

celonis

SAP Process Mining by Celonis 4.6 Open Source Components

Version 1.1

Corresponding Software Version
SAP Process Mining by Celonis 4.6

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TABLE OF CONTENTS

REVISION HISTORY	19
INTRODUCTION	20
ABOUT THIS GUIDE	20
TARGET AUDIENCE	20
OPEN SOURCE LIBRARIES	21
A SIMPLE HTTP CLIENT	21
AIRCOMPRESSOR	21
ANIMAL SNIFFER ANNOTATIONS	24
ANTLR	25
ANTLR 3 RUNTIME	26
AOP ALLIANCE	26
AOPALLIANCE-REPACKAGED	27
APACHE :: JSTL MODULE	33
APACHE ANT CORE	36
APACHE ANT LAUNCHER	39
APACHE AVRO	42
APACHE COMMONS CLI	45
APACHE COMMONS CODEC	48
APACHE COMMONS COLLECTIONS	52
APACHE COMMONS COLLECTIONS	54
APACHE COMMONS COMPRESS	58
APACHE COMMONS CONFIGURATION	61
APACHE COMMONS CONFIGURATION	65
APACHE COMMONS CRYPTO	68
APACHE COMMONS DAEMON	71
APACHE COMMONS FILEUPLOAD	74

APACHE COMMONS IO.....	77
APACHE COMMONS LANG	80
APACHE COMMONS LOGGING	83
APACHE COMMONS MATH	87
APACHE COMMONS NET.....	90
APACHE COMMONS TEXT	93
APACHE CURATOR.....	96
APACHE DERBY DATABASE ENGINE AND EMBEDDED JDBC DRIVER.....	99
APACHE GERONIMO JCACHE SPEC 1.0	102
APACHE HADOOP ANNOTATIONS	105
APACHE HADOOP CLIENT	108
APACHE HADOOP COMMON.....	112
APACHE HADOOP DISTRIBUTED COPY	115
APACHE HADOOP HDFS.....	118
APACHE HADOOP HDFS CLIENT.....	121
APACHE HADOOP MAPREDUCE APP	124
APACHE HADOOP MAPREDUCE COMMON.....	127
APACHE HADOOP MAPREDUCE CORE.....	130
APACHE HADOOP MAPREDUCE JOBCLIENT	134
APACHE HADOOP MAPREDUCE SHUFFLE	137
APACHE HADOOP YARN API	140
APACHE HADOOP YARN APPLICATIONHISTORYSERVICE	143
APACHE HADOOP YARN CLIENT	146
APACHE HADOOP YARN COMMON.....	149
APACHE HADOOP YARN REGISTRY	152
APACHE HADOOP YARN RESOURCEMANAGER.....	155
APACHE HADOOP YARN SERVER COMMON	159
APACHE HADOOP YARN WEB PROXY	162

APACHE HBASE - CLIENT	165
APACHE HBASE - COMMON	168
APACHE HBASE - HADOOP COMPATIBILITY	171
APACHE HBASE - HADOOP TWO COMPATIBILITY	174
APACHE HBASE - HTTP.....	177
APACHE HBASE - MAPREDUCE	180
APACHE HBASE - METRICS API	184
APACHE HBASE - METRICS IMPLEMENTATION	187
APACHE HBASE - PREFIX TREE	190
APACHE HBASE - PROCEDURE	193
APACHE HBASE - PROTOCOL	196
APACHE HBASE - REPLICATION.....	199
APACHE HBASE - SERVER.....	202
APACHE HBASE - SHADED PROTOCOL.....	206
APACHE HBASE PATCHED AND RELOCATED (SHADED) PROTOBUF.....	209
APACHE HBASE RELOCATED (SHADED) NETTY LIBS	212
APACHE HBASE RELOCATED (SHADED) THIRD-PARTY MISCELLANEOUS LIBS	215
APACHE HTTPCLIENT	218
APACHE HTTPCLIENT FLUENT API.....	221
APACHE HTTPCLIENT MIME.....	224
APACHE HTTPCORE.....	228
APACHE LOG4J.....	231
APACHE LOG4J 1.X COMPATIBILITY API	234
APACHE LOG4J API.....	237
APACHE LOG4J CORE	240
APACHE LOG4J WEB	243
APACHE PARQUET COLUMN	246
APACHE PARQUET COMMON.....	250

APACHE PARQUET ENCODINGS.....	253
APACHE PARQUET FORMAT	256
APACHE PARQUET HADOOP.....	259
APACHE PARQUET HADOOP BUNDLE	262
APACHE PARQUET JACKSON.....	265
APACHE POI	268
APACHE STANDARD TAGLIB IMPLEMENTATION	272
APACHE STANDARD TAGLIB SPECIFICATION API.....	275
APACHE THRIFT.....	278
APACHE TIKA CORE.....	281
APACHE TWILL API.....	284
APACHE TWILL COMMON LIBRARY	287
APACHE TWILL CORE LIBRARY	290
APACHE TWILL DISCOVERY SERVICE API	294
APACHE TWILL DISCOVERY SERVICE IMPLEMENTATIONS	297
APACHE TWILL ZOOKEEPER CLIENT LIBRARY	300
APACHE VELOCITY	303
APACHE XML SECURITY FOR JAVA.....	306
APACHE YETUS - AUDIENCE ANNOTATIONS	309
APACHE ZOOKEEPER - SERVER	312
ARROW FORMAT	316
ARROW MEMORY.....	319
ARROW VECTORS	322
ASM.....	325
ASM BASHelper USED BY JSON-SMART	326
ASM-ANALYSIS.....	329
ASM-COMMONS.....	330
ASM-TREE	330

ASM-UTIL	331
ASPECTJ RUNTIME	332
ASPECTJ WEAVER.....	335
BATIK-CSS.....	339
BATIK-EXT	342
BATIK-UTIL	345
BEAN VALIDATION API.....	348
BONECP :: CORE LIBRARY	351
BOUNCY CASTLE PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, AND CRMF APIS	354
BOUNCY CASTLE PROVIDER.....	355
C3PO	356
CHECKER QUAL	359
COMMONS DBCP.....	360
COMMONS LANG.....	363
COMMONS POOL.....	366
COMPRESS-LZF.....	369
CONCURRENTLINKEDHASHMAP.....	372
CURATOR CLIENT	375
CURATOR FRAMEWORK	379
CURATOR RECIPES	382
CURVESAPI.....	385
DATA MAPPER FOR JACKSON	386
DATANUCLEUS CORE	389
DATANUCLEUS JDO API PLUGIN	392
DATANUCLEUS RDBMS PLUGIN.....	395
DISRUPTOR FRAMEWORK	398
DNSJAVA	401
ECLIPSE ECJ	402

ECLIPSE XBASE RUNTIME LIBRARY	405
ECLIPSE XTEND ACTIVE ANNOTATIONS LIBRARY	410
ECLIPSE XTEND RUNTIME LIBRARY	414
EHCACHE	418
EHCACHE CORE	421
ERROR-PRONE ANNOTATIONS	424
ESAPI	427
EXPRESSION LANGUAGE 3.0	428
FASTUTIL	434
FINDBUGS-JSR305	437
FLATBUFFERS JAVA API	440
FST	443
GOOGLE GUICE - CORE LIBRARY	446
GOOGLE GUICE - EXTENSIONS - ASSISTEDINJECT	449
GOOGLE GUICE - EXTENSIONS - SERVLET	453
GSON	456
GUAVA INTERNALFUTUREFAILUREACCESS AND INTERNALFUTURES	459
GUAVA LISTENABLEFUTURE ONLY	462
GUAVA: GOOGLE CORE LIBRARIES FOR JAVA	465
HADOOP METRICS2 REPORTER FOR DROPWIZARD METRICS	468
HIBERNATE COMMONS ANNOTATIONS	471
HIBERNATE ORM - HIBERNATE-C3PO	474
HIBERNATE ORM - HIBERNATE-CORE	476
HIBERNATE ORM - HIBERNATE-EHCACHE	479
HIBERNATE ORM - HIBERNATE-ENTITYMANAGER	481
HIBERNATE ORM - HIBERNATE-ENVERS	484
HIBERNATE VALIDATOR ENGINE - RELOCATION ARTIFACT	486
HIKARICP	489

HK2 API MODULE.....	492
HK2 IMPLEMENTATION UTILITIES	498
HPPC COLLECTIONS	504
HTRACE-CORE	507
HTRACE-CORE4	510
HTTPCLIENT	513
HYPERSQL DATABASE	516
J2OBJC ANNOTATIONS	522
JACKSON	525
JACKSON DATATYPE: JSR310	529
JACKSON INTEGRATION FOR METRICS.....	532
JACKSON MODULE: JAXB ANNOTATIONS.....	535
JACKSON-DATABIND.....	538
JACKSON-DATAFORMAT-CSV	541
JACKSON-DATAFORMAT-XML	544
JACKSON-DATAFORMAT-YAML	547
JACKSON-JAXRS-BASE	551
JACKSON-JAXRS-JSON	554
JAKARTA ACTIVATION API JAR.....	557
JAKARTA.XML.BIND:JAKARTA.XML.BIND-API.....	557
JAVA ANNOTATION INDEXER	558
JAVA DBF READER.....	561
JAVA PERSISTENCE API, VERSION 2.1	564
JAVA SERVLET API.....	565
JAVA TRANSACTION API	571
JAVA-UTIL.....	576
JAVABEANS(TM) ACTIVATION FRAMEWORK	579
JAVASERVER PAGES(TM) API	590

JAVASSIST.....	596
JAVAX.ANNOTATION-API.....	599
JAVAX.INJECT	605
JAVAX.INJECT	611
JAVAX.WS.RS-API.....	614
JAVOLUTION	619
JAX-RS PROVIDER FOR JSON CONTENT TYPE	620
JAXB-API.....	623
JBOSS LOGGING 3	628
JBOSS LOGGING I18N ANNOTATIONS	631
JBOSS-TRANSACTION-API_1.2_SPEC	632
JCIP ANNOTATIONS UNDER APACHE LICENSE.....	637
JCODINGS.....	640
JDO API.....	641
JDO API.....	644
JERSEY-CLIENT.....	648
JERSEY-CONTAINER-SERVLET-CORE	652
JERSEY-CORE	658
JERSEY-CORE-CLIENT	663
JERSEY-CORE-COMMON	668
JERSEY-CORE-SERVER	674
JERSEY-GUICE.....	680
JERSEY-JSON	685
JERSEY-MEDIA-JAXB.....	689
JERSEY-REPACKAGED-GUAVA.....	695
JERSEY-SERVER	701
JERSEY-SERVLET	706

JETTY (::APACHE JSP IMPLEMENTATION, ::HTTP UTILITY, ::JAAS, ::JNDI NAMING, ::PLUS, ::RUNNER, ::SERVLET ANNOTATIONS, :: WEBSOCKET::API, ::WEBSOCKET::CLIENT, ::WEBSOCKET::COMMON, ::WEBSOCKET::SERVER::, WEBSOCKET::SERVLET INTERFACE)	710
JETTY (:: CONTINUATION, ::HTTP UTILITY, :: IO UTILITY, ::SCHEMAS, ::SECURITY, :: SERVER CORE, ::SERVLETS HANDLING, ::UTILITIES, ::WEBAPP APPLICATION SUPPORT, ::XMLUTILITIES)	714
JETTY :: SCHEMAS	717
JETTY (:: UTILITIES, ::AJAX JSON)	720
JLINE	723
JODA-TIME	724
JONI	727
JPAM	728
JSCH	731
JSON SMALL AND FAST PARSER	731
JSON WEB TOKEN SUPPORT FOR THE JVM	735
JSON-IO	738
JSP IMPLEMENTATION	741
JSR311-API	746
JTWIG-CORE	752
JTWIG-REFLECTION	755
JTWIG-SPRING	758
JTWIG-WEB	762
JUL TO SLF4J BRIDGE	765
JUNIVERSALCHARDET	765
JVM INTEGRATION FOR METRICS	773
KERB SIMPLE KDC	776
KERBY ASN1 PROJECT	779
KERBY CONFIG	783
KERBY PKIX PROJECT	786

KERBY UTIL.....	789
KERBY XDR PROJECT	792
KERBY-KERB ADMIN.....	795
KERBY-KERB CLIENT	798
KERBY-KERB COMMON.....	801
KERBY-KERB CORE	805
KERBY-KERB CRYPTO	808
KERBY-KERB IDENTITY.....	811
KERBY-KERB SERVER	814
KERBY-KERB UTIL	817
LEVELDBJNI-ALL	820
MCHANGE-COMMONS-JAVA	821
METRICS CORE.....	824
NETTY.....	828
NETTY/ALL-IN-ONE	831
NETTY/BUFFER.....	834
NETTY/COMMON	837
NOT YET COMMONS SSL	840
OKHTTP	843
OKIO.....	846
OLD JAXB CORE.....	850
OLD JAXB RUNTIME	855
OPEN JSON.....	861
OPENCSV.....	864
ORC CORE	867
ORC SHIMS.....	870
OSGI RESOURCE LOCATOR	873
PARAMER CORE	878

PARBOILED-CORE.....	879
PARBOILED-JAVA	882
PROTOCOL BUFFERS [CORE].....	885
QUARTZ.....	886
SERVICELOCATOR DEFAULT IMPLEMENTATION	889
SLF4J API MODULE.....	895
SNAKEYAML	895
SNAPPY-JAVA	899
SPRING AOP	902
SPRING ASPECTS	905
SPRING BEANS	908
SPRING CONTEXT	911
SPRING CONTEXT SUPPORT.....	914
SPRING CORE	917
SPRING DATA CORE	921
SPRING DATA JPA.....	924
SPRING EXPRESSION LANGUAGE (SPEL).....	927
SPRING INTEGRATION CORE.....	930
SPRING INTEGRATION HTTP SUPPORT	933
SPRING JDBC	936
SPRING OBJECT/RELATIONAL MAPPING	939
SPRING SECURITY KERBEROS CORE.....	943
SPRING SECURITY KERBEROS WEB	946
SPRING SECURITY SAML V2 LIBRARY	949
SPRING TESTCONTEXT FRAMEWORK	952
SPRING TRANSACTION.....	955
SPRING WEB	958
SPRING WEB MVC.....	961

SPRING WEBSOCKET	965
SPRING-LDAP-CORE	968
SPRING-SECURITY-CONFIG	971
SPRING-SECURITY-CORE	974
SPRING-SECURITY-LDAP	977
SPRING-SECURITY-WEB	980
SQLLINE.....	983
STAX2 API.....	984
TEPHRA API.....	985
TEPHRA CORE	988
TEPHRA HBASE 1.0 COMPATIBILITY	991
TOKEN PROVIDER	994
TWILIO SENDGRID JAVA HELPER LIBRARY	997
UNIVOCITY-PARSERS.....	998
WOODSTOX	1001
XML COMMONS EXTERNAL COMPONENTS XML APIS.....	1004
XML COMMONS EXTERNAL COMPONENTS XML APIS EXTENSIONS.....	1007
XML COMPATIBILITY EXTENSIONS FOR JACKSON	1011
XMLBEANS	1014
XMLTOOLING-J	1017
ZT ZIP.....	1020
APACHE COMMONS DAEMON	1023
OPEN XES	1027
OPENWS.....	1035
OPENSAML J.....	1038
SPEX	1041
ECLIPSE XBASE RUNTIME LIBRARY	1048
ECLIPSE XTEND ACTIVE ANNOTATIONS LIBRARY	1054

ECLIPSE XTEND RUNTIME LIBRARY	1060
ZEROG-GRISU	1066
THREADING BUILDING BLOCKS	1066
APACHE ARROW	1071
BOOST	1082
BZIP2/LIBZIP2.....	1082
CRYPTO++	1083
LIBXLSXWRITER.....	1089
OPENTRACING API FOR C++	1092
PARQUET-CPP	1096
SKA_FLAT_HASH_MAP	1103
SNAPPY	1103
SPDLOG	1104
APACHE THRIFT.....	1105
ZLIB DATA COMPRESSION LIBRARY	1110
MURMURHASH2.....	1111
RCLIENT.....	1112
ACE (AJAX.ORG CLOUD9 EDITOR).....	1116
ANGULAR	1117
ANGULAR FILE UPLOAD	1117
ANGULAR FILE UPLOAD SHIM	1118
ANGULAR SANITIZE.....	1118
ANGULAR SORTABLE VIEW.....	1119
ANGULAR TRANSLATE	1120
ANGULAR TRANSLATE LOADER PARTIAL.....	1120
ANGULAR TRANSLATE LOADER STATIC FILES	1121
ANGULAR UI ACE	1121
ANGULAR UI ROUTER	1122

D3.....	1122
JQUERY.....	1123
JQUERY MOUSEWHEEL.....	1124
LODASH.....	1125
MODERNIZR.....	1126
MOMENT.....	1126
NGREACT.....	1127
REACT-BOWER.....	1128
FREEZER.....	1128
DATA TABLES.....	1129
TWIG.JS.....	1130
BPMN-JS.....	1130
CHROMA.JS.....	1131
FILESaver.JS.....	1131
LEAFLET.....	1132
LEAFLET.MARKERCLUSTER.....	1133
NG-DEVICE-DETECTOR.....	1133
DOMPURIFY.....	1134
LAUNCH4J (HTTP://LAUNCH4J.SOURCEFORGE.NET/)... ..	1134
APACHE COMMONS DAEMON.....	1135
WINSW.....	1139
LOGBACK CLASSIC MODULE.....	1140
LOGBACK CORE MODULE.....	1146
JAVA-DOGSTATSD-CLIENT.....	1151
CLASSMATE.....	1152
JACKSON-ANNOTATIONS.....	1157
JACKSON DATATYPE: JDK8.....	1161
JACKSON-MODULE-PARAMETER-NAMES.....	1166

JFFI	1170
JNR-CONSTANTS	1175
JNR-ENXIO.....	1179
JNR-FFI	1184
JNR-POSIX	1188
JNR-UNIXSOCKET	1192
JNR-X86ASM	1196
OWASP JAVA HTML SANITIZER.....	1197
MICROSOFT JDBC DRIVER FOR SQL SERVER.....	1202
NIMBUS JOSE+JWT	1203
JAVAMAIL API	1207
JAXB RI	1214
JSON LIBRARY FROM ANDROID SDK.....	1220
COM.WARRENSTRANGE:GOOGLEAUTH.....	1225
APACHE COMMONS DBUTILS.....	1226
MICROMETER-CORE	1230
OPENTRACING API	1235
OPENTRACING-NOOP	1239
OPENTRACING-UTIL.....	1244
JSR-250 COMMON ANNOTATIONS FOR THE JAVATM PLATFORM	1248
CDI APIS	1257
JAXB API BUNDLE FOR GLASSFISH V3.....	1261
STREAMING API FOR XML.....	1268
LOGSTASH LOGBACK ENCODER.....	1276
APACHE COMMONS EMAIL	1280
TOKEN PROVIDER	1285
APACHE LOG4J API.....	1289
APACHE LOG4J TO SLF4J ADAPTER.....	1294

MAVEN ARTIFACT	1298
MAVEN MODEL.....	1303
MAVEN PLUGIN API	1307
TOMCAT-EMBED-CORE	1312
TOMCAT-EMBED-EL.....	1316
TOMCAT-EMBED-WEBSOCKET	1321
ZOOKEEPER.....	1325
BOUNCY CASTLE PROVIDER.....	1330
COMMONS-COMPILER	1331
JANINO.....	1332
ANIMAL SNIFFER ANNOTATIONS	1333
PLEXUS CLASSWORLDS	1334
PLEXUS :: COMPONENT ANNOTATIONS.....	1338
PLEXUS COMMON UTILITIES	1343
STAX2 API.....	1347
AETHER API	1348
AETHER UTILITIES	1354
ORG.ECLIPSE.SISU.INJECT	1360
ORG.ECLIPSE.SISU.PLEXUS.....	1366
FLYWAY-CORE.....	1371
APACHE FREEMARKER	1376
HDRHISTOGRAM.....	1380
HIBERNATE VALIDATOR ENGINE	1383
JACOCO :: AGENT.....	1387
INTELLIJ IDEA ANNOTATIONS	1393
LATENCYUTILS.....	1398
ASM.....	1400
ASM COMMONS.....	1401

POSTGRESQL JDBC DRIVER - JDBC 4.2	1402
PROJECT LOMBOK	1403
SCALA LIBRARY.....	1404
JCL 1.1.1 IMPLEMENTED OVER SLF4J	1405
SLF4J LOG4J-12 BINDING	1406
SPRING COMMONS LOGGING BRIDGE	1407
SPRING BOOT.....	1412
SPRING BOOT ACTUATOR.....	1416
SPRING BOOT ACTUATOR AUTOCONFIGURE	1421
SPRING BOOT AUTOCONFIGURE	1425
SPRING BOOT CONFIGURATION METADATA	1430
SPRING BOOT PROPERTIES MIGRATOR.....	1434
SPRING BOOT STARTER	1439
SPRING BOOT ACTUATOR STARTER	1443
SPRING BOOT JDBC STARTER	1448
SPRING BOOT JSON STARTER	1452
SPRING BOOT LOGGING STARTER	1457
SPRING BOOT SECURITY STARTER.....	1461
SPRING BOOT TOMCAT STARTER	1466
SPRING BOOT WEB STARTER.....	1470
JSP-API	1475

REVISION HISTORY

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1.0	APRIL 06, 2019	Initial version for application version 4.5
1.1	JULY 08, 2020	Updated version for application version 4.6

INTRODUCTION

ABOUT THIS GUIDE

Celonis is a powerful software for retrieving, visualizing, and analyzing real as-is business processes from transactional data based on event information. It provides users with the possibility to create and share comprehensive process analyses giving them full transparency about the business processes at hand.

This document describes the used open source documents for SAP Process Mining by Celonis 4.6 including the used version and the license text. The licenses text is also available in the installation folder of the application.

TARGET AUDIENCE

This guide is meant to be consulted by the following target audiences:

- System Administrators
- Technical Staff

OPEN SOURCE LIBRARIES

A SIMPLE HTTP CLIENT

2.3.2

URL: <https://github.com/sendgrid/java-http-client>

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AIRCOMPRESSOR

0.10

URL: <http://github.com/airlift/aircompressor>

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Version 2.0, January 2004

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ANIMAL SNIFFER ANNOTATIONS

1.18

URL: <https://github.com/mojohaus/animal-sniffer>

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ANTLR

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ANTLR 3 RUNTIME

3.5.2

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1.0

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2.5.0-b32

URL: <https://github.com/eclipse-ee4j/glassfish-hk2>

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9.3.20.v20170531

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1.19 & 1.18

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2.0.0-alpha4

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2.0.0-alpha4

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2.0.0-alpha4

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2.0.0-alpha4

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APACHE HBASE PATCHED AND RELOCATED (SHADED) PROTOBUF

1.0.1

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APACHE HTTPCLIENT

4.5.5 & 4.5.6

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APACHE HTTPCLIENT FLUENT API

4.5.2

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APACHE HTTPCLIENT MIME

4.5

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APACHE HTTPCORE

4.4.4 & 4.4.9

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1.2.17

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APACHE LOG4J 1.X COMPATIBILITY API

2.10.0

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APACHE LOG4J API

2.10.0

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APACHE LOG4J CORE

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APACHE STANDARD TAGLIB IMPLEMENTATION

1.2.5

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1.2.5

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0.9.3

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1.22

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1.7

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APACHE ZOOKEEPER - SERVER

3.4.10

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ARROW FORMAT

0.8.0

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ASM

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ASM BASHHELPER USED BY JSON-SMART

1.2

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ASM-ANALYSIS

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1.7.4 & 1.9.2

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1.8.9 & 1.9.2

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BATIK-CSS

1.8

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BATIK-EXT

1.8

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BATIK-UTIL

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0.8.0.RELEASE

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C3P0

0.9.5.4

URL: <https://github.com/swaldman/c3p0>

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COMMONS LANG

2.6

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COMMONS POOL

1.5.4 & 1.6

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COMPRESS-LZF

1.0.4

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CONCURRENTLINKEDHASHMAP

1.4.2

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2.13.0

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CURVESAPI

1.06

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3.3.6

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2.1.7

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4.4.2

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EHCACHE

3.3.1

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2.6.9

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2.3.2

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ESAPI

2.1.0.1

URL: https://www.owasp.org/index.php/Category:OWASP_Enterprise_Security_API

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3.0.1-b11

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FLATBUFFERS JAVA API

1.2.0-3f79e055

URL: <https://github.com/vy/flatbuffers>

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FST

2.50

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GOOGLE GUICE - EXTENSIONS - SERVLET

4.0

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GSON

2.2.4 & 2.8.5

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1.0.1

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14.0.1 & 28.1-jre & 28.0-jre

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HADOOP METRICS2 REPORTER FOR DROPWIZARD METRICS

0.1.2

URL: <https://github.com/joshelser/dropwizard-hadoop-metrics2>

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2.7.4 & 2.4.13 & 3.4.2

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HK2 API MODULE

2.5.0-b32

URL: <https://github.com/eclipse-ee4j/glassfish-hk2>

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HK2 IMPLEMENTATION UTILITIES

2.5.0-b32

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0.7.2

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HTRACE-CORE

3.2.0-incubating

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3.1

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HYPERSQL DATABASE

2.5.0

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1.0.2

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J2OBJC ANNOTATIONS

1.3

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1.9.13

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JACKSON DATATYPE: JSR310

2.11.1 & 2.9.9

URL: <http://github.com/FasterXML/jackson-modules-java8>

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JACKSON INTEGRATION FOR METRICS

3.1.0

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JACKSON MODULE: JAXB ANNOTATIONS

2.11.1

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2.11.1

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JACKSON-DATAFORMAT-CSV

2.11.1

URL: <https://github.com/FasterXML/jackson-dataformats-text>

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JACKSON-DATAFORMAT-XML

2.11.1

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JACKSON-DATAFORMAT-YAML

2.9.8 & 2.11.1

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JACKSON-JAXRS-BASE

2.9.8

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JAKARTA ACTIVATION API JAR

1.2.1

URL: <https://github.com/eclipse-ee4j/jaf>

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#-----#

JAKARTA.XML.BIND:JAKARTA.XML.BIND-API

2.3.2

URL: <https://github.com/eclipse-ee4j/jaxb-api.git>

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JAVA ANNOTATION INDEXER

1.1.0.Final

URL: <http://github.com/jboss/jboss-parent-pom>

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JAVA DBF READER

0.0.3

URL: <http://github.com/jamel/dbf>

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JAVA PERSISTENCE API, VERSION 2.1

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JAVA SERVLET API

3.1.0

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JAVA TRANSACTION API

1.1

URL: <http://java.sun.com/products/jta>

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1.9.0

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1.1.1 & 1.1

URL: <http://java.sun.com/javase/technologies/desktop/javabeans/jaf/index.jsp>

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JavaMail API (compat)

1.4.3

URL: <http://kenai.com/hg/javamail~mercurial>

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3.18.1-GA

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JAVAX.INJECT

org.glassfish.hk2.external:javax.inject

2.5.0-b32

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JAVAX.WS.RS-API

2.0.1

URL: <https://github.com/eclipse-ee4j/jaxrs-api>

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5.5.1

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1.9.2

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JAXB-API

2.2.11

URL: <https://github.com/javaee/jaxb-spec.git>

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JCODINGS

1.0.18

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3.0.1

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JDO API

3.2.0-m3

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JERSEY-CONTAINER-SERVLET-CORE

2.25.1

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JERSEY-CORE-COMMON

2.25.1

URL: <https://github.com/eclipse-ee4j/jersey>

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JERSEY-MEDIA-JAXB

2.25.1

URL: <https://github.com/eclipse-ee4j/jersey>

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2.25.1

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JETTY :: SCHEMAS

3.1

URL: <https://github.com/eclipse/jetty.toolchain/tree/master/jetty-schemas>

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9.3.24.v20180605

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JLINE

0.9.94

URL: <http://github.com/jline/jline2>

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2.3 & 2.9.9

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JONI

2.1.11

URL: <https://github.com/jruby/joni>

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JPAM

1.1

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JSCH

0.1.54

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2.3

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JSON WEB TOKEN SUPPORT FOR THE JVM

0.9.0

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JSON-IO

2.5.1

URL: <https://github.com/jdereg/json-io>

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JSP IMPLEMENTATION

2.3.2

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JSR311-API

1.1.1

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3.1.0

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KERB SIMPLE KDC

1.0.1

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KERBY CONFIG

1.0.1

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1.0.1

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LEVELDBJNI-ALL

1.8

URL: <https://github.com/fusesource/leveldbjni>

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MCHANGE-COMMONS-JAVA

0.2.15

URL: <https://github.com/swaldman/mchange-commons-java>

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3.1.0

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NETTY/ALL-IN-ONE

4.1.17.Final

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NETTY/BUFFER

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OKHTTP

2.7.5

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OKIO

1.6.0

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OLD JAXB CORE

2.2.11

URL: <https://github.com/eclipse-ee4j/jaxb-ri.git>

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OLD JAXB RUNTIME

2.2.11

URL: <https://github.com/eclipse-ee4j/jaxb-ri.git>

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OPEN JSON

1.8

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1.5.6

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ORC SHIMS

1.5.6

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1.0.1

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PARANAMER CORE

2.3

URL: <https://github.com/paul-hammant/paranamer>

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PROTOCOL BUFFERS [CORE]

3.5.0

URL: <https://github.com/protocolbuffers/protobuf>

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QUARTZ

2.3.2

URL: <https://github.com/quartz-scheduler/quartz>

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SERVICELocator DEFAULT IMPLEMENTATION

2.5.0-b32

URL: <https://github.com/eclipse-ee4j/glassfish-hk2>

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SLF4J API MODULE

1.7.12

URL: <http://www.slf4j.org>

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SNAKEYAML

1.26

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SNAPPY-JAVA

1.1.2.6

URL: <https://github.com/xerial/snappy-java>

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SPRING AOP

4.3.22.RELEASE & 4.3.27.RELEASE & 5.1.8.RELEASE

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SPRING ASPECTS

4.3.27.RELEASE

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SPRING BEANS

4.3.22.RELEASE & 4.3.27.RELEASE & 5.1.8.RELEASE

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4.3.22.RELEASE & 4.3.27.RELEASE & 5.1.8.RELEASE

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4.3.27.RELEASE

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SPRING CORE

4.3.22.RELEASE & 4.3.27.RELEASE & 5.1.8.RELEASE

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1.13.23.RELEASE

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1.11.23.RELEASE

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SPRING INTEGRATION HTTP SUPPORT

2.1.0.RELEASE

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SPRING JDBC

4.3.27.RELEASE & 5.1.8.RELEASE

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SPRING OBJECT/RELATIONAL MAPPING

4.3.27.RELEASE

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1.0.1.RELEASE

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1.0.1.RELEASE

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1.0.2.RELEASE

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SPRING TESTCONTEXT FRAMEWORK

4.3.27.RELEASE & 5.1.8.RELEASE

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4.3.27.RELEASE & 5.1.8.RELEASE

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SPRING WEB

4.3.27.RELEASE & 5.1.8.RELEASE

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SPRING WEB MVC

4.3.27.RELEASE 5.1.8.RELEASE

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SPRING WEBSOCKET

5.1.8.RELEASE

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2.3.2.RELEASE

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4.2.17.RELEASE & 5.1.5.RELEASE

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4.2.17.RELEASE & 5.1.5.RELEASE

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SQLLINE

1.3.0

URL: <https://github.com/julianhyde/sqlline>

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STAX2 API

4.2.1

URL: <http://github.com/FasterXML/stax2-api>

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TEPHRA API

0.6.0

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TEPHRA CORE

0.6.0

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TEPHRA HBASE 1.0 COMPATIBILITY

0.6.0

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TOKEN PROVIDER

1.0.1

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3.0.4

URL: <https://github.com/sendgrid/sendgrid-java>

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UNIVOCITY-PARSERS

2.6.3

URL: <http://github.com/univocity/univocity-parsers>

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WOODSTOX

6.2.1 & 5.0.3

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XML COMPATIBILITY EXTENSIONS FOR JACKSON

1.9.2

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XMLBEANS

3.1.0

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XMLTOOLING-J

1.4.4

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ZT ZIP

1.13

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2.6.6

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SPEX

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BZIP2/LIBZIP2

1.0.6

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Julian Seward, jseward@bzip.org
 bzip2/libbzip2 version 1.0.6 of 6 September 2010

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CRYPTO++

7.0.0

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0.8.2

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SKA_FLAT_HASH_MAP

20181100

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RCLIENT

RClient: A C++ client to connect to RServe.

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DOMPURIFY

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LOGBACK CLASSIC MODULE

1.2.3

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LOGBACK CORE MODULE

1.2.3

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JAVA-DOGSTATSD-CLIENT

2.8

<https://github.com/DataDog/java-dogstatsd-client>

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CLASSMATE

1.3.4

<http://github.com/FasterXML/java-classmate>

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JACKSON-ANNOTATIONS

2.11.1

<http://github.com/FasterXML/jackson>

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JACKSON DATATYPE: JDK8

2.9.9

<https://github.com/FasterXML/jackson-modules-java8/jackson-datatype-jdk8>

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JACKSON-MODULE-PARAMETER-NAMES

2.9.9

<https://github.com/FasterXML/jackson-modules-java8/jackson-module-parameter-names>

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[JFFI](#)

1.2.15

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JNR-CONSTANTS

0.9.8

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[JNR-ENXIO](#)

0.16

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JNR-FFI

2.1.4

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JNR-POSIX

3.0.35

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JNR-UNIXSOCKET

0.18

<http://github.com/jnr/jnr-unixsocket>

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JNR-X86ASM

1.0.2

<http://github.com/jnr/jnr-x86asm>

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OWASP JAVA HTML SANITIZER

20180219.1

<https://github.com/OWASP/java-html-sanitizer/owasp-java-html-sanitizer>

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MICROSOFT JDBC DRIVER FOR SQL SERVER

7.4.1.jre11

<https://github.com/Microsoft/mssql-jdbc>

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NIMBUS JOSE+JWT

4.41.1

<https://bitbucket.org/connect2id/nimbus-jose-jwt>

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JAVAMAIL API

1.5.6

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JAXB RI

2.2.3-1

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1.1.5

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0.31.0

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1.0

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JAXB API BUNDLE FOR GLASSFISH V3

2.2.2

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STREAMING API FOR XML

1.0-2

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LOGSTASH LOGBACK ENCODER

5.1

<https://github.com/logstash/logstash-logback-encoder>

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2.11.2 & 1.2.16

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APACHE LOG4J TO SLF4J ADAPTER

2.11.2

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3.5.4

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3.5.4

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3.5.4

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COMMONS-COMPILER

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[STAX2 API](#)

3.1.4

<http://wiki.fasterxml.com/WoodstoxStax2>

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AETHER API

1.1.0

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HDRHISTOGRAM

2.1.9

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2.0.3

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42.2.6

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JCL 1.1.1 IMPLEMENTED OVER SLF4J

1.7.21

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5.1.8.RELEASE

<https://github.com/spring-projects/spring-framework>

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SPRING BOOT

2.1.6.RELEASE

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2.1.6.RELEASE

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SPRING BOOT AUTOCONFIGURE

2.1.6.RELEASE

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2.1.6.RELEASE

<https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-tools/spring-boot-configuration-metadata>

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2.1.6.RELEASE

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SPRING BOOT STARTER

2.1.6.RELEASE

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SPRING BOOT ACTUATOR STARTER

2.1.6.RELEASE

<https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-starters/spring-boot-starter-actuator>

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SPRING BOOT JDBC STARTER

2.1.6.RELEASE

<https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-starters/spring-boot-starter-jdbc>

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SPRING BOOT JSON STARTER

2.1.6.RELEASE

<https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-starters/spring-boot-starter-json>

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SPRING BOOT LOGGING STARTER

2.1.6.RELEASE

<https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-starters/spring-boot-starter-logging>

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SPRING BOOT SECURITY STARTER

2.1.6.RELEASE

<https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-starters/spring-boot-starter-security>

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SPRING BOOT TOMCAT STARTER

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2.1.6.RELEASE

<https://projects.spring.io/spring-boot/#/spring-boot-parent/spring-boot-starters/spring-boot-starter-web>

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2.1

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