaml	2.9.8	Apache License 2.0	
Jackson-datatype-jdk8	2.11.0	Apache License 2.0	
Jackson-datatype-jdk8	2.9.10	Apache License 2.0	
jackson-datatype-joda	2.1.0	Apache License 2.0	
Jackson-Datatype-JSR310	2.11.0	Apache License 2.0	
Jackson-Datatype-JSR310	2.9.10	Apache License 2.0	
Jackson-JAXRS-base	2.11.0	Apache License 2.0	
Jackson-JAXRS-base	2.8.4	Apache License 2.0	
Jackson-JAXRS-base	2.9.8	Apache License 2.0	
jackson-jaxrs-json-provider	2.11.0	Apache License 2.0	
jackson-jaxrs-json-provider	2.8.4	Apache License 2.0	
jackson-jaxrs-json-provider	2.9.8	Apache License 2.0	
jackson-module-jaxb-annotations	1.8.8	Apache License 2.0	
jackson-module-jaxb-annotations	1.9.2	Apache License 2.0	
jackson-module-jaxb-annotations	2.11.0	Apache License 2.0	
jackson-module-jaxb-annotations	2.8.4	Apache License 2.0	
jackson-module-jaxb-annotations	2.9.8	Apache License 2.0	
Jackson-module-parameter-names	2.11.0	Apache License 2.0	
Jackson-module-parameter-names	2.9.10	Apache License 2.0	
jaeger-client	0.30.0	Apache License 2.0	
Jakarta Annotations API	1.3.4	Eclipse Public License 2.0	
Jakarta Annotations API	1.3.5	Eclipse Public License 2.0	
jakarta.persistence-api	2.2.3	(Eclipse Distribution License - v 1.0 AND Eclipse Public License 2.0)	
jakarta.xml.bind-api	2.3.2	Eclipse Distribution License - v 1.0	
jakarta.xml.bind-api	2.3.3	Eclipse Distribution License - v 1.0	
jamon-runtime	2.3.0	Mozilla Public License 1.1	
Java Advanced Imaging Image I/O Tools API core (standalone)	1.4.0	BSD 3-clause "New" or "Revised" License	
Java Annotation Indexer	2.1.3.Final	Apache License 2.0	
Java API for Processing JSON (JSON-P)	1.0.4	Common Development and Distribution License 1.1	

Component	Version	License	Modified
Java API for XML Web Services	2.3.1	Common Development and Distribution License 1.1	
Java Architecture for XML Binding	2.2.2-promoted-b98	Common Development and Distribution License 1.1	
Java Architecture for XML Binding	2.3.1	Common Development and Distribution License 1.1	
Java Compiler Apt	1.3.500	Eclipse Public License 2.0	
Java EE Transaction API	3.1-b41	Common Development and Distribution License 1.1	
Java Native Access (JNA)	5.5.0	Apache License 2.0	
Java Native Access (JNA)	5.5.0	GNU Lesser General Public License v2.1 only	
Java Servlet API	2.1	Common Development and Distribution License 1.0	
Java Servlet API	2.5	Common Development and Distribution License 1.1	
Java Servlet API	3.1.0	Common Development and Distribution License 1.1	
Java UnRar	4.0.0	unRAR License	
Java(TM) EE Interceptors 1.2 API	1.0.0.Alpha3	Common Development and Distribution License 1.0	
Java(TM) EE Interceptors 1.2 API	1.0.0.Final	Common Development and Distribution License 1.1	
java-classmate	1.3.1	Apache License 2.0	
java-classmate	1.3.4	Apache License 2.0	
java-classmate	classmate-1.5.1	Apache License 2.0	
java-libpst	0.9.3	Apache License 2.0	
java-xmlbuilder	0.4	Apache License 2.0	
JavaBeans Activation Framework	1.1	Common Development and Distribution License 1.0	
JavaBeans Activation Framework	1.2.0	(GNU General Public License v2.0 w/Classpath exception OR Common Development and Distribution License 1.1)	
JavaBeans Activation Framework	1.2.1	BSD 3-clause "New" or "Revised" License	
JavaBeans Activation Framework	1.2.2	Eclipse Distribution License - v 1.0	
JavaBeans Activation Framework API jar	1.2.0	Common Development and Distribution License 1.1	

Component	Version	License	Modified
JavaBeans Activation Framework API jar	1.2.1	BSD 3-clause "New" or "Revised" License	
JavaBeans Activation Framework API jar	1.2.2	Eclipse Distribution License - v 1.0	
javaluator	3.0.0	GNU Lesser General Public License v2.1 only	
javaluator	3.0.0	GNU Lesser General Public License v3.0 or later	
JavaMail	1.6.1	Common Development and Distribution License 1.1	
JavaMail API imap provider	1.6.1	Common Development and Distribution License 1.0	
JavaMail API pop3 provider	1.6.1	Common Development and Distribution License 1.0	
JavaMail API smtp provider	1.6.1	Common Development and Distribution License 1.0	
JavaServer Pages (TM) TagLib Implementation	1.2-impl	Common Development and Distribution License 1.1	
Javassist	3.18.2-GA	Apache License 2.0	
Javassist	3.20.0-GA	Apache License 2.0	
Javassist	3.21.0-GA	Apache License 2.0	
Javassist	3.24.0-GA	Apache License 2.0	
Javassist	3.24.0-GA	Mozilla Public License 1.1	
Javax Inject from the JSR-330 Expert Group	1	Apache License 2.0	
Javax Persistence API 2.0	2.1.0-RC2	Eclipse Public License 1.0	
javax.annotation API	1.2	(Common Development and Distribution License 1.1 OR Sun GPL With Classpath Exception v2.0)	
javax.annotation API	1.3	Common Development and Distribution License 1.1	
javax.annotation API	1.3.2	Common Development and Distribution License 1.1	
javax.inject:1 as OSGi bundle	2.6.0	Eclipse Public License 2.0	
javax.inject:1 as OSGi bundle	2.6.1	Eclipse Public License 2.0	
javax.jws API	1.1	Common Development and Distribution License 1.1	
javax.persistence-api	2.2	(Eclipse Distribution License - v 1.0 AND Eclipse Public License 1.0)	
javax.persistence-api	2.2	Eclipse Distribution License - v 1.0	

Component	Version	License	Modified
javax.transaction API	1.3	Common Development and Distribution License 1.1	
javax.transaction API	1.3.3	Eclipse Public License 2.0	
javax.ws.rs-api	2.0.1	Common Development and Distribution License 1.1	
javax.ws.rs-api	2.1.5	Eclipse Public License 2.0	
javax.ws.rs-api	2.1.6	(Sun GPL With Classpath Exception v2.0 OR Eclipse Public License 2.0)	
javax.xml.soap API	1.4.0	Common Development and Distribution License 1.1	
JAX-RS provider for JSON content type	1.8.8	Apache License 2.0	
JAX-RS provider for JSON content type	1.9.2	Apache License 2.0	
JAXB CORE	2.3.0-b170127.1453	Common Development and Distribution License 1.1	
JAXB Runtime	2.3.2	Eclipse Distribution License - v 1.0	
JAXB Runtime	2.3.3	Eclipse Distribution License - v 1.0	
JAXB XML Binding Code Generator Package	2.2	Common Development and Distribution License 1.0	
JAXB XML Binding Code Generator Package	2.2.3-1	Common Development and Distribution License 1.1	
JAXB XML Binding Code Generator Package	2.3.3	Eclipse Distribution License - v 1.0	
jaxen	full	Apache License 2.0	
JBoss Logging 3	3.2.1.Final	Apache License 2.0	
JBoss Logging 3	3.3.2.Final	Apache License 2.0	
JBoss Logging 3	3.4.1.Final	Apache License 2.0	
JCIP Annotations under Apache License	1.0-1	Apache License 2.0	
JCL 1.2 Implemented Over SLF4J	1.7.28	MIT License	
JCL 1.2 Implemented Over SLF4J	1.7.30	Apache License 2.0	
JCL 1.2 Implemented Over SLF4J	1.7.5	MIT License	
JCommander Library	1.78	Apache License 2.0	
JDOM	2.0.6	Jdom License	
Jersey	1.19.4	Common Development and Distribution License 1.1	
Jersey	2.25.1	Common Development and Distribution License 1.1	

Component	Version	License	Modified
Jersey	2.30.1	Eclipse Public License 2.0	
jersey-cdi1x	2.25.1	Common Development and Distribution License 1.1	
jersey-connectors-apache	2.25.1	Common Development and Distribution License 1.1	
jersey-container-servlet	2.25.1	Common Development and Distribution License 1.1	
jersey-container-servlet-core	2.25.1	Common Development and Distribution License 1.1	
jersey-core-server	2.25.1	Common Development and Distribution License 1.1	
jersey-ext-entity-filtering	2.25.1	Common Development and Distribution License 1.1	
jersey-json	1.19.4	Common Development and Distribution License 1.1	
jersey-json	1.9	Common Development and Distribution License 1.1	
jersey-media-jaxb	2.25.1	Common Development and Distribution License 1.1	
jersey-media-json-jackson	2.25.1	Common Development and Distribution License 1.1	
jersey-media-multipart	2.25.1	Common Development and Distribution License 1.1	
jersey-multipart	1.19	Common Development and Distribution License 1.1	
jersey-repackaged-guava	2.25.1	Common Development and Distribution License 1.1	
jersey-server	1.9	Common Development and Distribution License 1.1	
jersey-servlet	1.11-b01	Common Development and Distribution License 1.1	
jersey-shaded	2.25.1-0.9.1.7.2.1.0-274	Apache License 2.0	
jersey-shaded	2.25.1-0.9.1.7.2.1.0-307	Apache License 2.0	
jerseyguice	1.9	Common Development and Distribution License 1.1	
Jettison - Json Stax implementation	1.1	Apache License 2.0	
Jettison - Json Stax implementation	1.3.7	Apache License 2.0	
jetty	6.1.26	Apache License 2.0	
Jetty :: ALPN :: API	1.1.3.v20160715	Apache License 2.0	
Jetty :: ALPN :: Conscrypt Server Implementation	9.4.18.v20190429	Apache License 2.0	

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Jetty :: ALPN :: JDK9 Client Implementation	9.4.19.v20190610	(Apache License 2.0 AND Eclipse Public License 1.0)	
Jetty :: ALPN :: JDK9 Client Implementation	9.4.19.v20190610	Apache License 2.0	
Jetty :: ALPN :: JDK9 Client Implementation	9.4.28.v20200408	(Apache License 2.0 AND Eclipse Public License 1.0)	
Jetty :: ALPN :: JDK9 Server Implementation	9.4.18.v20190429	Apache License 2.0	
Jetty :: ALPN :: OpenJDK8 Server Implementation	9.4.18.v20190429	Apache License 2.0	
Jetty :: ALPN Client	9.4.28.v20200408	(Apache License 2.0 AND Eclipse Public License 1.0)	
Jetty :: ALPN Server	9.4.17.v20190418	Apache License 2.0	
Jetty :: Apache JSP	9.4.18.v20190429	Apache License 2.0	
Jetty :: Asynchronous HTTP Client	9.4.18.v20190429	Apache License 2.0	
Jetty :: Asynchronous HTTP Client	9.4.19.v20190610	(Apache License 2.0 AND Eclipse Public License 1.0)	
Jetty :: Asynchronous HTTP Client	9.4.28.v20200408	(Apache License 2.0 AND Eclipse Public License 1.0)	
Jetty :: CDI 2	9.4.18.v20190429	Apache License 2.0	
Jetty :: CDI :: Core	9.4.18.v20190429	Apache License 2.0	
Jetty :: CDI :: Servlet	9.4.18.v20190429	Apache License 2.0	
Jetty :: FastCGI :: Client	9.4.18.v20190429	Apache License 2.0	
Jetty :: FastCGI :: Server	9.4.18.v20190429	Apache License 2.0	
Jetty :: GCloud :: Session Manager	9.4.14.v20181114	Apache License 2.0	
Jetty :: Hazelcast Session Managers	9.4.18.v20190429	Apache License 2.0	
Jetty :: Home Assembly	9.4.18.v20190429	Apache License 2.0	
Jetty :: HTTP2 :: Client	9.4.28.v20200408	(Apache License 2.0 AND Eclipse Public License 1.0)	
Jetty :: HTTP2 :: Common	9.4.18.v20190429	Apache License 2.0	
Jetty :: HTTP2 :: Common	9.4.28.v20200408	(Apache License 2.0 AND Eclipse Public License 1.0)	
Jetty :: HTTP2 :: HPACK	9.4.18.v20190429	Apache License 2.0	
Jetty :: HTTP2 :: HPACK	9.4.28.v20200408	(Apache License 2.0 AND Eclipse Public License 1.0)	
Jetty :: HTTP2 :: HTTP Client Transport	9.4.28.v20200408	(Apache License 2.0 AND Eclipse Public License 1.0)	
Jetty :: HTTP2 :: Server	9.4.18.v20190429	Apache License 2.0	

Component	Version	License	Modified
Jetty :: Infinispan Session Manager Common	9.4.18.v20190429	Apache License 2.0	
Jetty :: Infinispan Session Manager Embedded with Querying	9.4.17.v20190418	Apache License 2.0	
Jetty :: Infinispan Session Manager Remote	9.4.18.v20190429	Apache License 2.0	
Jetty :: JAAS	9.4.18.v20190429	Apache License 2.0	
Jetty :: Memcached :: Sessions	9.4.18.v20190429	Apache License 2.0	
Jetty :: Proxy	9.4.18.v20190429	Apache License 2.0	
Jetty :: Servlet Handling	9.4.18.v20190429	Apache License 2.0	
Jetty :: UnixSocket	9.4.18.v20190429	Apache License 2.0	
Jetty :: Utility Servlets and Filters	9.4.18.v20190429	Apache License 2.0	
Jetty :: WebSocket :: API	9.4.18.v20190429	Apache License 2.0	
Jetty :: WebSocket :: Client	9.4.18.v20190429	Apache License 2.0	
Jetty :: WebSocket :: Common	9.4.18.v20190429	Apache License 2.0	
Jetty :: WebSocket :: javax.websocket :: Client Implementation	9.4.18.v20190429	Apache License 2.0	
Jetty :: WebSocket :: javax.websocket.server :: Server Implementation	9.4.18.v20190429	Apache License 2.0	
Jetty :: WebSocket :: Server	9.4.18.v20190429	Apache License 2.0	
Jetty :: WebSocket :: Servlet Interface	9.4.18.v20190429	Apache License 2.0	
Jetty Orbit :: Glassfish Mail	1.4.1.v201005082020	Common Development and Distribution License 1.0	
Jetty Orbit :: JASPI API	1.0.0.v201108011116	Apache License 2.0	
Jetty Toolchain	1.0.3	Apache License 2.0	
Jetty Toolchain	3.1.M0	Apache License 2.0	
jetty-util	6.1.26	Apache License 2.0	
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	2.5-20081211	Apache License 2.0	
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	6.1.26	Apache License 2.0	
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	6.1.26.cloudera.4	Apache License 2.0	
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	9.4.18	Apache License 2.0	
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	9.4.28.v20200408	(Apache License 2.0 AND Eclipse Public License 1.0)	

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Component	Version	License	Modified
Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server	jetty-9.4.18.v20190429	Apache License 2.0	
JGraphT - Core	1.3.1	Eclipse Public License 2.0	
JHeaps	0.1	Apache License 2.0	
JHighlight	1.0.3	Common Development and Distribution License 1.1	
JLine - Java Console input Library	0.9.94	BSD 3-clause "New" or "Revised" License	
JMatIO	1.5	BSD 3-clause "New" or "Revised" License	
Joda Convert	1.2	Apache License 2.0	
Joda Time	2.1	Apache License 2.0	
Joda Time	2.2	Apache License 2.0	
Joda Time	2.3	Apache License 2.0	
Joda Time	2.5	Apache License 2.0	
Joda Time	2.8.1	Apache License 2.0	
Joda Time	2.9.4	Apache License 2.0	
Joda Time	2.9.8	Apache License 2.0	
JOpt Simple	4.6	MIT License	
JSch	0.1.42	JSch License	
JSch	0.1.54	BSD 3-clause "New" or "Revised" License	
JSON Schema Validator	2.2.6	Apache License 2.0	
JSON-java	20180813	JSON License	
JSON-java	20200518	JSON License	
json-schema-core	1.2.5	Apache License 2.0	
json-schema-core	1.2.5	GNU Lesser General Public License v2.1 or later	
json-simple	1.1.1	Apache License 2.0	
json-smart-v1	2.3	Apache License 2.0	
json4s	3.2.11	Apache License 2.0	
json4s-ast	3.2.11	Apache License 2.0	
json4s-core	3.2.11	Apache License 2.0	
jsoup	jsoup-1.13.1	MIT License	
jsr311-api	1.1.1	Common Development and Distribution License 1.1	

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JUL to SLF4J bridge	1.7.21	MIT License	
JUL to SLF4J bridge	1.7.28	MIT License	
JUL to SLF4J bridge	1.7.30	MIT License	
JUnit	4.1	Eclipse Public License 1.0	
juniversalchardet	1.0.3	Mozilla Public License 1.1	
JVM Integration for Metrics	3.1.0	Apache License 2.0	
JZlib	1.1.3	BSD 3-clause "New" or "Revised" License	
kryo	2.24.0	BSD 3-clause "New" or "Revised" License	
laaws-repository-core	2.0.14.0	BSD 3-clause "New" or "Revised" License	
LatencyUtils	2.0.3	Creative Commons Public Domain Dedication and Certification	
leveldb-api	0.6	Apache License 2.0	
leveldbjni	1.8	BSD 3-clause "New" or "Revised" License	
leveldbjni-all	1.8	BSD 3-clause "New" or "Revised" License	
libphonenumber	6.2	Apache License 2.0	
Log Redactor	2.0.5	Apache License 2.0	
Log4J API	2.13.3	Apache License 2.0	
Lombok Annotations	1.18.12	MIT License	
Lucene Analyzers	4.10.4	Apache License 2.0	
Lucene codecs	4.10.4	Apache License 2.0	
Lucene Facets	4.10.4	Apache License 2.0	
Lucene Grouping	4.10.4	Apache License 2.0	
Lucene Join	4.10.4	Apache License 2.0	
Lucene Queries	4.10.4	Apache License 2.0	
Lucene Query Parser	4.10.4	Apache License 2.0	
Lucene Sandbox	4.10.4	Apache License 2.0	
Mango: Assembly	0.0.3	Apache License 2.0	
MapStruct Core	1.3.0.Final	Apache License 2.0	
Maven Wagon HTTP Provider	3.4.1	Apache License 2.0	
mchange-commons-java	0.2.15	Eclipse Public License 1.0	

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mchange-commons-java	0.2.19	Eclipse Public License 1.0	
mchange-commons-java	0.2.19	GNU Lesser General Public License v2.1 only	
metadata-extractor	2.12.0	Apache License 2.0	
Metrics Core	3.1.0	Apache License 2.0	
Metrics Health Checks	3.1.0	Apache License 2.0	
Metrics Integration for Jersey 2.x	3.1.0	Apache License 2.0	
Metrics Utility Servlets	3.1.0	Apache License 2.0	
micrometer-core	1.5.1	Apache License 2.0	
Micronaut	1.1.0.RC1	Apache License 2.0	
Microsoft JDBC Driver for SQL Server	8.2.0.jre8	MIT License	
MIME streaming extension	1.9.3	Common Development and Distribution License 1.1	
MIME streaming extension	1.9.6	Common Development and Distribution License 1.1	
MIME4J	0.8.3	Apache License 2.0	
minlog	1.2	BSD 3-clause "New" or "Revised" License	
MortBay :: Apache EL :: API and Implementation	8.5.40	Apache License 2.0	
MortBay :: Apache Jasper :: JSP Implementation	8.5.40	Apache License 2.0	
Mozilla Rhino	1.7r4	Mozilla Public License 2.0	
msg-simple	1.1	(Apache License 2.0 OR GNU Lesser General Public License v3.0 or later)	
msg-simple	1.1	Apache License 2.0	
navigator-sdk-client	2.1	Apache License 2.0	
navigator-sdk-model	2.2	Apache License 2.0	
nd4j-uberjar	1.0.0-beta5	Apache License 2.0	
netCDF-4 IOSP JNI connection to C library	4.5.5	NetCDF license	
Netty Project	3.7.0.Final	Apache License 2.0	
Netty Project	4.0.23.Final	Apache License 2.0	
Netty Project	4.1.29.Final	Apache License 2.0	
Netty Project	netty-4.1.49.Final	Apache License 2.0	
Netty/Codec/Redis	4.1.48.Final	Apache License 2.0	

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Component	Version	License	Modified
Netty/Codec/SMTP	4.1.34.Final	Apache License 2.0	
Netty/Transport/Native/Unix/Common	4.1.27.Final	Apache License 2.0	
Netty/Transport/Native/Unix/Common	4.1.49.Final	Apache License 2.0	
Nimbus LangTag	1.5	Apache License 2.0	
Nimbus-JOSE-JWT	7.0.1	Apache License 2.0	
nscala-time	1.6.0	Apache License 2.0	
OAuth 2.0 SDK with OpenID Connect extensions	5.64.4	Apache License 2.0	
objenesis	1.2	Apache License 2.0	
objenesis	2.1	Apache License 2.0	
Ogg and Vorbis for Java, Core	0.8	Apache License 2.0	
OneLogin java-saml Toolkit	2.4.0	MIT License	
OneLogin java-saml Toolkit Core	2.4.0	MIT License	
Open JSON	1.0.12	Apache License 2.0	
opencsv	2.3	Apache License 2.0	
OpenNLP Tools	1.9.2	Apache License 2.0	
org.apache.commons.el	1.0.0	Apache License 2.0	
org.brotli:dec	0.1.2	MIT License	
org.junit.jupiter:junit-jupiter-params	5.5.0-M1	Eclipse Public License 2.0	
org.tallison:metadata-extractor	2.13.0	Apache License 2.0	
org.tukaani.xz	0.3	Public Domain	
OSGi resource locator bundle - used by various API providers that rely on META-INF/services mechanism to locate providers.	1.0.1	Common Development and Distribution License 1.1	
OSGi resource locator bundle - used by various API providers that rely on META-INF/services mechanism to locate providers.	1.0.3	Eclipse Public License 2.0	
ParaNamer Core	2.3	BSD 3-clause "New" or "Revised" License	
ParaNamer Core	2.6	BSD 3-clause "New" or "Revised" License	
parboiled	1.1.7	Apache License 2.0	
Parquet Column	1.6.0rc4	Apache License 2.0	
Parquet Jackson	1.6.0rc6	Apache License 2.0	

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Component	Version	License	Modified
parso	2.0.11	Apache License 2.0	
PDFBox JBIG2 ImageIO plugin	3.0.3	Apache License 2.0	
pegdown	1.6.0	Apache License 2.0	
Pinot Avro	0.5.0	Apache License 2.0	
Pinot Batch Ingestion Common	0.3.0	Apache License 2.0	
Pinot JSON	0.5.0	Apache License 2.0	
Pinot ORC	0.4.0	Apache License 2.0	
PostgreSQL JDBC Driver (pgjdbc)	42.2.12	BSD 2-clause "Simplified" License	
Project Lombok	1.18.8	MIT License	
Protocol Buffer Java API	2.5.0	BSD 3-clause "New" or "Revised" License	
Protocol Buffer Java API	3.11.4	BSD 3-clause "New" or "Revised" License	
Quartz Enterprise Job Scheduler	2.3.0	Apache License 2.0	
Quartz Enterprise Job Scheduler	2.3.2	Apache License 2.0	
Redline	redline-1.2.9	MIT License	
reflectasm	1.07	BSD 3-clause "New" or "Revised" License	
reflectasm	1.09	BSD 3-clause "New" or "Revised" License	
reflections	0.9.10	Do What The F*ck You Want To Public License	
reflections	0.9.11	Do What The F*ck You Want To Public License	
reflections	0.9.9	Do What The F*ck You Want To Public License	
road-onramp-client	6.0.2	Apache License 2.0	
rome	1.12.2	Apache License 2.0	
rome-utils	1.12.2	Apache License 2.0	
Scala	2.11.8	BSD 3-clause "New" or "Revised" License	
scala-asm	5.0.4-scala-3	BSD 3-clause "New" or "Revised" License	
scala-compiler	2.11.8	BSD 3-clause "New" or "Revised" License	
scala-parser-combinators	1.0.4	BSD 3-clause "New" or "Revised" License	

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scalap	2.11.8	BSD 3-clause "New" or "Revised" License	
semanticvectors	5.6	BSD 3-clause "New" or "Revised" License	
SentimentAnalysisParser	0.1	Apache License 2.0	
Sentry Provider DB	2.1.0-cdh6.3.3	Apache License 2.0	
ServiceLocator Default Implementation	2.5.0-b32	Common Development and Distribution License 1.1	
Simple Logging Facade for Java (SLF4J)	1.8.0-beta4	MIT License	
Sisu - Guice	3.0.0	Apache License 2.0	
sketches-library	0.6.2	Apache License 2.0	
SLF4J API Module	1.7.7	MIT License	
SLF4J API Module	1.8.0-beta4	MIT License	
SLF4J LOG4J-12 Binding	1.7.25	MIT License	
SLF4J LOG4J-12 Binding	1.7.5	MIT License	
SnakeYAML	1.23	Apache License 2.0	
SnakeYAML	1.26	Apache License 2.0	
snappy-java	1.0.4.1	Apache License 2.0	
snappy-java	1.0.5	Apache License 2.0	
snappy-java	1.1.7.6	Apache License 2.0	
Spark Launcher Project	2.4.3	Apache License 2.0	
Spark Project Catalyst	2.4.3	Apache License 2.0	
Spark Project Core	2.4.3	Apache License 2.0	
Spark Project Hive	2.4.3	Apache License 2.0	
Spark Project Local DB	2.4.3	Apache License 2.0	
Spark Project Networking	2.4.3	Apache License 2.0	
Spark Project Shuffle Streaming Service	2.4.3	Apache License 2.0	
Spark Project Sketch	2.4.3	Apache License 2.0	
Spark Project SQL	2.4.3	Apache License 2.0	
Spark Project Tags	2.4.3	Apache License 2.0	
Spark Project Unsafe	2.4.3	Apache License 2.0	

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spark-acid	0.4.4.7.1.3.0-98	Apache License 2.0	
spark-avro	4.0.0	Apache License 2.0	
spark-xml	0.5.0	Apache License 2.0	
SparseBitSet	1.2	Apache License 2.0	
Spring Aspects	5.2.6.RELEASE	Apache License 2.0	
Spring Boot	2.3.0.RELEASE	Apache License 2.0	
Spring Boot	v2.1.18.RELEASE	Apache License 2.0	
Spring Boot Actuator AutoConfigure	2.3.0.RELEASE	Apache License 2.0	
Spring Boot Configuration Processor	2.1.18.RELEASE	Apache License 2.0	
Spring Boot Configuration Processor	2.3.0.RELEASE	Apache License 2.0	
Spring Boot Json Starter	2.3.0.RELEASE	Apache License 2.0	
Spring Boot Log4J2 Starter	2.3.0.RELEASE	Apache License 2.0	
Spring Cloud Contract Shaded Dependencies	3.0.0.M1	Apache License 2.0	
Spring Commons Logging Bridge	5.1.19.RELEASE	Apache License 2.0	
Spring Commons Logging Bridge	5.2.6.RELEASE	Apache License 2.0	
Spring Data Commons	2.3.0.RELEASE	Apache License 2.0	
Spring Data JPA	2.3.0.RELEASE	Apache License 2.0	
Spring Framework	4.0.7.RELEASE	Apache License 2.0	
Spring Framework	4.3.17.RELEASE	Apache License 2.0	
Spring Framework	v5.1.19.RELEASE	Apache License 2.0	
Spring Framework	v5.2.6.RELEASE	Apache License 2.0	
Spring Transaction	5.2.6.RELEASE	Apache License 2.0	
spring-aopalliance	1	Apache License 2.0	
spring-boot-actuator	2.3.0.RELEASE	Apache License 2.0	
springdoc-openapi-common	1.4.1	Apache License 2.0	
springdoc-openapi-ui	1.4.1	Apache License 2.0	
springdoc-openapi-webmvc-core	1.4.1	Apache License 2.0	
sshj	0.29.0	Apache License 2.0	
sslext	1.2-0	Apache License 1.1	
StAX	1	Apache License 2.0	
StAX	1.0-2	Common Development and Distribution License 1.0	

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StAX	1.0.1	Apache License 2.0	
stax-ex	1.8.1	Eclipse Distribution License - v 1.0	
Stax2 API	3.1.4	BSD 3-clause "New" or "Revised" License	
stream-lib	2.7.0	Apache License 2.0	
stringtemplate4	4.0.8	BSD 3-clause "New" or "Revised" License	
swagger-core	2.1.2	Apache License 2.0	
swagger-integration	2.1.2	Apache License 2.0	
swagger-models	2.1.2	Apache License 2.0	
swagger-ui	3.26.0	Apache License 2.0	
t-digest	3.2	Apache License 2.0	
TagSoup	1.2.1	Apache License 2.0	
tnt4j-streams-kafka	1.9.0	Apache License 2.0	
tnt4j-streams-kafka	1.9.1	Apache License 2.0	
Transaction 1.1 API	1.1.1.Final	Common Development and Distribution License 1.1	
Transaction 1.1 API	2.0.0.CR1	Common Development and Distribution License 1.1	
Twill common library	0.13.0	Apache License 2.0	
txw2	20110809	Common Development and Distribution License 1.1	
TXW2 Runtime	2.3.2	Eclipse Distribution License - v 1.0	
TXW2 Runtime	2.3.3	Eclipse Distribution License - v 1.0	
Type arithmetic library for Java5	1.3	Common Development and Distribution License 1.0	
udunits	4.5.5	NetCDF license	
unirest-java	3.11.03	MIT License	
Units of Measurement API	1	BSD 3-clause "New" or "Revised" License	
uri-template	0.9	Apache License 2.0	
webhook-helper	0.2.0	Apache License 2.0	
webjars-locator-core	0.45	MIT License	
WebSocket API jar	1	Common Development and Distribution License 1.1	
Weld Core	2.4.8.Final	Apache License 2.0	

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Weld Core	3.0.4.Final	Apache License 2.0	
Weld Parent	2.4.SP2	Apache License 2.0	
Weld SE (Uber Jar)	2.4.8.Final	Apache License 2.0	
Weld SE Parent	2.4.8.Final	Apache License 2.0	
Weld SPIs for container integration	2.4.SP2	Apache License 2.0	
Weld Web	3.0.0.Beta1	Apache License 2.0	
WildFly: EJB and JMS client combined jar	17.0.1.Final	GNU Lesser General Public License v2.1 only	
Woodstox	4.1.5	Apache License 2.0	
Woodstox	4.4.1	Apache License 2.0	
Woodstox	5.0.3	Apache License 2.0	
XMLBeans	3.1.0	Apache License 2.0	
xmlenc	0.52	BSD 3-clause "New" or "Revised" License	
XmlSchema Core	2.2.5	Apache License 2.0	
XMP Library for Java	6.1.10	BSD 3-clause "New" or "Revised" License	
XMPCore Shaded	6.1.10	Apache License 2.0	
XZ for Java	1	Public Domain	
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Json Stax implementation 1.3.8, JGroups JGroups-4.1.4.Final, JGroups Azure: Protocols 1.2.1.Final, jib v2.1.0-maven, Joda Convert 1.2, Joda Time 2.9.7, Joda Time 2.9.9, jose4j jose4j-0.7.0, k3s v1.17.4-alpha1+k3s1, kata-containers/agent 1.3.0, Kerby ASN1 Project 2.0.0, keycloak 9.0.2, Keycloak Admin CLI 9.0.2, KeyCloak AuthZ: Common Policy Providers 9.0.2, Keycloak Client Registration CLI 9.0.2, Keycloak Email FreeMarker 1.6.1.Final, Keycloak Feature Pack: Server 9.0.2, Keycloak JS Integration 9.0.2, Keycloak Kerberos Federation 9.0.2, Keycloak LDAP Federation 9.0.2, Keycloak Model Infinispan 9.0.2, Keycloak Model JPA 9.0.2, Keycloak REST Services 9.0.2, Keycloak SAML Core 9.0.2, Keycloak SAML Core Public API 9.0.2, Keycloak Server Distribution 9.0.2, Keycloak Server Overlay 9.0.2, Keycloak Server Private SPI 9.0.2, Keycloak Server SPI 9.0.2, Keycloak SSSD Federation 9.0.2, Keycloak WildFly Add User Script 9.0.2, Keycloak WildFly Extensions 9.0.2, Keycloak WildFly Server Subsystem 9.0.2, kops - kubernetes v1.19.0-alpha.1, KUBE\_PING 1.0.12.Final, Kubernetes Client API 8.0.2, LiquiBase 3.5.5, log4j-jboss-logmanager 1.2.0.Final, Lucene Analyzers 5.5.5, Lucene Facets 5.5.5, Lucene Memory 5.5.5, Lucene Miscellaneous 5.5.5, Lucene Queries 5.5.5, Lucene Query Parser 5.5.5, MicroProfile Config API 1.3, MicroProfile Health API 2.0.1, MicroProfile Metrics API 2.0.2, MicroProfile Opentracing API 1.3.1, MicroProfile Rest Client API 1.3.2, Microsoft Windows Azure Storage Client SDK 6.1.0, MIME4J 0.6, Netty Project 4.1.42.Final, netty-xnio-transport 0.1.9.Final, Netty/Codec/Redis 4.1.48.Final, Netty/Codec/SMTP 4.1.42.Final, Netty/Transport/Native/KQueue 4.1.43.Final, Netty/Transport/Native/Unix/Common 4.1.43.Final, OkHttp 3.14.3, OkHttp 3.9.0, OkHttp Logging Interceptor 3.14.3, OkIO 1.13.0, OkIO 1.17.2, OpenJDK 1.7.0.251, OpenSAML 2.0 3.3.0, OpenTracing API 0.31.0, opentracing-jaxrs2 0.4.1, OpenTracing-noop 0.31.0, OpenTracing-util 0.31.0, opentracing-web-servlet-filter 0.2.3, org.apiguardian:apiguardian-api 1.1.0, org.lucee:commons-io 2.5.0, org.opentest4j:opentest4j 1.2.0, OWASP Java HTML Sanitizer release-20191001.1, PicketLink API 2.5.5.SP12, PicketLink Common 2.5.5.SP12, PicketLink Config 2.5.5.SP12, PicketLink Distribution - WildFly8 2.5.5.SP12-redhat-00009-jbossorg-1, PicketLink Federation Common Server Bindings for Apache Tomcat 2.5.5.SP12-redhat-00009-jbossorg-1, PicketLink Federation Core 2.5.5.SP12, PicketLink Identity Management - Simple JPA Entity Model 2.5.5.SP12, PicketLink Identity Management Implementation 2.5.5.SP12, PicketLink IDM API 2.5.5.SP12, PicketLink Main Implementation 2.5.5.SP12, picketlink-idm-simple-schema 2.7.1, platform-python-pip 9.0.3, py-pylast 3.0.0, qpid-proton 0.33.2, rancher-os v0.7.0-rc7, RESTEasy 3.9.1.Final, Resteasy Atom Provider 3.9.1.Final, RESTEasy CDI integration module 3.9.1.Final, RESTEasy Crypto 3.9.1.Final, Resteasy Jackson Provider 3.9.1.Final, RESTEasy JAX-RS Client 3.9.1.Final, RESTEasy JAX-RS Client Microprofile 3.9.1.Final, RESTEasy JAX-RS JSAPI 3.9.1.Final, Resteasy Jettison Provider 3.9.1.Final, Resteasy JOSE JWT 3.9.1.Final, RESTEasy JSON-Binding Provider 3.9.1.Final, Resteasy JSON-P EE7 Provider 3.9.1.Final, Resteasy Multipart Provider 3.9.1.Final, RESTEasy RxJava 2 integration 3.9.1.Final, Resteasy Spring integration

3.9.1.Final, RESTEasy Validator Provider 3.9.1.Final, Resteasy Validator Provider BV 1.1 4.0.0.Beta8, Resteasy YAML Provider 3.9.1.Final, river 2.0.9.Final, rxjava 2.2.2, smallrye-opentracing 1.3.0, SmallRye: MicroProfile Config Implementation 1.3.6, SmallRye: MicroProfile Health Implementation 2.0.0, SmallRye: MicroProfile Metrics Implementation 2.1.5, SnakeYAML 1.18, SnakeYAML 1.26, software.amazon.awscdk:s3-deployment 0.14.1, Sphyrnidae Front End Client 1.0.10, Sundrio :: Annotations :: Builder 0.21.0, Sundrio :: Annotations :: Resourcecify 0.21.0, Sundrio :: Code generation 0.21.0, Sundrio :: Core 0.21.0, swagger-core 2.0.9, swagger-integration 2.0.9, swagger-jaxrs2 2.0.9, swagger-models 2.0.9, tomcat-i18n-cs 9.0.31, tomcat-i18n-de 9.0.34, tomcat-i18n-ko 9.0.33, tomcat-i18n-pt-BR 9.0.34, tomcat-i18n-ru 9.0.33, tomcat-i18n-zh-CN 9.0.34, tomcat-ssi 9.0.34, Tracer resolver 0.1.5, trivy v0.1.7, twitter4j 4.0.7, Undertow Core 2.0.27.Final, Undertow Examples 10.0.3.Final, Undertow Servlet 2.0.27.Final, Undertow WebSockets JSR356 implementations 2.0.27.Final, User Agent Parser for Java 1.4.3, VDX Core 1.1.6, VDX WildFly 1.1.6, webauthn4j-core 0.10.2.RELEASE-redhat-00002, webauthn4j-util 0.10.2.RELEASE, Weld Core 3.1.2.Final, Weld EJB 3.1.2.Final, Weld JSF 3.1.2.Final, Weld JTA 3.1.2.Final, Weld Parent 3.1.SP1, Weld SPLs for container integration 3.1.SP1, Weld Web 3.1.2.Final, WildFly Client Configuration 1.0.1.Final, Wildfly EJB Client HTTP invocation support 1.0.16.Final, WildFly Elytron 1.10.4.Final, WildFly Elytron - 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11.2 Any failure by either Party, on one or more occasions, to invoke one or more of the provisions hereof, shall under no circumstances be interpreted as being a waiver by the interested Party of its right to invoke said provision(s) subsequently.

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Version 1.0 dated 2006-09-05.

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(Codemodel Core 2.3.1, istack common utility code runtime 3.0.7, istack-commons-tools 3.0.7, Java API for XML Web Services 2.3.1, Java Architecture for XML Binding 2.3.0, Java Architecture for XML Binding 2.3.1, Java EE Security API 1.0, JavaBeans Activation Framework 1.2.0, JavaBeans Activation Framework API jar 1.2.0, javax 4.0-b33, javax.annotation API 1.3.2, javax.enterprise.concurrent-api 1.1, javax.json.bind-api 1.0, javax.ws.rs-api 2.1.1, JAXB CORE 2.3.0-b170127.1453, JAXB JXC 2.3.1, JAXB Runtime 2.3.1, JSR 353 (JSON Processing) API 1.1.3, jsr181-api 2.1.1, org.glassfish.javax.enterprise.concurrent 1.0, RelaxNG Datatype 2.3.1, RNGOM 2.3.1, saaj-impl 1.4.1.SP1, Soteria 1.0-b07 Java EE Security RI 1.0.0.redhat-1, stax-ex 1.7.8, Transaction 1.1 API 2.0.0.CR1, TXW2 Runtime 2.3.1, XSOM 2.3.1)

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Version 2, June 1991

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[This is the first released version of the Library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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

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

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

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

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"Source code" for a work means the preferred form of the work for making

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modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

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

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

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

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

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

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

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

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

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(cracklib 2.9.6)

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

If distribution of object code is made by offering access to copy from a

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