

# Hitachi Content Intelligence

## v2.1.0

Contact Information :  
Product Manager  
HCI  
Hitachi Vantara LLC  
2535 Augustine Dr.  
Santa Clara CA 95054

Component	Version	License	Modified
"Java Concurrency in Practice" book annotations	1	Creative Commons Attribution 2.5	
ACL	2.2.53	GNU Lesser General Public License v2.1 only	
ASM	5.0.3	BSD 3-clause "New" or "Revised" License	
ASM	6.2.1	BSD 3-clause "New" or "Revised" License	
ASM	8.0.1	BSD 3-clause "New" or "Revised" License	
ASM Commons	5.0.2	BSD 3-clause "New" or "Revised" License	
ASM Util	5.0.3	BSD 3-clause "New" or "Revised" License	
ASM Util	6.2.1	BSD 3-clause "New" or "Revised" License	
ASM XML	5.0.2	BSD 3-clause "New" or "Revised" License	
ASM based accessors helper used by json-smart	1.1	Apache License 2.0	
ASN.1 library for Python	0.3.7	BSD 3-clause "New" or "Revised" License	
AWS Java SDK for AWS Amplify	1.11.526	Apache License 2.0	
AWS Java SDK for AWS App Mesh	1.11.528	Apache License 2.0	
AWS Java SDK for AWS AppSync	1.11.506	Apache License 2.0	
AWS Java SDK for AWS Application Auto Scaling	1.11.511	Apache License 2.0	
AWS Java SDK for AWS Application Discovery Service	1.11.532	Apache License 2.0	
AWS Java SDK for AWS Auto Scaling Plans	1.11.594	Apache License 2.0	
AWS Java SDK for AWS Backup	1.11.484	Apache License 2.0	
AWS Java SDK for AWS Batch	1.11.524	Apache License 2.0	
AWS Java SDK for AWS Budgets	1.11.493	Apache License 2.0	
AWS Java SDK for AWS Certificate Manager	1.11.576	Apache License 2.0	

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AWS Java SDK for AWS Certificate Manager Private Certificate Authority	1.11.522	Apache License 2.0	
AWS Java SDK for AWS Cloud9	1.11.523	Apache License 2.0	
AWS Java SDK for AWS CloudFormation	1.11.477	Apache License 2.0	
AWS Java SDK for AWS CloudHSM V2	1.11.594	Apache License 2.0	
AWS Java SDK for AWS CloudTrail	1.11.460	Apache License 2.0	
AWS Java SDK for AWS Code Build	1.11.515	Apache License 2.0	
AWS Java SDK for AWS CodeCommit	1.11.510	Apache License 2.0	
AWS Java SDK for AWS CodeDeploy	1.11.461	Apache License 2.0	
AWS Java SDK for AWS CodePipeline	1.11.524	Apache License 2.0	
AWS Java SDK for AWS CodeStar	1.11.619	Apache License 2.0	
AWS Java SDK for AWS Comprehend Medical	1.11.502	Apache License 2.0	
AWS Java SDK for AWS Config	1.11.528	Apache License 2.0	
AWS Java SDK for AWS Cost Explorer	1.11.506	Apache License 2.0	
AWS Java SDK for AWS Cost and Usage Report	1.11.576	Apache License 2.0	
AWS Java SDK for AWS Data Pipeline	1.11.494	Apache License 2.0	
AWS Java SDK for AWS DataSync	1.11.529	Apache License 2.0	
AWS Java SDK for AWS Database Migration Service	1.11.579	Apache License 2.0	
AWS Java SDK for AWS Device Farm	1.11.526	Apache License 2.0	
AWS Java SDK for AWS Direct Connect	1.11.529	Apache License 2.0	
AWS Java SDK for AWS Directory Service	1.11.586	Apache License 2.0	
AWS Java SDK for AWS Elastic Beanstalk	1.11.575	Apache License 2.0	
AWS Java SDK for AWS Elemental MediaConvert	1.11.533	Apache License 2.0	
AWS Java SDK for AWS Elemental MediaLive	1.11.533	Apache License 2.0	
AWS Java SDK for AWS Elemental MediaPackage	1.11.528	Apache License 2.0	

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Component	Version	License	Modified
AWS Java SDK for AWS Elemental MediaStore	1.11.578	Apache License 2.0	
AWS Java SDK for AWS Elemental MediaStore Data Plane	1.11.466	Apache License 2.0	
AWS Java SDK for AWS GameLift	1.11.522	Apache License 2.0	
AWS Java SDK for AWS Global Accelerator	1.11.509	Apache License 2.0	
AWS Java SDK for AWS Glue	1.11.531	Apache License 2.0	
AWS Java SDK for AWS Greengrass	1.11.575	Apache License 2.0	
AWS Java SDK for AWS Health APIs and Notifications	1.11.467	Apache License 2.0	
AWS Java SDK for AWS IAM	1.11.531	Apache License 2.0	
AWS Java SDK for AWS Import/Export	1.11.582	Apache License 2.0	
AWS Java SDK for AWS IoT	1.11.596	Apache License 2.0	
AWS Java SDK for AWS IoT 1-Click Devices	1.11.525	Apache License 2.0	
AWS Java SDK for AWS IoT 1-Click Projects	1.11.575	Apache License 2.0	
AWS Java SDK for AWS IoT Analytics	1.11.529	Apache License 2.0	
AWS Java SDK for AWS IoT Jobs Data Plane	1.11.599	Apache License 2.0	
AWS Java SDK for AWS KMS	1.11.490	Apache License 2.0	
AWS Java SDK for AWS Lambda	1.11.469	Apache License 2.0	
AWS Java SDK for AWS Lex	1.11.499	Apache License 2.0	
AWS Java SDK for AWS License Manager	1.11.591	Apache License 2.0	
AWS Java SDK for AWS Marketplace Commerce Analytics	1.11.462	Apache License 2.0	
AWS Java SDK for AWS Marketplace Entitlement	1.11.606	Apache License 2.0	
AWS Java SDK for AWS Marketplace Metering Service	1.11.525	Apache License 2.0	
AWS Java SDK for AWS MediaConnect	1.11.490	Apache License 2.0	
AWS Java SDK for AWS MediaTailor	1.11.523	Apache License 2.0	
AWS Java SDK for AWS Migration Hub	1.11.516	Apache License 2.0	
AWS Java SDK for AWS Mobile	1.11.613	Apache License 2.0	

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Component	Version	License	Modified
AWS Java SDK for AWS OpsWorks	1.11.463	Apache License 2.0	
AWS Java SDK for AWS OpsWorks for Chef Automate	1.11.469	Apache License 2.0	
AWS Java SDK for AWS Organizations	1.11.475	Apache License 2.0	
AWS Java SDK for AWS Performance Insights	1.11.531	Apache License 2.0	
AWS Java SDK for AWS Pricing	1.11.531	Apache License 2.0	
AWS Java SDK for AWS RDS Data	1.11.480	Apache License 2.0	
AWS Java SDK for AWS Resource Access Manager	1.11.576	Apache License 2.0	
AWS Java SDK for AWS Resource Groups	1.11.504	Apache License 2.0	
AWS Java SDK for AWS Resource Groups Tagging API	1.11.457	Apache License 2.0	
AWS Java SDK for AWS RoboMaker	1.11.532	Apache License 2.0	
AWS Java SDK for AWS S3 Control	1.11.468	Apache License 2.0	
AWS Java SDK for AWS STS	1.11.509	Apache License 2.0	
AWS Java SDK for AWS Secrets Manager	1.11.591	Apache License 2.0	
AWS Java SDK for AWS SecurityHub	1.11.533	Apache License 2.0	
AWS Java SDK for AWS Server Migration	1.11.597	Apache License 2.0	
AWS Java SDK for AWS Service Catalog	1.11.530	Apache License 2.0	
AWS Java SDK for AWS Shield	1.11.515	Apache License 2.0	
AWS Java SDK for AWS Signer	1.11.515	Apache License 2.0	
AWS Java SDK for AWS Step Functions	1.11.508	Apache License 2.0	
AWS Java SDK for AWS Storage Gateway	1.11.529	Apache License 2.0	
AWS Java SDK for AWS Support	1.11.590	Apache License 2.0	
AWS Java SDK for AWS Transfer for SFTP	1.11.531	Apache License 2.0	
AWS Java SDK for AWS WAF	1.11.499	Apache License 2.0	
AWS Java SDK for AWS X-Ray	1.11.498	Apache License 2.0	
AWS Java SDK for AWSServerlessApplicationRepository	1.11.581	Apache License 2.0	

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AWS Java SDK for Alexa For Business	1.11.516	Apache License 2.0	
AWS Java SDK for Amazon API Gateway	1.11.466	Apache License 2.0	
AWS Java SDK for Amazon AppStream	1.11.516	Apache License 2.0	
AWS Java SDK for Amazon Athena	1.11.608	Apache License 2.0	
AWS Java SDK for Amazon Chime	1.11.525	Apache License 2.0	
AWS Java SDK for Amazon CloudDirectory	1.11.528	Apache License 2.0	
AWS Java SDK for Amazon CloudFront	1.11.509	Apache License 2.0	
AWS Java SDK for Amazon CloudSearch	1.11.497	Apache License 2.0	
AWS Java SDK for Amazon CloudWatch	1.11.575	Apache License 2.0	
AWS Java SDK for Amazon CloudWatch Events	1.11.530	Apache License 2.0	
AWS Java SDK for Amazon CloudWatch Logs	1.11.522	Apache License 2.0	
AWS Java SDK for Amazon Cognito Identity	1.11.524	Apache License 2.0	
AWS Java SDK for Amazon Cognito Identity Provider Service	1.11.528	Apache License 2.0	
AWS Java SDK for Amazon Cognito Sync	1.11.619	Apache License 2.0	
AWS Java SDK for Amazon Comprehend	1.11.531	Apache License 2.0	
AWS Java SDK for Amazon Connect	1.11.524	Apache License 2.0	
AWS Java SDK for Amazon Data Lifecycle Manager	1.11.518	Apache License 2.0	
AWS Java SDK for Amazon DocumentDB with MongoDB compatibility	1.11.498	Apache License 2.0	
AWS Java SDK for Amazon DynamoDB	1.11.492	Apache License 2.0	
AWS Java SDK for Amazon DynamoDB Accelerator (DAX)	1.11.453	Apache License 2.0	
AWS Java SDK for Amazon EC2	1.11.533	Apache License 2.0	
AWS Java SDK for Amazon EMR	1.11.531	Apache License 2.0	
AWS Java SDK for Amazon ElastiCache	1.11.458	Apache License 2.0	

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AWS Java SDK for Amazon Elastic Container Service for Kubernetes	1.11.521	Apache License 2.0	
AWS Java SDK for Amazon Elastic File System	1.11.514	Apache License 2.0	
AWS Java SDK for Amazon Elastic Transcoder	1.11.482	Apache License 2.0	
AWS Java SDK for Amazon Elasticsearch Service	1.11.578	Apache License 2.0	
AWS Java SDK for Amazon FSx	1.11.493	Apache License 2.0	
AWS Java SDK for Amazon Glacier	1.11.466	Apache License 2.0	
AWS Java SDK for Amazon GuardDuty	1.11.495	Apache License 2.0	
AWS Java SDK for Amazon Inspector Service	1.11.461	Apache License 2.0	
AWS Java SDK for Amazon Kinesis	1.11.475	Apache License 2.0	
AWS Java SDK for Amazon Kinesis Analytics	1.11.502	Apache License 2.0	
AWS Java SDK for Amazon Kinesis Video Streams Media	1.11.588	Apache License 2.0	
AWS Java SDK for Amazon Lex Model Building	1.11.584	Apache License 2.0	
AWS Java SDK for Amazon Lightsail	1.11.534	Apache License 2.0	
AWS Java SDK for Amazon Machine Learning	1.11.521	Apache License 2.0	
AWS Java SDK for Amazon Macie	1.11.488	Apache License 2.0	
AWS Java SDK for Amazon Mechanical Turk Requester	1.11.593	Apache License 2.0	
AWS Java SDK for Amazon Neptune	1.11.532	Apache License 2.0	
AWS Java SDK for Amazon Pinpoint	1.11.576	Apache License 2.0	
AWS Java SDK for Amazon Pinpoint Email	1.11.531	Apache License 2.0	
AWS Java SDK for Amazon Pinpoint SMS and Voice	1.11.605	Apache License 2.0	
AWS Java SDK for Amazon Polly	1.11.489	Apache License 2.0	
AWS Java SDK for Amazon QuickSight	1.11.587	Apache License 2.0	
AWS Java SDK for Amazon RDS	1.11.531	Apache License 2.0	
AWS Java SDK for Amazon Redshift	1.11.504	Apache License 2.0	
AWS Java SDK for Amazon Rekognition	1.11.530	Apache License 2.0	

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AWS Java SDK for Amazon Route 53 Auto Naming	1.11.611	Apache License 2.0	
AWS Java SDK for Amazon Route 53 Resolver	1.11.506	Apache License 2.0	
AWS Java SDK for Amazon Route53	1.11.486	Apache License 2.0	
AWS Java SDK for Amazon S3	1.11.531	Apache License 2.0	
AWS Java SDK for Amazon SES	1.11.462	Apache License 2.0	
AWS Java SDK for Amazon SNS	1.11.492	Apache License 2.0	
AWS Java SDK for Amazon SQS	1.11.515	Apache License 2.0	
AWS Java SDK for Amazon SWF	1.11.450	Apache License 2.0	
AWS Java SDK for Amazon SageMaker	1.11.534	Apache License 2.0	
AWS Java SDK for Amazon SageMaker Runtime	1.11.613	Apache License 2.0	
AWS Java SDK for Amazon SimpleDB	1.11.526	Apache License 2.0	
AWS Java SDK for Amazon Snowball	1.11.526	Apache License 2.0	
AWS Java SDK for Amazon Textract	1.11.527	Apache License 2.0	
AWS Java SDK for Amazon Transcribe	1.11.533	Apache License 2.0	
AWS Java SDK for Amazon Translate	1.11.474	Apache License 2.0	
AWS Java SDK for Amazon WorkDocs	1.11.602	Apache License 2.0	
AWS Java SDK for Amazon WorkLink	1.11.498	Apache License 2.0	
AWS Java SDK for Amazon WorkMail	1.11.499	Apache License 2.0	
AWS Java SDK for Amazon WorkSpaces	1.11.532	Apache License 2.0	
AWS Java SDK for AmazonApiGatewayManagementApi	1.11.527	Apache License 2.0	
AWS Java SDK for AmazonApiGatewayV2	1.11.512	Apache License 2.0	
AWS Java SDK for AmazonMQ	1.11.520	Apache License 2.0	
AWS Java SDK for Auto Scaling	1.11.453	Apache License 2.0	
AWS Java SDK for Elastic Load Balancing	1.11.468	Apache License 2.0	
AWS Java SDK for Elastic Load Balancing	1.11.577	Apache License 2.0	
AWS Java SDK for Firewall Management	1.11.616	Apache License 2.0	

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Component	Version	License	Modified
AWS Java SDK for Managed Streaming for Kafka	1.11.530	Apache License 2.0	
AWS Java SDK for the AWS CloudHSM	1.11.453	Apache License 2.0	
AWS Java SDK for the AWS Simple Systems Management (SSM) Service	1.11.516	Apache License 2.0	
AWS Java SDK for the Amazon EC2 Container Registry	1.11.533	Apache License 2.0	
AWS Java SDK for the Amazon EC2 Container Service	1.11.529	Apache License 2.0	
AWS SDK for Java - Core	1.11.529	Apache License 2.0	
AWS SDK for Java - Models	1.11.531	Apache License 2.0	
Advanced Linux Sound Architecture (ALSA)	1.1.9	GNU Lesser General Public License v2.1 only	
Antlr4.Runtime	4.5.2	BSD 3-clause "New" or "Revised" License	
Apache ActiveMQ	5.8.0	Apache License 2.0	
Apache CXF	3.3.6	Apache License 2.0	
Apache CXF	cxf-3.3.4	Apache License 2.0	
Apache Commons BeanUtils	1.9.3	Apache License 2.0	
Apache Commons CLI	1.3.1	Apache License 2.0	
Apache Commons CLI	1.4	Apache License 2.0	
Apache Commons CSV	commons-csv-1.8	Apache License 2.0	
Apache Commons Collections	3.2.2	Apache License 2.0	
Apache Commons Collections	4.4	Apache License 2.0	
Apache Commons Compress	1.17	Apache License 2.0	
Apache Commons Configuration	1.1	Apache License 2.0	
Apache Commons Daemon	1.0.15	Apache License 2.0	
Apache Commons Exec	1.3	Apache License 2.0	
Apache Commons Lang	2.6	Apache License 2.0	
Apache Commons Lang	3.2.1	Apache License 2.0	
Apache Commons Logging	1.1.2	Apache License 2.0	
Apache Commons Logging	1.1.3	Apache License 2.0	
Apache Commons Logging	1.2	Apache License 2.0	
Apache Commons Math	3.6.1	Apache License 2.0	
Apache Directory ASN.1 Shared	0.9.19	Apache License 2.0	



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Component	Version	License	Modified
Apache Directory LDAP API Client All	1.0.0-M32	Apache License 2.0	
Apache Hadoop	2.8.0	Apache License 2.0	
Apache Hadoop Annotations	2.9.2	Apache License 2.0	
Apache Hadoop Auth	2.8.0	Apache License 2.0	
Apache Hadoop HDFS Client	2.8.0	Apache License 2.0	
Apache HttpClient	4.5.13-talend	Apache License 2.0	
Apache HttpClient	4.5.5	Apache License 2.0	
Apache HttpComponents AsyncClient	4.1.3	Apache License 2.0	
Apache HttpComponents Core	4.4.9	Apache License 2.0	
Apache HttpMime	4.5.5	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 JAMES mime4j	0.8.3	Apache License 2.0	
Apache JempBox	1.8.16	Apache License 2.0	
Apache Kafka	1.1.0	Apache License 2.0	
Apache Log4J API	2.8.2	Apache License 2.0	
Apache Log4j	1.2.17	Apache License 2.0	
Apache Log4j to SLF4J Adapter	2.8.2	Apache License 2.0	
Apache Lucene	6.4.2	Apache License 2.0	
Apache MINA Core API	2.0.4	Apache License 2.0	
Apache Oltu - OAuth 2.0 - Authorization Server	1.0.1	Apache License 2.0	
Apache Oltu - OAuth 2.0 - Authorization Server	1.0.2	Apache License 2.0	
Apache Oltu - OAuth 2.0 - Common	1.0.0	Apache License 2.0	
Apache Oltu - OAuth 2.0 - Common	1.0.1	Apache License 2.0	
Apache PDFBox	2.0.19	Apache License 2.0	
Apache PDFBox tools	2.0.19	Apache License 2.0	
Apache POI	4.1.2-20200903124306_modified_talend	Apache License 2.0	
Apache POI: OOXML	4.1.2	Apache License 2.0	
Apache POI: OOXML-schemas	4.1.2	Apache License 2.0	
Apache Parquet Jackson	1.12.0	Apache License 2.0	
Apache Portable Runtime	1.6.5	Apache License 2.0	

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Apache SIS NetCDF storage	1	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 referencing	1	Apache License 2.0	
Apache SIS utilities	1	Apache License 2.0	
Apache Serf	1.3.9	Apache License 2.0	
Apache ServiceMix :: Bundles :: elasticsearch-client	5.3.2_2	Apache License 2.0	
Apache ServiceMix :: Bundles :: spring-beans	4.3.5.RELEASE_1	Apache License 2.0	
Apache ServiceMix :: Bundles :: spring-expression	4.3.3.RELEASE_1	Apache License 2.0	
Apache ServiceMix :: Bundles :: xercesImpl	2.10.0_1	Apache License 2.0	
Apache ServiceMix Bundles: xmlbeans-2.4.0	2.6.0_2	Apache License 2.0	
Apache Shiro	1.4.0	Apache License 2.0	
Apache Shiro :: Cache	1.4.0	Apache License 2.0	
Apache Shiro :: Configuration :: OGDLE	1.5.2	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 Shiro :: Lang	1.4.0	Apache License 2.0	
Apache Sling	2.7.12	Apache License 2.0	
Apache Solr Solrj	8.11.0	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	8.0.53	Apache License 2.0	
Apache Tomcat	9.0.10	Apache License 2.0	
Apache Tomcat	9.0.26	Apache License 2.0	
Apache Tomcat	9.0.27	Apache License 2.0	
Apache Tomcat	9.0.29	Apache License 2.0	
Apache Tomcat	9.0.30	Apache License 2.0	
Apache Tomcat Embed	9.0.21	Apache License 2.0	

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Apache Tomcat Embed	9.0.30	Apache License 2.0	
Apache Tomcat Native Library	1.2.21	Apache License 2.0	
Apache Xerces2 J	2.10.0	Apache License 2.0	
Apache Xerces2 J	2.12.0.wso2v1	Apache License 2.0	
Apache XmpBox	2.0.18	Apache License 2.0	
Apache ZooKeeper	3.4.12	Apache License 2.0	
Apache ZooKeeper	3.4.9	Apache License 2.0	
ApacheDS Core JNDI	1.5.7	Apache License 2.0	
ApacheDS Protocol Kerberos Shared	1.5.6	Apache License 2.0	
ApacheDS Protocol Kerberos Shared	1.5.7	Apache License 2.0	
Atlas :: Maven Project-Graph :: Identities Model	1.1.0	Apache License 2.0	
Atlassian HTTP Client, Apache HTTP components impl	1.0.1	Apache License 2.0	
Audit	2.8.1	GNU General Public License v2.0 only	
AutoGen: The Automated Program Generator	5.18.14	BSD 3-clause "New" or "Revised" License	
BASIL :: Server	0.8.0	Apache License 2.0	
Bash	4.4	GNU General Public License v3.0 only	
Berkeley DB	5.3.28	Sleepycat License	
Bouncy Castle	1.59	MIT License	
Bouncy Castle	1.64	MIT License	
Bouncy Castle	1.66	MIT License	
Bouncy Castle	1.68	MIT License	
Bouncy Castle JavaMail S/MIME APIs (FIPS Distribution)	1.0.3	MIT License	
Bouncy Castle OpenPGP API	1.71	Apache License 1.1	
Bouncy Castle OpenPGP APIs (FIPS Distribution)	1.0.6	MIT License	
Bouncy Castle PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs	1.59	MIT License	
Bouncy Castle PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs	1.68	MIT License	
Box Java SDK	2.40.0	Apache License 2.0	

Component	Version	License	Modified
Bundled Oracle Java JRE	8.0.232	Apache License 2.0	
CDM core library	4.5.5	NetCDF license	
CMake	3.14.5	zlib License	
Cassandra	3.11.2	Apache License 2.0	
Cassandra	cassandra-3.11.9	Apache License 2.0	
Checker Qual	2.10.0	MIT License	
Checkstyle	8	GNU Lesser General Public License v2.1 only	
Cities Generator	1.1.5	Apache License 2.0	
Click - Python Command Line Utility	6.7	BSD 3-clause "New" or "Revised" License	
Commons IO	2.4	Apache License 2.0	
Commons VFS Core	2.1-20150824	Apache License 2.0	
Core Hunter with base data structures	3.0.0	Apache License 2.0	
Curator Client	4.0.1	Apache License 2.0	
Curator Framework	4.0.1	Apache License 2.0	
Curator Recipes	4.0.1	Apache License 2.0	
Cycler	0.10.0	BSD 3-clause "New" or "Revised" License	
Cyrus SASL	2.1.27	Carnegie Mellon University License	
DDF :: Security :: Certificate :: Generator	2.27.0	GNU Lesser General Public License v3.0 only	
Dagger 2	2.15	Apache License 2.0	
Dagger Production Graphs	2.15	Apache License 2.0	
Dagger Production Graphs	2.16	Apache License 2.0	
Data Mapper for Jackson	1.9.11	GNU Lesser General Public License v2.1 only	
DataStax Java Driver for Apache Cassandra - Core	3.5.0	Apache License 2.0	
DataStax Java Driver for Apache Cassandra - Object Mapping	3.5.0	Apache License 2.0	
ELFIO	3.2	MIT License	
EasyMock Test TestNG	3.5	Apache License 2.0	
EasyMock-tests	3.5	Apache License 2.0	
Eclipse ECJ	4.1	Eclipse Public License 1.0	
Ehcache	2.6.2	Apache License 2.0	

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Elastic JNA Distribution	5.7.0	Apache License 2.0	
Elasticsearch	5.3.1	Elastic License	
Embedded GlassFish All-In-One	4.1.2	Common Development and Distribution License 1.1	
EmbeddedHttpServer	0.1.3	Apache License 2.0	
Fast Infoset	1.2.16	Apache License 2.0	
FindBugs jsr305	0	BSD 3-clause "New" or "Revised" License	
FindBugs jsr305	0.1+20130910	BSD 3-clause "New" or "Revised" License	
Flask	0.12.2	BSD 3-clause "New" or "Revised" License	
Flask-python3	0.12.2	BSD 3-clause "New" or "Revised" License	
Foundry-Package-Tool	1.4.0.260	Apache License 2.0	
GMP	6.1.2	GNU Lesser General Public License v3.0 only	
GNU Binutils	2.31.1	GNU Free Documentation License v1.3 only	
GNU C Library	2.28	Public Domain	
GNU Compiler Collection	4.8.2	GNU Lesser General Public License v2.1 or later	
GNU Compiler Collection	8.2.1	BSD 3-clause "New" or "Revised" License	
GNU Compiler Collection	8.3.1	GNU Library General Public License v2 or later	
GNU Core Utilities	v8.30	GNU General Public License v3.0 only	
GNU Diff Utilities	3.6	GNU General Public License v3.0 only	
GNU Libtool	2.4.6	GNU General Public License v3.0 only	
GNU MPFR	3.1.6	GNU Lesser General Public License v3.0 only	
GNU Make	4.2.1	GNU General Public License v3.0 only	
GNU Parted	3.2	GNU General Public License v3.0 or later	
GNU grep	3.1	GNU General Public License v3.0 only	
GNU sed	4.5	GNU General Public License v3.0 only	
GNU tar	1.3	GNU General Public License v3.0 only	
GNU which	2.21	GNU General Public License v3.0 only	

Component	Version	License	Modified
GNU-Time-Program	1.8	GNU General Public License v3.0 or later	
GNU-Time-Program	1.9	GNU General Public License v3.0 only	
GRIB Decoder API	4.5.5	NetCDF license	
Gawk	4.2.1	BSD 1.0 - Historical Permission License	
GeoAPI	3.0.1	Open Geospatial Consortium Software License	
GnuPG	1.4.23	GNU General Public License v3.0 only	
GnuPG	2.2.17	GNU General Public License v3.0 or later	
GnuPG Made Easy (GPGME)	1.12.0	GNU General Public License v3.0 or later	
GnuTLS	3.6.7	GNU General Public License v3.0 or later	
Guava: Google Core Libraries for Java	25	Apache License 2.0	
Guava: Google Core Libraries for Java	v28.2	Apache License 2.0	
Guile	2.0.14	GNU Lesser General Public License v3.0 only	
HAProxy	1.8.21	GNU General Public License v2.0 or later	
HCP Anywhere File Sync and Share SDK	2.1.1.17	Apache License 2.0	
HCP Anywhere Reporting API SDK	2.1.0.0	Apache License 2.0	
HK2 API module	2.4.0-b28	Common Development and Distribution License 1.1	
HK2 API module	2.4.0-b30	Common Development and Distribution License 1.1	
HK2 Implementation Utilities	2.4.0-b30	Common Development and Distribution License 1.1	
Hamcrest	1.1	BSD 3-clause "New" or "Revised" License	
Hamcrest	1.3	BSD 3-clause "New" or "Revised" License	
HdrHistogram	2.1.4	Public Domain	
HikariCP	2.4.13	Apache License 2.0	
HttpClient Wrappers	4.5.5	NetCDF license	
IPTables	1.8.0	GNU General Public License v2.0 only	

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Component	Version	License	Modified
Injection API (JSR 330) version 1 repackaged as OSGi bundle	2.4.0-b15	Common Development and Distribution License 1.1	
Integrity Measurement Architecture (IMA)	1.1	GNU General Public License v2.0 only	
IoTDB Jdbc	0.11.2	Apache License 2.0	
Itadaki jbzip2	0.9.1	MIT License	
J2ObjC Annotations	1.3	Apache License 2.0	
JAXB CORE	2.3.0.1	Common Development and Distribution License 1.1	
JAXB Runtime	2.3.2	Eclipse Distribution License - v 1.0	
JAXB XML Binding Code Generator Package	2.3.2	Eclipse Distribution License - v 1.0	
JCommander Library	1.78	Apache License 2.0	
JDOM	2.0.6	Jdom License	
JEuclid	3.0.2	Apache License 2.0	
JGraphT - Guava Adapter	1.2.0	Eclipse Public License 1.0	
JHighlight	1.0.3	GNU Lesser General Public License v2.1 only	
JLine - Java Console input Library	1	BSD 3-clause "New" or "Revised" License	
JMatIO	1.5	BSD 3-clause "New" or "Revised" License	
JOpt Simple	5.0.3	MIT License	
JUL to SLF4J bridge	1.7.16	MIT License	
JUnit	4.11	Eclipse Public License 1.0	
JUnit	4.12	Eclipse Public License 1.0	
JX	1.2.1	Apache License 2.0	
Jackcess	jackcess-3.0.1	Apache License 2.0	
Jackcess Encrypt	3.0.0	Apache License 2.0	
Jackson-JAXRS-base	2.11.4	Apache License 2.0	
Jackson-JAXRS-base	2.12.2	Apache License 2.0	
Jakarta Activation	1.2.1	BSD 3-clause "New" or "Revised" License	
Jakarta Mail	1.4.4	Common Development and Distribution License 1.1	
Jakarta Mail	1.6.7	Eclipse Public License 2.0	

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Java API for XML Web Services 2.2	2.0.4.Final	Common Development and Distribution License 1.1	
Java Advanced Imaging Image I/O Tools API core (standalone)	1.4.0	BSD 3-clause "New" or "Revised" License	
Java Architecture for XML Binding	2.3.0-b170201.1204	Common Development and Distribution License 1.1	
Java Compiler Tool Support	1.2.101	Eclipse Public License 1.0	
Java Development Tools Core	3.8.2	Eclipse Public License 1.0	
Java Libraries for Amazon Simple WorkFlow	1.10.64.1	Apache License 2.0	
Java Native Access (JNA)	5.5.0	GNU Lesser General Public License v2.1 only	
Java Servlet 3.1 API	1.0.0.Final	Common Development and Distribution License 1.0	
Java Toaster	1.0.5	Apache License 2.0	
Java UnRar	4.0.0	unRAR License	
Java client for the RabbitMQ HTTP API	2.0.2.RELEASE	Apache License 2.0	
Java(TM) API for XML-Based Web Services 2.3	2.0.0.Final	Eclipse Distribution License - v 1.0	
JavaBeans Activation Framework fork for Android	1.6.2	Common Development and Distribution License 1.0	
JavaCPP Presets for SciPy	1.4.1-1.5.3	Apache License 2.0	
JavaMail API pop3 provider	1.4.4-rc1	Common Development and Distribution License 1.0	
JavaMail API smtp provider	1.4.4-rc1	Common Development and Distribution License 1.0	
Javassist	3.20.0-GA	Apache License 2.0	
Jayway JsonPath	2.0.0	Apache License 2.0	
Jersey	1.18.3	Common Development and Distribution License 1.1	
Jersey	1.18.4	Common Development and Distribution License 1.1	
Jersey	1.19.2	Common Development and Distribution License 1.1	
Jersey	1.19.4	Common Development and Distribution License 1.1	
Jersey	2.21	Common Development and Distribution License 1.1	
Jest Common Jar	5.3.4	Apache License 2.0	



Component	Version	License	Modified
Jetbrains annotations	12	Apache License 2.0	
Jinja	2.1	BSD 3-clause "New" or "Revised" License	
Joda Time	2.9.4	Apache License 2.0	
LZ4 Java	1.2	Apache License 2.0	
LZ4 Java	1.2.0	Apache License 2.0	
LZ4 and xxHash	1.4.1	Apache License 2.0	
LZO real-time data compression library	2.08	GNU General Public License v2.0 only	
LanguageDetector	0.6	Apache License 2.0	
Less	530	BSD 3-clause "New" or "Revised" License	
LibYAML	0.2.2	MIT License	
Libidn	1.15	GNU Lesser General Public License v2.1 only	
Libidn	2.2.0	GNU General Public License v3.0 or later	
Libidn	2.3.0	GNU Lesser General Public License v3.0 or later	
Libtasn1	4.13	GNU General Public License v3.0 only	
Linux Extended Attributes	2.4.48	GNU General Public License v2.0 only	
Linux Kernel	4.18.20	GNU General Public License v2.0 with Linux Syscall Note	
Linux Kernel SCTP	1.0.16	GNU General Public License v2.0 only	
Linux Unified Key Setup	2.0.6	FSF Unlimited License	
Linux kernel crash utility	7.2.3	GNU Free Documentation License v1.2 only	
Linux-Pam	1.3.1	BSD 3-clause "New" or "Revised" License	
Little cms color engine	2.9	MIT License	
Locales	2.28	GNU Lesser General Public License v2.1 only	
Log4j Implemented Over SLF4J	1.7.14	Apache License 2.0	
Log4j Implemented Over SLF4J	1.7.16	Apache License 2.0	
Logback	1.1.7	Eclipse Public License 1.0	
Lucene Analyzers	6.4.2	Apache License 2.0	
Lucene Expressions	6.6.3	Apache License 2.0	

Component	Version	License	Modified
Lucene Grouping	6.4.1	Apache License 2.0	
Lucene Memory	6.4.1	Apache License 2.0	
Lucene Miscellaneous	6.3.0	Apache License 2.0	
Lucene Queries	6.4.1	Apache License 2.0	
Lucene Query Parser	6.4.1	Apache License 2.0	
Lucene Sandbox	6.4.1	Apache License 2.0	
Lucene Spatial	6.4.1	Apache License 2.0	
Lucene Suggest	6.4.1	Apache License 2.0	
Lucky	1.1.0	Mulan Permissive Software License, Version 1	
MIME streaming extension	1.9.6	Common Development and Distribution License 1.1	
MIME streaming extension	1.9.7	Common Development and Distribution License 1.1	
MarkupSafe	1	BSD 3-clause "New" or "Revised" License	
Metrics Core	3.1.2	Apache License 2.0	
Metrics Core	4.1.1	Apache License 2.0	
Metrics Core Library	2.2.0	Apache License 2.0	
Metrics Integration with JMX	4.1.1	Apache License 2.0	
Metrics Integration with JMX	4.1.10.1	Apache License 2.0	
Microsoft Graph Java Core SDK	1.0.0	MIT License	
Microsoft Graph Java SDK	1.6.0	MIT License	
MockServer & Proxy Netty	5.11.2	Apache License 2.0	
Mockito	1.10.19	MIT License	
NSPR	4.23.0	Mozilla Public License 2.0	
NSS	3.47.0	Mozilla Public License 2.0	
Neo4j Java Driver	1.7.6	Apache License 2.0	
Nessie - Hive 2 Metastore Bridge Service	0.2.1	Apache License 2.0	
Netphony TED and BGP-LS peer	1.3.3	Apache License 2.0	
Nettle	3.4.1	GNU Lesser General Public License v2.1 or later	
Netty Project	4.1.65.Final	Apache License 2.0	
Netty/TomcatNative [OpenSSL - Dynamic]	1.1.30	Apache License 2.0	

Component	Version	License	Modified
Netty/Transport/Native/Unix/Common	4.1.64.Final	Apache License 2.0	
Netty/Transport/Native/Unix/Common	4.1.65.Final	Apache License 2.0	
Network Time Protocol project (NTP)	4.2.8p13	NTP License	
Nimbus-JOSE-JWT	8.2	Apache License 2.0	
NumPy	1.12.0b1	BSD 3-clause "New" or "Revised" License	
NumPy	1.14.0rc1	BSD 3-clause "New" or "Revised" License	
NumPy	1.15.0rc1	BSD 3-clause "New" or "Revised" License	
NumPy	1.15.4	BSD 3-clause "New" or "Revised" License	
NumPy	1.16.3	BSD 3-clause "New" or "Revised" License	
NumPy	1.8.2	BSD 3-clause "New" or "Revised" License	
NumPy	v1.11.0b1	BSD 3-clause "New" or "Revised" License	
OAuth 2.0 SDK with OpenID Connect extensions	6.16.2	Apache License 2.0	
Objenesis TCK	2.6	Apache License 2.0	
Ogg and Vorbis for Java, Core	0.8	Apache License 2.0	
OkHttp	3.0.0	Apache License 2.0	
OkHttp	3.12.0	Apache License 2.0	
OkIO	1.13.0	Apache License 2.0	
Open JSON	1.0.12	Apache License 2.0	
OpenJDK	1.8.0.232.b09	Public Domain	
OpenJDK	11.0.ea.28	GNU General Public License v2.0 w/Classpath exception	
OpenJDK ORB	8.1.7.Final	GNU General Public License v2.0 w/Classpath exception	
OpenJDK8 javabeans for android.	1.0.2	GNU General Public License v2.0 w/Classpath exception	
OpenLDAP	2.4.46	Open LDAP Public License v2.8	
OpenNLP Tools	1.9.2	Apache License 2.0	
OpenSSL	1.0.2o	OpenSSL License	
OpenSSL	1.1.1	SSLeay License	
OpenSSL	1.1.1d	SSLeay License	

Component	Version	License	Modified
Openwall crypt_blowfish	4.2.1	Public Domain	
Openwall crypt_blowfish	4.4.10	Public Domain	
PCRE	8.43	BSD 3-clause "New" or "Revised" License	
PCRE2	10.31	BSD 3-clause "New" or "Revised" License	
PCRE2	10.32	BSD 3-clause "New" or "Revised" License	
PDFBox JBIG2 ImageIO plugin	3.0.3	Apache License 2.0	
Perl	1	GNU General Public License v3.0 or later	
Phoenix Shaded Core	5.1.0-HBase-2.0.0.1	Apache License 2.0	
PostgreSQL JDBC Driver (pgjdbc)	9.3-1102-jdbc41	BSD 3-clause "New" or "Revised" License	
Procps	3.3.15	GNU Lesser General Public License v2.1 only	
Protocol Buffer Java API	2.6.1	BSD 3-clause "New" or "Revised" License	
Protocol Buffer Java API	3.11.0-rc-2	BSD 3-clause "New" or "Revised" License	
Protocol Buffers	3.5.0	BSD 3-clause "New" or "Revised" License	
PyTZ - Python Time Zone Library	2018.5	MIT License	
PyTZ - Python Time Zone Library	2018.7	MIT License	
PyYAML	5.1	MIT License	
PycURL	7.43.0.2	(MIT License OR GNU Lesser General Public License v3.0 or later)	
Python programming language	2.7.17	Python Software Foundation License 2.0	
Python programming language	3	MIT License	
Python programming language	3.7.0	Python Software Foundation License 2.0	
Python programming language	3.7.0~b5	MIT License	
Python programming language	3.7.2	Python Software Foundation License 2.0	
Python programming language	3.7.3rc1	Python Software Foundation License 2.0	
Python programming language	3.7.5	Python Software Foundation License 2.0	
Python six	1.11.0	MIT License	

Component	Version	License	Modified
Python-RSA	3.4.2	Apache License 2.0	
QDox	2	Apache License 2.0	
QDox	2.0-M9	Apache License 2.0	
Quartz Enterprise Job Scheduler	2.3.2	Apache License 2.0	
Quickbooks API Helper for OAuth2	5.0.0	Apache License 2.0	
RPM	4.14.2	GNU General Public License v2.0 only	
RPM	4.14.2.1	GNU Lesser General Public License v2.1 only	
RPM	6	GNU General Public License v2.0 only	
RabbitMQ amqp-client	5.2.0	Mozilla Public License 1.1	
Readline	7	GNU General Public License v3.0 only	
RoboZonky Distribution: Command-line configuration and validation utility	5.5.0-cr-1	Apache License 2.0	
RunIt	2.1.2	BSD 3-clause "New" or "Revised" License	
SELinux reference policies	3.14.2	GNU General Public License v2.0 or later	
SLF4J API Module	1.7.16	MIT License	
SLF4J API Module	1.7.18	MIT License	
SLF4J API Module	1.7.26	MIT License	
SLF4J LOG4J-12 Binding	1.7.26	MIT License	
SLF4J Simple Binding	1.7.26	MIT License	
SNMP4J	2.5.8	Apache License 2.0	
Saxon XSLT and XQuery Processor	9.6.0-7	Mozilla Public License 2.0	
Scala	2.11.8	BSD 3-clause "New" or "Revised" License	
SciPy: Scientific Library for Python	1.2.1	BSD 3-clause "New" or "Revised" License	
Seccomp Library	2.4.1	GNU Library General Public License v2 or later	
Security-enhanced Linux	2.8	Public Domain	
Security-enhanced Linux	2.9	Public Domain	
SentimentAnalysisParser	0.1	Apache License 2.0	
ServiceLocator Default Implementation	2.4.0-b30	Common Development and Distribution License 1.1	

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ServiceLocator Default Implementation	2.4.0-b31	Common Development and Distribution License 1.1	
Shadow Tool Suite	4.6	BSD 3-clause "New" or "Revised" License	
Simple Logging Facade for Java (SLF4J)	1.7.25	MIT License	
Simple Logging Facade for Java (SLF4J)	slf4j-1_5_8-5_fc12	slf4j License	
SnakeYAML	1.18	Apache License 2.0	
SocksiPy - A Python SOCKS module	1.6.8	BSD 3-clause "New" or "Revised" License	
Spark Project Catalyst	3.0.3	Apache License 2.0	
Spark Project SQL	3.0.3	Apache License 2.0	
SparseBitSet	1.2	Apache License 2.0	
Spring Framework	4.3.6.RELEASE	Apache License 2.0	
StAX	1	Apache License 2.0	
Stax2 API	3.1.4	BSD 3-clause "New" or "Revised" License	
TXW2 Runtime	2.4.0-b180830.0438	Common Development and Distribution License 1.1	
TagSoup	1.2.1	Apache License 2.0	
The FreeType Project	2.9.1	Public Domain	
Time Zone Database	2018e	Public Domain	
Time Zone Database	2019c	Public Domain	
Type arithmetic library for Java5	1.4	Common Development and Distribution License 1.0	
Units of Measurement API	1	BSD 3-clause "New" or "Revised" License	
Vim	8.1.2198	Vim License	
Werkzeug	0.12.2	BSD 3-clause "New" or "Revised" License	
Woodstox	5.0.3	Apache License 2.0	
X.org	1.2.2	MIT License	
XMLBeans	3.1.0	Apache License 2.0	
XMPCore Shaded	6.1.10	Apache License 2.0	
XZ Utils	5.2.4	Public Domain	
XZ for Java	1.8	Public Domain	

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XmlSchema Core	2.2.5	Apache License 2.0	
Zip & Unzip	3	Info-ZIP Updated License	
Zip & Unzip	6	Info-ZIP Updated License	
aajohan-comfortaa-fonts	3.001	SIL Open Font License 1.1	
acl	5.3.6	Apache License 2.0	
android-json-org-java	5.0.2	Apache License 2.0	
android-json-org-java	6.0.1	Apache License 2.0	
annobin	8.23	GNU General Public License v3.0 only	
antlr	2.7.7	ANTLR Software Rights Notice	
antlr-tool	2.7.7	Public Domain	
appaloosa-client	1.14	MIT License	
appdirs	1.4.3	MIT License	
apr-util	1.6.1	Apache License 2.0	
argon2	0.0+git20171227.670229c	Apache License 2.0	
asm-analysis	5.0.1	BSD 3-clause "New" or "Revised" License	
atomic-registries	1.22.1	GNU Library General Public License v2 only	
audit-libs	3	GNU Library General Public License v2 only	
avahi-libs	0.7	GNU Library General Public License v2 only	
aws	0.0.5	Apache License 2.0	
backports.ssl_match_hostname	3.5.0.1	Python Software Foundation License 2.0	
beanvalidation-api	1.1.0	Apache License 2.0	
boilerpipe	1.1.0	Apache License 2.0	
boto	2.44.0	MIT License	
brotli	v1.0.5	MIT License	
bzip2-libs	1.0.6	BSD 3-clause "New" or "Revised" License	
c3p0:JDBC DataSources/Resource Pools	0.9.5.5	GNU Lesser General Public License v2.1 only	
ca-certificates	2018.2.26	Public Domain	
ca-certificates	2019.2.32	Public Domain	
cglib	3.2.4	Apache License 2.0	

Component	Version	License	Modified
chardet	3.0.4	GNU Lesser General Public License v2.1 or later	
checkstyle	8	BSD 3-clause "New" or "Revised" License	
chkconfig	1.1	GNU General Public License v2.0 only	
cloudpickle	0.5.6	BSD 3-clause "New" or "Revised" License	
cmpClient	1.2.1	European Union Public License 1.2	
colorama	0.3.9	BSD 3-clause "New" or "Revised" License	
commons-codec	1.11	Apache License 2.0	
commons-codec	1.13	Apache License 2.0	
commons-codec	1_6	Apache License 2.0	
concord-cli	1.35.0	Apache License 2.0	
container-selinux	2.116.0	GNU General Public License v2.0 or later	
container-selinux	2.123.0	GNU General Public License v2.0 or later	
copy-jdk-configs	3.7	BSD 3-clause "New" or "Revised" License	
cpp	8.2.1	BSD 3-clause "New" or "Revised" License	
cracklib	2.9.6	GNU Library General Public License v2 only	
crash	7.2.3	GNU General Public License v3.0 only	
crypto-policies	20181217	GNU Library General Public License v2 or later	
crypto-policies	20190527	GNU Library General Public License v2 or later	
crypto-policies	20190816git	GNU Lesser General Public License v2.1 or later	
cups-libs	2.2.8	zlib License	
curl	7.61.1	curl License	
curvesapi	1.07	BSD 3-clause "New" or "Revised" License	
cyrus-sasl-lib	2.1.27	BSD-4-Clause (University of California-Specific)	
cyrus-sasl-md5	2.1.27	BSD-4-Clause (University of California-Specific)	
daptiv-style-guide	0.10.10	MIT License	



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dbus-common	1.12.8	GNU General Public License v2.0 or later	
dbus-daemon	1.12.12	GNU General Public License v2.0 or later	
dbus-lib	1.12.12	GNU General Public License v2.0 or later	
dbus-tools	1.12.12	GNU General Public License v2.0 or later	
dcm4che-core	3.3.8	Mozilla Public License 1.1	
device-mapper-persistent-data	0.7.6	GNU General Public License v3.0 only	
devmapper	1.02.146	GNU General Public License v2.0 or later	
devmapper	1.02.154	GNU Library General Public License v2 or later	
devtoolset-8-strace	4.24	BSD 3-clause "New" or "Revised" License	
dnf	4.0.9.2	GNU General Public License v2.0 or later	
dnf	4.2.5	GNU General Public License v2.0 only	
docker	1.13.1	Apache License 2.0	
docker	v1.13.0	Apache License 2.0	
docker-client	8.11.1	Apache License 2.0	
docker-rhel-push-plugin	1.13.1	GNU General Public License v2.0 only	
docker_1_12_6	1.12.6	Apache License 2.0	
dwz	0.13	GNU General Public License v2.0 or later	
eXo Platform	1.15.11-GA	GNU Lesser General Public License v2.1 only	
easymock	3.5	Apache License 2.0	
efi-rpm-macros	3	GNU General Public License v3.0 or later	
efi-srpm-macros	3	GNU General Public License v3.0 only	
elastisys:scale :: cloudpool :: google :: compute	5.1.0	Apache License 2.0	
elfutils	0.176	GNU General Public License v2.0 or later	
elfutils-lib	0.176	GNU Lesser General Public License v3.0 or later	
error-prone annotations	2.3.1	Apache License 2.0	

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error-prone annotations	2.3.2	Apache License 2.0	
error-prone annotations	2.3.4	Apache License 2.0	
fedora-gpg-keys	29	MIT License	
fedora-release	29	MIT License	
fedora-release-common	30	MIT License	
fedora-repos	29	MIT License	
fedora-repos	32	MIT License	
file	5.32	BSD 3-clause "New" or "Revised" License	
file	5.34	Fine Free File Command License	
file-libs	5.34	BSD 3-clause "New" or "Revised" License	
findutils	4.6.0	GNU General Public License v3.0 only	
fips-mode-setup	20190527	GNU Library General Public License v2 or later	
flask-debugtoolbar	0.10.1	BSD 3-clause "New" or "Revised" License	
flink-connector-elasticsearch5	1.13.6	Apache License 2.0	
fontconfig	2.13.1	Public Domain	
fpc-srpm-macros	1.1	MIT License	
gc	7.6.4	BSD 3-clause "New" or "Revised" License	
gcc-c++	8.2.1	BSD 3-clause "New" or "Revised" License	
gflags	2.1.2	BSD 3-clause "New" or "Revised" License	
ghc-srpm-macros	1.4.2	GNU General Public License v2.0 or later	
giflib	5.1.4	MIT License	
giflib -- A library for processing GIFs	5.1.4	MIT License	
glibc-locale-source	2.28	Public Domain	
gnat-srpm-macros	4	MIT License	
go-srpm-macros	2	GNU General Public License v3.0 or later	
google-glog	0.3.5	BSD 3-clause "New" or "Revised" License	
google-gson	2.8.2	Apache License 2.0	

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Component	Version	License	Modified
google-snappy	1.1.7	BSD 3-clause "New" or "Revised" License	
gpg2	2.2.17	GNU General Public License v3.0 or later	
gpgme	1.12.0	GNU Library General Public License v2 or later	
guile	2.0.14	GNU Lesser General Public License v3.0 only	
gw-oltu	1.0.0	MIT License	
gzip	1.9	GNU General Public License v3.0 only	
h5py	2.9.0	BSD 3-clause "New" or "Revised" License	
haystack-agent	0.1.2	Apache License 2.0	
hcf-api-spring	0.0.97	Apache License 2.0	
hostname	3.2	GNU General Public License v2.0 only	
hostname	3.21	GNU General Public License v2.0 only	
htrace-core	4.0.1-incubating	Apache License 2.0	
idna	2.6	BSD 3-clause "New" or "Revised" License	
idna	2.7	BSD 3-clause "New" or "Revised" License	
idna	2.8	BSD 3-clause "New" or "Revised" License	
io.swagger:swagger-annotations	2.0.2	Apache License 2.0	
ipaddress	1.0.18	Python Software Foundation License 2.3	
iproute2	4.2	GNU General Public License v2.0 or later	
iproute2	v5.8.0	GNU General Public License v2.0 or later	
isl	0.16.1	MIT License	
istack common utility code runtime	3.0.7	Common Development and Distribution License 1.1	
itsdangerous	0.24	BSD 3-clause "New" or "Revised" License	
jQuery UI Themes	1.12.1	MIT License	
jackson-annotations	2.11.4	Apache License 2.0	
jackson-core	1.9.10	Apache License 2.0	
jackson-core	2.11.4	Apache License 2.0	

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jackson-databind	2.11.4	Apache License 2.0	
jackson-dataformat-xml	2.11.2	Apache License 2.0	
jackson-dataformat-xml	2.11.4	Apache License 2.0	
jackson-dataformat-yaml	2.11.1	Apache License 2.0	
jackson-dataformat-yaml	2.11.4	Apache License 2.0	
jackson-datatype-guava	2.11.3	Apache License 2.0	
jackson-datatype-joda	2.11.4	Apache License 2.0	
jackson-datatype-joda	jackson-datatype-joda-2.11.1	Apache License 2.0	
jackson-jaxrs-json-provider	2.11.4	Apache License 2.0	
jackson-jaxrs-json-provider	2.12.6	Apache License 2.0	
jackson-module-jaxb-annotations	2.11.1	Apache License 2.0	
jackson-module-jaxb-annotations	2.11.4	Apache License 2.0	
jakarta.activation	1.0.12.0-jre8	GNU General Public License v3.0 only	
japicmp	0.15.7	Apache License 2.0	
java-libpst	0.9.3	Apache License 2.0	
java-manta-cli	3.5.0	Mozilla Public License 2.0	
javapackages-tools	5.2.0	BSD 3-clause "New" or "Revised" License	
javax.annotation API	1.2	Common Development and Distribution License 1.1	
javax.inject:javax.inject	1.0.0-PRD	Apache License 2.0	
javax.ws.rs-api	2.0.1	Common Development and Distribution License 1.1	
javax.ws.rs-api	2.1.1	Common Development and Distribution License 1.1	
jersey-atom	1.18.2	Common Development and Distribution License 1.1	
jersey-bundle	1.19.1	Common Development and Distribution License 1.1	
jersey-bundle	1.19.4	Common Development and Distribution License 1.1	
jersey-bundle	2.22	Common Development and Distribution License 1.1	
jersey-connectors-apache	2.21	Common Development and Distribution License 1.1	
jersey-connectors-apache	2.21.1	Common Development and Distribution License 1.1	

Component	Version	License	Modified
jersey-container-servlet	2.21	Common Development and Distribution License 1.1	
jersey-container-servlet	2.21.1	Common Development and Distribution License 1.1	
jersey-container-servlet-core	2.21	Common Development and Distribution License 1.1	
jersey-core-server	2.21	Common Development and Distribution License 1.1	
jersey-ext-entity-filtering	2.21	Common Development and Distribution License 1.1	
jersey-ext-entity-filtering	2.21.1	Common Development and Distribution License 1.1	
jersey-fastinfoset	1.13-b01	Common Development and Distribution License 1.1	
jersey-grizzly	1.18.2	Common Development and Distribution License 1.1	
jersey-grizzly	1.18.4	Common Development and Distribution License 1.1	
jersey-json	1.18.3	Common Development and Distribution License 1.1	
jersey-json	1.18.4	Common Development and Distribution License 1.1	
jersey-media-jaxb	2.21	Common Development and Distribution License 1.1	
jersey-media-jaxb	2.21.1	Sun GPL With Classpath Exception v2.0	
jersey-media-json-jackson	2.21	Common Development and Distribution License 1.1	
jersey-media-json-jackson	2.21.1	Common Development and Distribution License 1.1	
jersey-media-multipart	2.21	Common Development and Distribution License 1.1	
jersey-media-multipart	2.21.1	Common Development and Distribution License 1.1	
jersey-repackaged-guava	2.21	Common Development and Distribution License 1.1	
jersey-server	1.19.2	Common Development and Distribution License 1.1	
jersey-server	1.19.4	Common Development and Distribution License 1.1	
jersey-servlet	1.19.1	Common Development and Distribution License 1.1	

Component	Version	License	Modified
jersey-servlet	1.19.4	Common Development and Distribution License 1.1	
jest	5.3.3	Apache License 2.0	
jffi - Java Foreign Function Interface	1.2.12	Apache License 2.0	
jffi - Java Foreign Function Interface	1.2.15	Apache License 2.0	
jnr-constants	0.9.8	Apache License 2.0	
jnr-ffi	2.1.4	Apache License 2.0	
jnr-posix	3.0.35	GNU Lesser General Public License v2.1 only	
jnr-unixsocket	0.17	Apache License 2.0	
joblib	0.12.5	BSD 3-clause "New" or "Revised" License	
jose4j	0.4.4	Apache License 2.0	
joyent-http-parser	2.9.2	MIT License	
json-c	0.13.1	MIT License	
json-path	2.0.0	Apache License 2.0	
json-simple	1.1.1	Apache License 2.0	
json-smart	2.2	Apache License 2.0	
jsonic	1.2.11	Apache License 2.0	
jsoup	1.10.2	MIT License	
jsr-305	0	BSD 3-clause "New" or "Revised" License	
jsr305-and-javax.annotation-api	1	Apache License 2.0	
jtransactions	2.0.2	Apache License 2.0	
juniversalchardet	1.0.3	Mozilla Public License 1.1	
jws-api	2.1.0	Eclipse Distribution License - v 1.0	
kafka-graphs-rest-app	0.2.0	Apache License 2.0	
kazoo	2.5.0	Apache License 2.0	
kerb4j-common	0.0.4	GNU Library General Public License v2 only	
kerb4j-common	0.0.9	GNU Library General Public License v2 only	
kerb4j-server-common	0.1.0	GNU Library General Public License v2 only	
kernel-latest-powerpc	4.18.11	GNU General Public License v2.0 only	

Component	Version	License	Modified
keyutils	1.5.10	GNU Library General Public License v2 or later	
keyutils-libs	1.5.10	GNU Library General Public License v2 only	
kmod-libs	25	GNU Library General Public License v2 only	
krb5-libs	1.16.1	MIT License	
krb5/krb5	1.16.1	Krb5-MIT License	
laaws-repository-core	2.15.0	BSD 3-clause "New" or "Revised" License	
less	530	BSD 3-clause "New" or "Revised" License	
leveldb	1.2	BSD 3-clause "New" or "Revised" License	
libX11	1.6.6	MIT License	
libX11-common	1.6.7	MIT License	
libXau	1.0.8	MIT License	
libXext	1.3.2	X11 License	
libXext	1.3.3	MIT License	
libXi	1.7.9	MIT License	
libXrender	0.9.7	MIT License	
libXtst	1.2.3	MIT License	
libaio	0.3.111	GNU Library General Public License v2 only	
libarchive	3.3.3	BSD 3-clause "New" or "Revised" License	
libargon2	20161029	Public Domain	
libassuan	2.5.2	GNU Lesser General Public License v2.1 or later	
libatomic-ops	7.6.6	MIT License	
libatomic_ops	7.6.6	MIT License	
libcap-dev	2.25	GNU General Public License v2.0 only	
libcap-ng	0.7.9	GNU Library General Public License v2 only	
libcomerr2	1.44.3	MIT License	
libcomerr2	1.44.6	MIT License	
libcomps	0.1.11	GNU General Public License v2.0 only	

Component	Version	License	Modified
libcontainers-common	20190401	Apache License 2.0	
libdb	5.3.28	BSD 3-clause "New" or "Revised" License	
libdnf	0.31.0	GNU Library General Public License v2 or later	
libecj-java	4.18	Eclipse Public License 2.0	
libexpat	2.2.8	MIT License	
libfdisk	2.32.1	GNU Library General Public License v2 only	
libffi	3.1	MIT License	
libfontenc	1.1.3	MIT License	
libfontenc1	1.1.3	MIT License	
libgcc	8.3.1	BSD 3-clause "New" or "Revised" License	
libgcrypt	1.8.5	Public Domain	
libgdbm	v1.18	GNU General Public License v3.0 only	
libgpg-error	1.33	FSF Unlimited License	
libguestfs	1.40.1	GNU Library General Public License v2 only	
libicu	62.2	Public Domain	
libjpeg-turbo	2.0.2	Independent JPEG Group License	
libjsr305-java	0	BSD 3-clause "New" or "Revised" License	
libjzlib-java	1.1.3	BSD 3-clause "New" or "Revised" License	
libksba	1.3.5	GNU General Public License v3.0 only	
liblua5.1-posix-dev	33.3.1	MIT License	
libmetalink	0.1.3	MIT License	
libmnl	1.0.4	GNU Lesser General Public License v2.1 only	
libmodulemd1	1.8.11	MIT License	
libmodulemd1	1.8.16	MIT License	
libmpc	1.1.0	GNU Lesser General Public License v3.0 only	
libnetfilter_conntrack	1.0.7	GNU General Public License v2.0 or later	
libnfnetlink	1.0.1	GNU General Public License v2.0 only	



Component	Version	License	Modified
libnhttp2	1.39.2	MIT License	
libnpth0	1.5	GNU Lesser General Public License v2.1 only	
libnsl2	1.2.0	GNU Lesser General Public License v2.1 only	
libp11	0.4.8	BSD 3-clause "New" or "Revised" License	
libpcap	1.9.1	BSD 3-clause "New" or "Revised" License	
libpkgconf	1.5.3	ISC License	
libpng	1.6.34	libpng License	
libpsl	0.20.2	MIT License	
libpwquality	1.4.0	BSD 3-clause "New" or "Revised" License	
libpwquality	libpwquality-1.4.1	BSD 3-clause "New" or "Revised" License	
libselenium	2.8	Public Domain	
libselenium-utils	2.8	Public Domain	
libsemanage	2.8	GNU Library General Public License v2 only	
libsepol	2.8	GNU Lesser General Public License v2.1 or later	
libsepol	2.8	GNU Library General Public License v2 only	
libsepol1-dev	2.8	GNU Lesser General Public License v2.1 or later	
libsigsegv	2.11	GNU General Public License v2.0 only	
libsigsegv	v2.14	GNU General Public License v2.0 or later	
libssh	0.8.7	GNU Library General Public License v2 or later	
libstdc++	8.2.1	GNU General Public License v3.0 w/GCC Runtime Library exception	
libstdc++	8.3.1	GNU General Public License v3.0 w/GCC Runtime Library exception	
libstdc++-devel	8.2.1	BSD 3-clause "New" or "Revised" License	
libstdc++6	8.2.0	GNU General Public License v3.0 w/GCC Runtime Library exception	
libstdc++6	8.3.0	GNU General Public License v3.0 w/GCC Runtime Library exception	

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libtirpc	1.0.2	BSD 3-clause "New" or "Revised" License	
libtirpc	1.1.4	BSD 3-clause "New" or "Revised" License	
libunistring	0.9.10	GNU Lesser General Public License v3.0 only	
libusb	0.1.5	GNU Lesser General Public License v3.0 only	
libusb	1.0.22	GNU Lesser General Public License v2.1 or later	
libusb-1_0	1.0.22	GNU Lesser General Public License v2.1 or later	
libusb-compat	0.1.5	BSD 3-clause "New" or "Revised" License	
libutempter	1.1.6	GNU Library General Public License v2 only	
libutf8proc1	2.1.1	BSD 3-clause "New" or "Revised" License	
libverto-glib1	0.2.6	MIT License	
libverto-glib1	0.3.0	MIT License	
libx11-data	1.6.7	X11 License	
libxcb	1.13.1	MIT License	
libxml2	2.9.4	MIT License	
libxml2	2.9.8	MIT License	
linux-headers	4.18.13	GNU General Public License v2.0 only	
log4j12	1.2.17	Apache License 2.0	
logrotate	3.14.0	GNU General Public License v1.0 only	
lua	5.3.5	MIT License	
lua-posix	33.3.1	Public Domain	
lua5.1-curses	33.3.1	MIT License	
luaposix	v33.2.1	MIT License	
lvm2	2.02.183	GNU General Public License v2.0 or later	
lvm2-libs	2.02.182	GNU Library General Public License v2 or later	
lz4-libs	1.9.1	BSD 3-clause "New" or "Revised" License	
make	4.2.1	GNU General Public License v2.0 or later	

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make	4.2.1	GNU General Public License v3.0 only	
mariadb-java-client	2.0.1	GNU Lesser General Public License v2.1 only	
matplotlib	3.0.2	MATPLOTLIB License 1.3.0 or Later	
mbassador	1.3.2	MIT License	
mchange-commons-java	0.2.19	GNU Lesser General Public License v2.1 only	
metadata-extractor	2.12.0	Apache License 2.0	
metadata-extractor	2.15.0	Apache License 2.0	
minimal-json	0.9.5	MIT License	
module-init-tools	25	GNU General Public License v2.0 only	
mp4parser	1.1.22	Apache License 2.0	
msal4j	0.6.0-preview	MIT License	
nashorn	jdk8u265-b01-x1	GNU General Public License v2.0 w/Classpath exception	
ncurses	6.1	MIT v2 with Ad Clause License	
ncurses-libs	6.1	MIT License	
netCDF-4 IOSP JNI connection to C library	4.5.5	NetCDF license	
nettle	3.4.1rc1	GNU Lesser General Public License v3.0 or later	
netty-tcnative	1.1.30	Apache License 2.0	
netty3	3.10.6	Apache License 2.0	
nim-srpm-macros	1	MIT License	
nm-tree	1.0.0	BSD 3-clause "New" or "Revised" License	
nss-myhostname	239	GNU Lesser General Public License v2.1 or later	
nss-resolve	239	GNU Lesser General Public License v2.1 or later	
nss-softokn	3.47.0	Mozilla Public License 2.0	
nss-softokn-freebl	3.47.0	Mozilla Public License 2.0	
nss-systemd	239	GNU Lesser General Public License v2.1 or later	
nss-util	3.47.0	Mozilla Public License 2.0	
objectweb-asm	6.2.1	BSD 3-clause "New" or "Revised" License	

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objenesis	2.6	Apache License 2.0	
ocaml-srpm-macros	5	GNU General Public License v2.0 only	
oci-umount	2.5	GNU General Public License v3.0 or later	
openSUSE libsolv	0.7.5	BSD 3-clause "New" or "Revised" License	
openblas-srpm-macros	2	MIT License	
openrtb-model	1.4.0	Apache License 2.0	
org.bouncycastle.mail	1.61.LIFERAY-PATCHED-1	GNU Lesser General Public License v2.1 only	
org.brotli:dec	0.1.2	MIT License	
org.talend.commons.runtime.test	7.1.1	Apache License 2.0	
org.tallison:metadata-extractor	2.13.0	Apache License 2.0	
p11-kit	0.23.16.1	BSD 3-clause "New" or "Revised" License	
p11-kit-trust	0.24.0	BSD 3-clause "New" or "Revised" License	
pandas	0.23.3	BSD 3-clause "New" or "Revised" License	
pandas	0.23.4	BSD 3-clause "New" or "Revised" License	
parso	2.0.11	Apache License 2.0	
parted	3.2	GNU General Public License v3.0 only	
pcep-testtool	0.15.2	Eclipse Public License 1.0	
pdf-reader	2.5.0	MIT License	
pika	0.12.0	BSD 3-clause "New" or "Revised" License	
pika AMQP Module for RabbitMQ	0.12.0	BSD 3-clause "New" or "Revised" License	
pika-python3	0.12.0	BSD 3-clause "New" or "Revised" License	
pip	18	MIT License	
pip	18.1	Expat License	
pkgconf	1.5.3	ISC License	
pkgconf-m4	1.6.3	GNU General Public License v2.0 only	
pkgconf-pkg-config	1.6.0	ISC License	
pki-servlet-engine	9.0.30	Apache License 2.0	

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platform_libcore	6.0.1+r55	Apache License 2.0	
plugin-crypto	0.2.2	Apache License 2.0	
plugin-sdk	1.5.2.28	Apache License 2.0	
polycycoreutils	2.8	GNU General Public License v2.0 only	
popt	1.16	X11 License	
prelink	0.5.0	GNU General Public License v2.0 or later	
projectatomic/skopeo	0.1.41	Apache License 2.0	
projectatomic/skopeo	v0.1.39	Apache License 2.0	
protobuf	3.5.0	MIT License	
psmisc	23.1	GNU General Public License v2.0 only	
publicsuffix-list-dafsa	20180723	Mozilla Public License 2.0	
py-ipaddress	1.0.18	Python Software Foundation License 2.0	
py-rsa	3.4.2	BSD 3-clause "New" or "Revised" License	
py3-h5py	2.9.0	BSD 3-clause "New" or "Revised" License	
py3-loky	2.9.0	BSD 3-clause "New" or "Revised" License	
py3-rabbit	1.1.0	BSD 3-clause "New" or "Revised" License	
pydata-patsy	0.5.1	BSD 2-clause "Simplified" License	
pymc3	v3.6	Apache License 2.0	
pypi/setuptools	39.2.0	Python Software Foundation License 2.0	
pypi/setuptools	40.8.0	MIT License	
python-backports.ssl-match-hostname	3.5.0.1	Python Software Foundation License 2.0	
python-dateutil	2.7.3	Apache License 2.0	
python-dcrpm	0.6.2	GNU General Public License v2.0 or later	
python-ipaddress	1.0.18	Python Software Foundation License 2.0	
python-itsdangerous	0.24	BSD 3-clause "New" or "Revised" License	
python-pip-wheel	18.1	Python Software Foundation License 2.0	

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python-pymc3	3.9.3	Apache License 2.0	
python-pyparsing	2.2.0	MIT License	
python-webencodings	0.5.1	BSD 3-clause "New" or "Revised" License	
python-werkzeug	0.14.1	BSD 3-clause "New" or "Revised" License	
python2-backports	1	Public Domain	
python2-boto	2.45.0	MIT License	
python2-kazoo	2.5.0	Apache License 2.0	
python2-pyrabbit2	1.0.6	MIT License	
python2-requests	2.20.0	Apache License 2.0	
python2-rsa	3.4.2	Apache License 2.0	
python2-urllib3	1.24.3	MIT License	
python3	3.7.0	Python Software Foundation License 2.0	
python3	3.7.5	Python Software Foundation License 2.0	
python3-hawkey	0.31.0	GNU Library General Public License v2 or later	
python3-libcomps	0.1.11	GNU General Public License v2.0 or later	
python3-libdnf	0.31.0	GNU Library General Public License v2 or later	
python3-libdnf	0.35.1	GNU Library General Public License v2 or later	
python3-libs	3.7.0	Python Software Foundation License 2.0	
python3-libs	3.7.5	Python Software Foundation License 2.0	
python3-pytoml	0.1.18	MIT License	
python3-rpm-generators	6	GNU General Public License v2.0 or later	
python3-rpm-macros	3	MIT License	
python3-rsa	3.4.2	Apache License 2.0	
python3-theano	1.0.4	BSD 3-clause "New" or "Revised" License	
qdox	2	Apache License 2.0	
qrencode-libs	3.4.4	GNU Library General Public License v2 only	

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qt5	5.11.1	GNU General Public License v3.0 or later	
quartz-jobs	2.3.2	Apache License 2.0	
reactor-junit4	4.12.1	Apache License 2.0	
redhat-rpm-config	118	GNU General Public License v1.0 only	
reflection4j	1.0.0-beta2	Apache License 2.0	
reflections	0.9.11	Do What The F*ck You Want To Public License	
repackaged-shiro	0.13.4	Eclipse Public License 1.0	
requests	2.18.4	Apache License 2.0	
requests	2.20.0	Apache License 2.0	
rh-maven35-junit	4.12	Eclipse Public License 1.0	
rh-maven35-mockito	1.10.19	MIT License	
rh-maven36-jzlib	1.1.3	BSD 3-clause "New" or "Revised" License	
rh-maven36-log4j12	1.2.17	Apache License 2.0	
rome	1.12.2	Apache License 2.0	
rome-utils	1.12.2	Apache License 2.0	
rpm-plugin-selinux	4.14.2.1	GNU General Public License v2.0 or later	
rpm-software-management/librepo	1.10.5	GNU Lesser General Public License v2.1 only	
rsync	3.1.3	GNU General Public License v3.0 only	
rust-srpm-macros	5	MIT License	
scalalogging	3.7.2	Apache License 2.0	
selinux-policy	3.14.2	GNU General Public License v2.0 only	
selinux-policy-targeted	3.14.2	GNU General Public License v2.0 only	
service-sdk	1.4.0.260	Apache License 2.0	
service-sdk	1.5.2.28	Apache License 2.0	
setup	2.13.3	Public Domain	
setup	2.8.71-6.el7	Public Domain	
sites.google.com/site/vdeeditor/Home/vde-files/rpsort-manual	2.22	BSD 3-clause "New" or "Revised" License	
slf4j-log4j12	1.7.25	Apache License 2.0	
slf4j-nop	1.7.29	MIT License	

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smbj	0.7.0	Apache License 2.0	
snappy-java	1.0.5	Apache License 2.0	
snappy-java	1.1.7.2	Apache License 2.0	
snappy-java	1.1.7.3	Apache License 2.0	
software.amazon.awscdk:s3-deploy-ment	0.14.1	Apache License 2.0	
solr4j-demo	1.0.0	Apache License 2.0	
spals-appbuilder-annotations	0.6.1	BSD 3-clause "New" or "Revised" License	
sql-to-mongo-db-query-converter	1.2	Apache License 2.0	
sqlite-libs	3.26.0	Public Domain	
ss_css2	0.9.3	MIT License	
stax-ex	1.8.2	Eclipse Distribution License - v 1.0	
storm-starter	1.2.4	Apache License 2.0	
strace	5.3	GNU Lesser General Public License v2.1 or later	
strace	v5.3	BSD 3-clause "New" or "Revised" License	
subversion-libs	1.12.2	Apache License 2.0	
swagger-core	2.0.2	Apache License 2.0	
swagger-integration	2.0.2	Apache License 2.0	
swagger-integration	2.0.3	Apache License 2.0	
swagger-jaxrs2	2.0.2	Apache License 2.0	
swagger-jersey2-jaxrs (Jersey 2.x support)	1.5.7	Apache License 2.0	
swagger-jersey2-jaxrs (Jersey 2.x support)	1.5.9	Apache License 2.0	
swagger-models	2.0.2	Apache License 2.0	
swagger-parser	2.0.0-rc3	Apache License 2.0	
swagger-parser	2.0.1	Apache License 2.0	
swagger-parser-v3	2.0.1	Apache License 2.0	
swagger-tools-cli	0.2.2	MIT License	
systemd	239	GNU Lesser General Public License v2.1 only	
systemd-libs	239	MIT License	
systemd-pam	239	MIT License	



Component	Version	License	Modified
systemd-rpm-macros	239	GNU Library General Public License v2 or later	
systemd-sysvinit	239	GNU Lesser General Public License v2.1 or later	
sysvinit	2.88	GNU General Public License v2.0 or later	
testUtils	1.7.0	MIT License	
texinfo - GNU documentation system	6.5	GNU General Public License v3.0 only	
theano	1.0.4	BSD 3-clause "New" or "Revised" License	
thin-provisioning-tools	0.8.5	GNU General Public License v3.0 only	
time	1.9	GNU General Public License v3.0 only	
tomcat-el-3.0-api	9.0.26	Apache License 2.0	
tomcat-jsp-2.3-api	9.0.26	Apache License 2.0	
tomcat-jsp-2.3-api	9.0.30	Apache License 2.0	
tomcat-lib	9.0.26	Apache License 2.0	
tomcat-ssi	9.0.30	Apache License 2.0	
tomviz	1.8.0	BSD 3-clause "New" or "Revised" License	
tqdm	4.31.1	Mozilla Public License 2.0	
ttmkfdir	3.0.9	GNU Library General Public License v2 only	
tzdata-java	2019c	Public Domain	
udunits	4.5.5	NetCDF license	
unzip	3	Info-ZIP 1999-Oct-05 License	
urllib3	1.24.3	MIT License	
urllib3-python3	1.22	MIT License	
util-linux	2.32.1	Public Domain	
velocity.apache.org/tools/devel	1.7	Apache License 2.0	
vespa-feed-client	7.407.45	Apache License 2.0	
watchconf-util	0.0.15	BSD 3-clause "New" or "Revised" License	
xdm	6.9.0.dfsg.1	X11 License	
xfspgrog	4.18.0	GNU Library General Public License v2 or later	
xorg-x11-font-utils	7.5	MIT License	

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yajl	2.1.0	ISC License	
yajl-c	2.1.0	BSD 3-clause "New" or "Revised" License	
zchunk	1.1.5	MIT License	
zchunk-libs	1.1.2	MIT License	
zip	3	BSD 3-clause "New" or "Revised" License	
zkclient	0.5	Apache License 2.0	
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Terence Parr  
parrt@cs.usfca.edu  
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in the program `Gnomovision' (which makes passes at compilers)

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Version 2, June 1991  
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Version 3, 29 June 2007

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2011, James Page <james.page@ubuntu.com>  
2011-2012, Brian Thomason <brian.thomason@eucalyptus.com>  
2012, Damien Raude-Morvan <drazzib@debian.org>  
2013-2017, Emmanuel Bourg <ebourg@apache.org>  
2015-2018, Markus Koschany <apo@debian.org>  
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived | Year |
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from compatible? (1) 0.9.0 thru

1.2

1991-1995 CWI yes 1.3 thru 1.5.2 1.2

1995-1999 CNRI yes

1.6

1.5.2 2000

CNRI no

2.0

1.6

2000 BeOpen.com no 1.6.1

1.6

2001

CNRI yes (2)

2.1

2.0+1.6.1 2001

PSF no 2.0.1

2.0+1.6.1 2001

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2.1+2.0.1 2001

PSF yes

2.2

2.1.1 2001

PSF yes 2.1.2

2.1.1 2002

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2.2

2002

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2.3.2 2002-2003

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