

Open Source Licenses – Verint Text Analytics

Revision 1.03
November 2025

Unauthorized use, duplication, or modification of this document in whole or in part without the written consent of Verint Systems Inc. is strictly prohibited. By providing this document, Verint Systems Inc. is not making any representations regarding the correctness or completeness of its contents and reserves the right to alter this document at any time without notice. Features listed in this document are subject to change. Contact your Verint representative for current product features and specifications. All marks referenced herein with the ® or TM symbol are registered trademarks or trademarks of Verint Systems Inc. or its subsidiaries. All rights reserved. All other marks are trademarks of their respective owners.

© 2025 Verint Systems Inc. All rights reserved worldwide.

Table of Contents

Open Source Attribution	1
-------------------------------	---

Open Source Attribution

Certain components of this Software or software contained in this Product (collectively, "Software") may be covered by so-called "free or open source" software licenses ("Open Source Components"), which includes any software licenses approved as open source licenses by the Open Source Initiative or any similar licenses, including without limitation any license that, as a condition of distribution of the Open Source Components licensed, requires that the distributor make the Open Source Components available in source code format. A license in each Open Source Component is provided to you in accordance with the specific license terms specified in their respective license terms.

EXCEPT WITH REGARD TO ANY WARRANTIES OR OTHER RIGHTS AND OBLIGATIONS EXPRESSLY PROVIDED DIRECTLY TO YOU FROM VERINT, ALL OPEN SOURCE COMPONENTS ARE PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.

Any third party technology that may be appropriate or necessary for use with the Verint Product is licensed to you only for use with the Verint Product under the terms of the third party license agreement specified in the Documentation, the Software or as provided online at <http://verint.com/thirdpartylicense>. You may not take any action that would separate the third-party technology from the Verint Product. Unless otherwise permitted under the terms of the third-party license agreement, you agree to only use the third-party technology in conjunction with the Verint Product.

The following Open Source Components may be included with this Software:

License Attributions for Text Analytics

- ASM based accessors helper used by json-smart, Apache Ant, Apache Camel, Apache Commons BeanUtils, Apache Commons Codec, Apache Commons Collections, Apache Commons Compress, Apache Commons Configuration, Apache Commons IO, Apache Commons Lang, Apache Commons Logging, Apache Commons Math, Apache Commons Pool, Apache Commons Text, Apache Groovy, Apache HTTPComponents Core, Apache HttpClient, Apache HttpMime, Apache Ivy, Apache Kafka, Apache Log4J API, Apache Log4j, Apache Log4j JUL Adapter, Apache Log4j Jakarta Web, Apache Log4j SLF4J 2.0 Binding, Apache Log4j SLF4J Binding, Apache Log4j Spring Boot Support, Apache Log4j Web Adapters, Apache Log4j to SLF4J Adapter, Apache Lucene, Apache Lucene (module: common), Apache Lucene (module: icu), Apache Lucene (module: kuromoji), Apache Lucene (module: morfologik), Apache Lucene (module: smartcn), Apache POI, Apache POI - OOXML Schemas (lite), Apache Solr (module: api), Apache Solr (module: solrj-streaming), Apache Solr (module: solrj-zookeeper), Apache Solr Solrj, Apache Tomcat, Apache Yetus - Audience Annotations, Apache ZooKeeper, Apache ZooKeeper - Jute, Apereo CAS, Byte Buddy, Caffeine cache, Camel :: Attachments, Camel :: Bean, Camel :: Browse, Camel :: Cloud, Camel :: Cluster, Camel :: Controlbus, Camel :: Core Catalog, Camel :: DataSet, Camel :: Dataformat, Camel :: Direct, Camel :: Direct VM, Camel :: HTTP :: Base, Camel :: Health, Camel :: Language, Camel :: Log, Camel :: Main, Camel :: Micrometer, Camel :: Mock, Camel :: Ref, Camel :: Saga, Camel :: Scheduler, Camel :: Seda, Camel :: Spring Main, Camel :: Stub, Camel :: Timer, Camel :: Tooling :: Model, Camel :: Util :: JSon, Camel :: VM, Camel :: Validator, Camel :: XML IO, Camel :: XML IO Util, Camel :: XML JAXP, Camel :: XML JAXP Util, Camel :: XPath, Camel :: XSLT, Camel :: YAML IO, Camel Language Server Protocol :: Server Implementation, Camel SB :: Spring Boot Component, Camel SB Starters :: XML JAXP, Ehcache, FasterXML/jackson-modules-java8, Filters-Helpers, FindBugs jsr305, Google Guice, Graphite Integration for Metrics, Guava InternalFutureFailureAccess and InternalFutures, Guava ListenableFuture only, JCL 1.2 Implemented Over SLF4J, JWT :: API, JWT :: Extensions :: Jackson, JWT :: Impl, Jackson Integration for Metrics, Jackson module: Jakarta XML Bind Annotations (jakarta.xml.bind), Jackson-Datatype-JSR310, Jackson-module-parameter-names, Jakarta Dependency Injection, Joda Time, Log4J Compatibility API, Log4j Implemented Over SLF4J, Lucene Analyzers, Lucene Facets, Lucene Queries,

Lucene Query Parser, Lucene Sandbox, Maven Archiver, Maven Artifact Resolver API, Maven Artifact Resolver Utilities, Maven Assembly Plugin, Maven Common Artifact Filters, Maven Compiler Plugin, Maven Filtering, Maven Incremental Build support utilities, Maven Resources Plugin, Metrics Core, Metrics Core Library, Metrics Integration with JMX, Netty Project, Netty/Codec/Base, Netty/Codec/Compression, Netty/Codec/Marshalling, Netty/Codec/Protobuf, Netty/TomcatNative [BoringSSL - Static], Netty/TomcatNative [OpenSSL - Classes], Netty/Transport/Classes/Epoll, Netty/Transport/Classes/KQueue, Netty/Transport/Native/KQueue, Netty/Transport/Native/Unix/Common, OPS4J Pax Logging - Log4j v2, PathJson, Play, Play-AHC-WS, Play-Akka-Http-Server, Play-Build-Link, Play-Configuration, Play-Exceptions, Play-Filters-Helpers, Play-Guice, Play-Logback, Play-Server, Play-Streams, Play-WS, Plexus, Plexus IO Components, Plexus Interpolation API, Plexus Javac Component, Plexus Languages :: Java, Plexus XML Utilities, Prometheus Metrics Config, Prometheus Metrics Core, Prometheus Metrics Exposition Formats, Prometheus Metrics Exposition Text Formats, Prometheus Metrics Model, Prometheus Metrics Tracer Common, Pure-java LZ4 and xxHash, QDox, Quartz Enterprise Job Scheduler, SNMP4J, Scala, SnakeYAML, SparseBitSet, Spring Boot, Spring Commons Logging Bridge, Spring Data Commons, Spring Data JPA, Spring Framework, Spring Kafka, Spring Vault Core, Spring-Boot Starter :: Camel :: Bean, Spring-Boot Starter :: Camel :: Browse, Spring-Boot Starter :: Camel :: Controlbus, Spring-Boot Starter :: Camel :: Core, Spring-Boot Starter :: Camel :: DataSet, Spring-Boot Starter :: Camel :: Dataformat, Spring-Boot Starter :: Camel :: Direct, Spring-Boot Starter :: Camel :: File, Spring-Boot Starter :: Camel :: Jackson, Spring-Boot Starter :: Camel :: Kafka, Spring-Boot Starter :: Camel :: Language, Spring-Boot Starter :: Camel :: Log, Spring-Boot Starter :: Camel :: Metrics, Spring-Boot Starter :: Camel :: Mock, Spring-Boot Starter :: Camel :: REST, Spring-Boot Starter :: Camel :: Ref, Spring-Boot Starter :: Camel :: Saga, Spring-Boot Starter :: Camel :: Scheduler, Spring-Boot Starter :: Camel :: Seda, Spring-Boot Starter :: Camel :: Servlet, Spring-Boot Starter :: Camel :: Spring Boot, Spring-Boot Starter :: Camel :: Stub, Spring-Boot Starter :: Camel :: Timer, Spring-Boot Starter :: Camel :: Validator, Spring-Boot Starter :: Camel :: XPath, Spring-Boot Starter :: Camel :: XSLT, StreamNative :: Pulsar Protocol Handler :: Kafka Client 1.0.0, Ukrainian POS tag dictionary for Morfologik, XMLBeans, akka-actor, akka-actor-typed, akka-http-core, akka-parsing, akka-quartz-scheduler, akka-serialization-jackson, akka-slf4j, akka-stream, ant-antlr, apache/maven-shared-utils, cabe-processor-all, cachecontrol, commons-cli, config - com.typesafe:config, connector-http-base, easymockobjenesis, error-prone annotations, googlegson, googleguava, httpcomponents-core, httpcore5, huawei-gson, io.swagger:swagger-annotations, j2html, j2objc - Java to IOS, jackson-annotations, jackson-core, jackson-databind, jackson-dataformat-binary, jackson-dataformat-csv, jackson-dataformat-smile, jackson-dataformat-yaml, jackson-datatype-joda, jackson-module-scala, jackson-modules-java8, jakartaeevalidation, jansi-native, javaRuntype, javax.inject:javax.inject, jolokia-client-jmx-adapter, jose4j, json-simple, json-smart, json4s-ast, json4s-core, json4s-jackson, json4s-jackson-core, json4s-scalap, jsr107, lz4java, micrometer-commons, micrometer-metrics, micrometer-observation, micrometer-registry-datadog, micrometer-registry-prometheus, ognl, opentelekomcloud-functiongraph-java-samples-doc-logging-slf4j, org.apache.camel:camel-http, org.apache.camel:camel-jetty, org.apache.groovy:groovy-json, org.apache.groovy:groovy-macro, org.apache.groovy:groovy-nio, org.apache.groovy:groovy-sql, org.apache.groovy:groovy-xml, org.apiguardian:apiguardian-api, org.opentest4j:opentest4j, picocli - a mighty tiny Command Line Interface, play-ahc-ws-standalone, play-functional, play-json, play-ws-standalone, play-ws-standalone-json, play-ws-standalone-xml, plexus-archiver, plexus-build-api, plexus-compiler, plexus-utils, scala-collection-compat, scala-java8-compat, scala-logging, scala-parser-combinators, scala-xml, shaded-asynchttpclient, shaded-oauth, snappy-java, spring-boot-jarmode-tools, spring-boot-starter-logback, spring-retry, ssl-config-core, swagger-core, swagger-jaxrs, swagger-jersey2-jaxrs (Jersey 2.x support), swagger-models, ttf-opensans, twirl-api, univocity-parsers and zip4j is Copyright 2012-2024 the original author or authors.. Licensed under Apache License 2.0.

- HyperSQL Database Engine is (c) OpenJS Foundation and other contributors. Licensed under (Hsqldb License AND Hypersonic SQL License).

- ANTLR 4 Maven plugin, ANTLR 4 Tool, ASM, ASM Commons, ASM Tree, ASM Util, Go programming language, HSQLDB, Hamcrest, JLine - Java Console input Library, Jakarta Activation, Jakarta XML Binding API, Morfologik FSA, Morfologik Stemming Dictionary for Polish, Morfologik stemming, ParaNamer Core, abego TreeLayout Core, antlr, asm-analysis, curvesapi, jcabi-matchers, scala-java8-compat, scala-stm and stringtemplate4 is a.GenOpts.Copyright. Licensed under BSD 3-clause "New" or "Revised" License.

- Bouncy Castle, Checker Qual, JOpt Simple, JUL to SLF4J bridge, Mockito_, PCollections, Project Lombok, REST Implementation for Blue Ocean, SLF4J API Module, SLF4J Simple Binding, argparse4j, generics-resolver, junit-quickcheck-core, junit-quickcheck-generators and semver4j is Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved.. Licensed under MIT License.

- CryptoAnalysis, Grizzly OSGi HttpService, Gson, jakartaee/rest, org.junit.jupiter:junit-jupiter-api, org.junit.jupiter:junit-jupiter-engine, org.junit.platform:junit-platform-commons, org.junit.platform:junit-platform-engine and org.junit.platform:junit-platform-launcher is Copyright (c) 2013, 2020, Oracle and/or its affiliates. All rights reserved.

- Jakarta Annotations API, Java Servlet API, Jersey and OSGi resource locator bundle is Copyright © 2019, 2022 Eclipse Foundation. All rights reserved.

- JAXB CORE, istack common utility code runtime and javax.annotation API is Copyright (c) 1997-2012 Oracle and/or its affiliates. All rights reserved.. Licensed under (GNU General Public License v2.0 w/Classpath exception OR Common Development and Distribution License 1.1).
- Logback is Copyright (C) 1999-2015, QOS.ch. All rights. Licensed under (GNU Lesser General Public License v2.1 only OR Eclipse Public License 1.0).
- Aopalliance Version 1.0 Repackaged As A Module, Class Model for Hk2, HK2 API module, HK2 Implementation Utilities, HK2 Spring Bridge, HK2 core module, HK2 module of HK2 itself, Jakarta Annotations API, Run Level Service and ServiceLocator Default Implementation is Copyright (c) 2005, 2023 Oracle and/or its affiliates. All rights reserved.
- akka-actor, akka-actor-typed, akka-protobuf-v3, akka-serialization-jackson, akka-slf4j and akka-stream is (c) OpenJS Foundation and other contributors
- c3p0:JDBC DataSources/Resource Pools and mchange-commons-java is Copyright (C) 2018 Machinery For Change, Inc.
- zstd-jni is (c) OpenJS Foundation and other contributors. Licensed under BSD 2-clause "Simplified" License.
- Angus Activation Registries, JAXB CORE, JAXB Runtime, Jakarta Activation API, MIME streaming extension, TXW2 Runtime, com.sun.xml.bind:jaxb-impl, istack common utility code runtime and jakarta.xml.bind:jakarta.xml.bind-api is Copyright (c) 2003, 2024 Oracle and/or its affiliates. All rights reserved.
- AOP Alliance (Java/J2EE AOP standard), JSON-java and XZ for Java is Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved.. Licensed under Public Domain.
- Jakarta Activation, Java Servlet API, Jersey, TXW2 Runtime, jax-rs-ri and jersey-repackaged-guava is Copyright (c) 2012-2013 Oracle and/or its affiliates. All rights reserved.
- Javassist is Copyright (C) 2004 Bill Burke. All Rights Reserved.. Licensed under (Mozilla Public License 1.1 OR GNU Lesser General Public License v2.1 or later OR Apache License 2.0).
- javaparser-core is Copyright (C) 2015-2016 Federico Tomassetti. Licensed under (Apache License 2.0 AND GNU Lesser General Public License v3.0 or later).
- Java(TM) Persistence API Specification is (c) The licenses granted in Sections. Licensed under Common Development and Distribution License 1.0.
- Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server is Copyright (c) 1995 Mort Bay Consulting Pty Ltd and others.. Licensed under (Apache License 2.0 OR Eclipse Public License 2.0).
- JUnit is @author Tibor Digana (tibor17)
- Core :: Compression :: Common, Core :: Compression :: Gzip Support, EE10 :: Jetty :: Servlet Handling, EE10 :: Jetty :: Webapp Application Support, Jetty :: ALPN :: JDK9 Client Implementation, Jetty :: ALPN Client, Jetty :: HTTP2 :: Client, Jetty :: HTTP2 :: Common, Jetty :: HTTP2 :: HPACK, Jetty :: HTTP2 :: HTTP Client Transport, Jetty Core :: EE Utility Classes and Jetty Core :: Sessions is Copyright (c) 1995 Mort Bay Consulting Pty Ltd and others.. Licensed under (Apache License 2.0 AND Eclipse Public License 2.0).
- Jetty: Java based HTTP/1.x, HTTP/2, Servlet, WebSocket Server is Copyright: 2002, The Apache Software Foundation
- Javassist is Copyright (c) 2015, 2023, Oracle and/or its affiliates. All rights reserved.
- Jersey, Jersey Inject HK2, jersey-connectors-apache, jersey-container-servlet, jersey-container-servlet-core, jersey-core-server, jersey-ext-entity-filtering, jersey-inject-injectless-client, jersey-media-multipart and jersey-spring6 is Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.
- jersey-media-json-jackson is Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.
- Bouncy Castle is (c) (d) and (e) are already done
- ronmorereflections is N/A. Licensed under Do What The F*ck You Want To Public License.
- HdrHistogram is Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene
- Javassist is Copyright (C) 2004 Bill Burke. All Rights Reserved.
- FindBugs Annotations is Copyright (c) 2005 Brian Goetz and Tim Peierls. Licensed under GNU Lesser General Public License v2.1 or later.
- gatling-charts-highcharts is Copyright 2011-2023 GatlingCorp (<https://gatling.io>)
- LatencyUtils is Written by Gil Tene of Azul Systems, and released to the

- ICU4J is Copyright 1996 Chih-Hao Tsai. Licensed under Unicode License v3.
- Java Native Access (JNA) is Copyright (c) 2008 Timothy Wall, All Rights Reserved. Licensed under (GNU Lesser General Public License v2.1 or later OR Apache License 2.0).
- "Java Concurrency in Practice" book annotations is Copyright (c) 2005 Brian Goetz and Tim Peierls
- reactive-streams is (C) 1995-2013 Jean-loup Gailly and Mark Adler