



QAD Third-Party Software License Document

QAD Adaptive ERP 2019 September 2019

QAD incorporates multiple technologies from third-party software vendors. These technologies are included with the product and are transparent to the user. They are listed in this document to give credit to the vendors and open-source projects that created them.

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Change Summary

The following table summarizes significant differences between this document and the previous version.

Date	Description
September 2019 (QAD Adaptive ERP 2019)	Added information for Apache Commons Crypto; Apache Commons CSV; Apache Commons Logging; Apache Commons Math; Apache Commons Net; Apache Geronimo; Apache Jakarta Oro; Apache Santuario; Apache Spark Thriftserver; Apache Tomcat; Apache XBean; Apache Xerces2; Apache XMLBeans, Apache XML Graphics Common; Apache ZooKeeper; BeanShell; Castor; Chill; ClassMate; Compress LZF; Curves API; Eclipse Compiler for Java (ECJ); Eclipse MDT XSD; Enterprise Security API (ESAPI); FindBugs; GAX (Google API eXtensions) for Java; Google API Client Library for Java; Google Cloud Common Protos for Java; Google Cloud Firestore; Google OAuth Library for Java; Hibernate Validator; Jasper Reports Libraries; Java API for RESTful Web Services; Java Bean Validation API; JavaMail API; JavaMail API JAR; JavaServer Pages API; JavaServer Pages Standard Tag Library (JSTL); Java Servlet API; Javassist; Javax Annotation API; Javax Batch API; Javax Inject; Javax JMS API; JAXB API; Jaxen XPath Library; JBoss Logging; JDOM; JetS3t; Jettison; Jetty; JFreeChart; JGroups; JLine; Joda Convert; Joda Time; JSON; JSR166e; Kryo Shaded; LevelDbjni All; Log4jdbc-log4j2; Logi Platform Services; MapStruct; MinLog; Mokito; MX4J; MySQLConnector Java; NekoHTML; Not Yet Commons SSL; Objenesis; OpenEdge; OpenSAML 2; osgi-resource-locator; OWASP Java HTML Sanitizer; Paranamer; Proto Google Cloud PubSub; Protocol Buffers [Core]; Py4J; Pyrolite; Reflections; Sardine; SLF4J Log4j; SnakeYAML; Snappy Java; Spark Cassandra Connector; Spring Data Commons Core; Spring Data JPA; Spring Framework Mobile; Spring Integration Kafka; Spring Plugin Core; Spring Retry; StAX API; Spring TestContext Framework; Stream Library; Swagger Annotations; Swagger Models; ThreeTen Backport; Univocity Parsers; Xalan-Java Serializer; xmlenc Library; XZ for Java; ZXing
March 2019 (Channel Islands 2019)	Added information for APA Web Content Reverse Proxy; APA Web Content Rewriter; Apache log4j; ApacheDS Protocol Kerberos Codec; Jackson-core; java-XMLBuilder; Jersey -RESTful Web Services; JWT; json4s; JUnit; Rhino; Spring Security SAML2 Core; Velocity; Woodstox WSTX ASL; XOM
September 2018 (Channel Islands: San Miguel 2)	Added information for ANTLR 4 Runtime; AOP Alliance; AOP Alliance Version 1.0 repackaged AS A Module; Apache Avro; Apache Batik; Apache Commons BeanUtils; Apache Commons BeanUtils Core; Apache Commons Chain; Apache Commons Cli; Apache Commons Compress; Apache Commons Configuration; Apache Commons Digester; Apache Commons FileUpload; Apache Curator; Apache Directory LDAP API; Apache Directory Server i18n; Apache Hadoop; Apache HttpClient; Apache HttpCore; Apache Ivy; Apache Parquet; Apache POI; API Common; Atomikos Transaction Manager; backport-util-concurrent; Bouncy Castle; Buddy; C3p0; Dropwizard Metrics; EMF Ecore; Error Prone Annotations; Firebase Admin; GlassFish HK2; Google Auth Library for Java; Google Auto; Google Cloud APIs and Libraries; Google HTTP Client Library for Java; gRPC Remote Procedure Calls; gson; hamcrest-core; Hamcrest-library; HikariCP; Java; HtmlCleaner; HTrace core; ICU4J; iText; Jackson; Jackson Module Parameter; Jackson Module Scala; Janino; JavaBeans Activation Framework; LZ4; Netty; OpenCensus; OWASP AntiSamy; Roaring Bitmap; Scala; Spring Boot; SpringFox; Yetus Project
March 2018 (Channel Islands: San Miguel 1)	Added information for Apache Commons Codec, Apache Commons Collections, Apache Commons DBCP2, Apache Commons Lang, JasperReports, Kibana, Logstash, SLF4J, Spring Data MongoDB, Spring Integration, Thoughtworks XStream.
September 2017 (Channel Islands: Santa Rosa 2)	Added information for Elasticsearch.
March 2017 (Channel Islands: Santa Rosa 1)	Added information for Angularartics and Google Material Icons.

Date	Description
September 2016 (Channel Islands: Santa Cruz 2)	Added information for Apache ActiveMQ Artemis, Cordova, Font Awesome, jQuery, ngCordova, Swiper, and Underscore.js.
	Removed information for ExtJS.
March 2016 (Channel Islands: Santa Cruz 1)	Added information for Apache Tika and Ext JS.
September 2015 (Channel Islands: Anacapa)	Initial publication

Third-Party Software Products

The following entries describe products that may be included in your QAD software package.

AngularJS

Vendor: Google

Vendor Web Site: <https://angularjs.org/>

Item Description: AngularJS (commonly referred to as “Angular”) is an open-source web application framework maintained by Google and by a community of individual developers and corporations to address many of the challenges encountered in developing single-page applications. It aims to simplify both the development and the testing of such applications by providing a framework for client-side model–view–controller (MVC) and model–view–viewmodel (MVVM) architectures, along with components commonly used in rich Internet applications. The AngularJS library works by first reading the HTML page, which has embedded into it additional custom tag attributes. Angular interprets those attributes as directives to bind input or output parts of the page to a model that is represented by standard JavaScript variables. The values of those JavaScript variables can be manually set within the code, or retrieved from static or dynamic JSON resources.

License Web Site: <https://opensource.org/licenses/MIT>

License: See “The MIT License (MIT)” on page 118.

Angulartics

Vendor: Angulartics

Vendor Web Site: <https://github.com/angulartics>

Item Description: Simplifies application analytics for angularJS single-page applications.

License Web Site: <https://github.com/angulartics/angulartics/blob/master/LICENSE>

License: See “The MIT License (MIT)” on page 118.

ANTLR 4 Runtime

Vendor: ANTLR

Vendor Web Site: <http://www.antlr.org/index.html>

Item Description: Another Tool for Language Recognition is a parser generator for reading, processing, executing, or translating structured text or binary files.

License Web Site: <http://www.antlr.org/license.html>

License: See “BSD License” on page 64.

AOP Alliance

Vendor: AOP Alliance

Vendor Web Site: <http://aopalliance.sourceforge.net/>



Item Description: The AOP Alliance project is a joint open-source project between several software engineering people who are interested in AOP and Java.

License Web Site: <http://aopalliance.sourceforge.net/>

License: All the source code provided by AOP Alliance is Public Domain.

AOP Alliance Version 1.0 repackaged AS A Module

Vendor: GlassFish

Vendor Web Site: <https://javaee.github.io/glassfish/>

Item Description: AOP Alliance Version 1.0 Repackaged AS A Module

License Web Site: <https://javaee.github.io/glassfish/LICENSE>

License: See “Common Development and Distribution License (CDDL-1.1)” on page 69 and “GNU GENERAL PUBLIC LICENSE” on page 93.

APA Web Content Reverse Proxy

Vendor: Apache Foundation

Vendor Web Site: <https://portals.apache.org/applications/>

Item Description: A servlet/portlet application framework dedicated to the development of reverse proxying, web content rewriting, and IFrame-based web content.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

APA Web Content Rewriter

Vendor: Apache Foundation

Vendor Web Site: <https://portals.apache.org/applications/>

Item Description: A servlet/portlet application framework dedicated to the development of reverse proxying, web content rewriting, and IFrame-based web content.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Apache ActiveMQ Artemis

Vendor: Apache

Vendor Web Site: <http://>

Item Description: A

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.



Apache Avro

Vendor: Apache Software Foundation

Vendor Web Site: <https://avro.apache.org/>

Item Description: Apache Avro command line tools and utilities are a data serialization system.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Apache Batik SVG Toolkit

Vendor: Apache Software Foundation

Vendor Web Site: <https://xmlgraphics.apache.org/batik/>

Item Description: Java-based toolkit for applications or applets that want to use images in the Scalable Vector Graphics (SVG) format for various purposes, such as display, generation or manipulation.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Apache Commons

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>

Item Description: Apache Commons is an Apache project focused on all aspects of reusable Java components.

The Apache Commons project is composed of three parts:

- The Commons Proper - A repository of reusable Java components.
- The Commons Sandbox - A workspace for Java component development.
- The Commons Dormant - A repository of components that are currently inactive.

License Web Site: <http://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Apache Commons BeanUtils

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>

Item Description: Provides wrappers for using JavaBeans.

License Web Site: <https://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Apache Commons BeanUtils Core

Vendor: Apache Software Foundation



Vendor Web Site: <http://commons.apache.org/>

Item Description: Provides wrappers for using JavaBeans

License Web Site: <http://commons.apache.org/>

License: See “Apache License v2.0” on page 61.

Apache Commons Chain

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>

Item Description: An implementation of the “Gang of Four” Chain of Responsibility pattern.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Commons Cli

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>

Item Description: Apache Commons CLI library provides an API for parsing command line options passed to programs. It is also able to print help messages detailing the options available for a command line tool.

License Web Site: <https://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Apache Commons Codec

Vendor: Apache Software Foundation

Vendor Web Site: <https://commons.apache.org/proper/commons-codec/>

Item Description: Apache Commons Codec software provides implementations of common encoders and decoders such as Base64, Hex, Phonetic, and URLs.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Commons Collections

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>

Item Description: Apache Commons Collections provides interfaces, implementations and utilities for collections handling.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.



Apache Commons Compress

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>

Item Description: The Apache Commons Compress library defines an API for working with ar, cpio, Unix dump, tar, zip, gzip, XZ, Pack200, bzip2, 7z, arj, lzma, snappy, DEFLATE, lz4, Brotli and Z files.

License Web Site: <https://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Apache Commons Configuration

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>

Item Description: Tools to assist in the reading of configuration/preferences files in various formats.

License Web Site: <https://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Apache Commons Crypto

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/proper/commons-crypto/>

Item Description: Apache Commons Crypto is a cryptographic library optimized with AES-NI (Advanced Encryption Standard New Instructions). It provides Java API for both cipher level and Java stream level. Developers can use it to implement high performance AES encryption/decryption with the minimum code and effort. Crypto does not implement the cryptographic algorithm such as AES directly. It wraps to OpenSSL or JCE, which implement the algorithms

License Web Site: <https://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Apache Commons CSV

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>

Item Description: Commons CSV reads and writes files in variations of the Comma Separated Value (CSV) format.

License Web Site: <https://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Apache Commons DBCP2

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>



Item Description: Apache Commons Project - DBCP2 is a database connection pooling services.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Commons Digester

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>

Item Description: The Digester package lets you configure an XML to Java object mapping module, which triggers certain actions, called rules, whenever a particular pattern of nested XML elements is recognized

License Web Site: <https://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Apache Commons FileUpload

Vendor: Apache Software Foundation

Vendor Web Site: <http://commons.apache.org/>

Item Description: The Commons FileUpload package makes it easy to add robust, high-performance, file upload capability to your servlets and web applications.

License Web Site: <http://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Apache Commons Lang

Vendor: Apache Software Foundation

Vendor Web Site: <https://commons.apache.org/proper/commons-lang/>

Item Description: The standard Java libraries fail to provide enough methods for manipulation of its core classes. Apache Commons Lang provides these extra methods.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Commons Logging

Vendor: Apache Software Foundation

Vendor Web Site: <https://commons.apache.org>

Item Description: Provides support for logging.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.



Apache Commons Math

Vendor: Apache Software Foundation

Vendor Web Site: <https://commons.apache.org/proper/commons-math/index.html>

Item Description: Commons Math is a library of lightweight, self-contained mathematics and statistics components addressing the most common problems not available in the Java programming language or Commons Lang.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Commons Net

Vendor: Apache Software Foundation

Vendor Web Site: <https://mvnrepository.com/artifact/commons-net/commons-net>

Item Description: Apache Commons Net library contains a collection of network utilities and protocol implementations. Supported protocols include: Echo, Finger, FTP, NNTP, NTP, POP3(S), SMTP(S), Telnet, Whois

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Curator

Vendor: Apache Software Foundation

Vendor Web Site: <https://curator.apache.org/>

Item Description: Apache Curator is a Java/JVM client library for Apache ZooKeeper, a distributed coordination service. It includes a high-level API framework and utilities to make using Apache ZooKeeper much easier and more reliable. It also includes recipes for common use cases and extensions, such as service discovery and a Java 8 asynchronous DSL.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Directory LDAP API

Vendor: Apache Software Foundation

Vendor Web Site: <https://directory.apache.org/api/>

Item Description: The Apache Directory LDAP API is an on-going effort to provide an enhanced LDAP API, as a replacement for JNDI and the existing LDAP API (jLDAP and Mozilla LDAP API). This is a “schema aware” API with some convenient ways to access all types of LDAP servers, not only Apache DS but any LDAP server.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.



Apache Directory Server i18n

Vendor: Apache Software Foundation

Vendor Web Site: <https://directory.apache.org/>

Item Description: Extensible and embeddable Java-based directory server, certified LDAPv3 compatible, supports Kerberos 5 and the Change Password Protocol. Introduces triggers, stored procedures, queues and views to internationalization of errors and other messages.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Geronimo

Vendor: Apache Software Foundation

Vendor Web Site: <https://geronimo.apache.org>

Item Description: Apache Geronimo is an open source server runtime that integrates the best open source projects to create Java/OSGi server runtimes that meet the needs of enterprise developers and system administrators.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Hadoop

Vendor: Apache Software Foundation

Vendor Web Site: <http://hadoop.apache.org/>

Item Description: The Apache Hadoop software library is a framework that allows for the distributed processing of large data sets across clusters of computers using simple programming models.

License Web Site: <http://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Apache HttpClient

Vendor: Apache Software Foundation

Vendor Web Site: <https://hc.apache.org/httpcomponents-client-4.5.x/index.html>

Item Description: The Hyper-Text Transfer Protocol (HTTP) is perhaps the most significant protocol used on the Internet today. Web services, network-enabled appliances, and the growth of network computing continue to expand the role of the HTTP protocol beyond user-driven web browsers, while increasing the number of applications that require HTTP support.

Although the `java.net` package provides basic functionality for accessing resources via HTTP, it does not provide the full flexibility or functionality needed by many applications. The Jakarta Commons HttpClient component seeks to fill this void by providing an efficient, up-to-date, and feature-rich package implementing the client side of the most recent HTTP standards and recommendations.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>



License: See “Apache License v2.0” on page 61.

Apache HttpCore

Vendor: Apache Software Foundation

Vendor Web Site: <https://hc.apache.org/httpcomponents-core-4.4.x/index.html>

Item Description: HttpCore is a set of low-level HTTP transport components that can be used to build custom client and server side HTTP services with a minimal footprint. HttpCore supports two I/O models: blocking I/O model based on the classic Java I/O, and non-blocking, event-driven I/O model based on Java NIO.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Ivy

Vendor: Apache Software Foundation

Vendor Web Site: <http://ant.apache.org/ivy/index.html>

Item Description: Apache Ivy is a dependency manager focusing on flexibility and simplicity.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Jakarta Oro

Vendor: Apache Software Foundation

Vendor Web Site: <https://jakarta.apache.org/oro/>

Item Description: Apache Jakarta Oro provides classes for regular expressions

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache log4j

Vendor: Apache Software Foundation

Vendor Web Site: <https://logging.apache.org/log4j/1.2/>

Item Description: A logging library for Java.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Lucene

Vendor: Apache Software Foundation

Vendor Web Site: <http://lucene.apache.org/>



Item Description: Apache Lucene is a free and open-source information retrieval software library, originally written in Java by Doug Cutting. It is supported by the Apache Software Foundation and is released under the Apache Software License.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Parquet

Vendor: Apache Software Foundation

Vendor Web Site: <https://parquet.apache.org/>

Item Description: Apache Parquet is a columnar storage format available to any project in the Hadoop ecosystem, regardless of the choice of data processing framework, data model or programming language. It is similar to the other columnar-storage file formats available in Hadoop namely RCFile and ORC.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache POI

Vendor: Apache Software Foundation

Vendor Web Site: <https://poi.apache.org/>

Item Description: Apache POI is an API that allows programmers to create, modify, and display MS Office files using Java programs. It is an open source library developed and distributed by Apache Software Foundation to design or modify Microsoft Office files using Java program.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Santuario

Vendor: Apache Software Foundation

Vendor Web Site: <https://poi.apache.org/>

Item Description: The Apache Santuario™ project is aimed at providing implementation of the primary security standards for XML:

- XML-Signature Syntax and Processing
- XML Encryption Syntax and Processing.

Two libraries are currently available.

- Apache XML Security for Java: This library includes the standard JSR-105 (Java XML Digital Signature) API, a mature DOM-based implementation of both XML Signature and XML Encryption, as well as a more recent StAX-based (streaming) XML Signature and XML Encryption implementation.
- Apache XML Security for C++: This library includes a mature Digital Signature and Encryption implementation using a proprietary C++ API on top of the Xerces-C XML Parser's DOM API. It includes a pluggable cryptographic layer, but support for alternatives to OpenSSL are less complete and less mature.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Spark

Vendor: Apache Software Foundation

Vendor Web Site: <https://spark.apache.org/>

Item Description: Apache Spark is a fast and general engine for large-scale data processing.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Spark Thriftserver

Vendor: Apache Software Foundation

Vendor Web Site: <https://spark.apache.org/>

Item Description: Apache Spark is a fast and general engine for large-scale data processing.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Tika

Vendor: Apache Software Foundation

Vendor Web Site: <https://tika.apache.org/>

Item Description: Provides a means to scan files for Media Type.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Tomcat

Vendor: Apache Software Foundation

Vendor Web Site: <https://tomcat.apache.org/index.html>

Item Description: The Apache Tomcat software is an open source implementation of the Java Servlet, JavaServer Pages, Java Expression Language, and Java WebSocket technologies. The Java Servlet, JavaServer Pages, Java Expression Language, and Java WebSocket specifications are developed under the Java Community Process.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Tuscany

Vendor: Apache Software Foundation



Vendor Web Site: <http://tuscany.apache.org/home.html>

Item Description: Apache Tuscany provides a service-oriented architecture (SOA) and the infrastructure for easily developing and running applications using a service-oriented approach. This lightweight runtime is designed to be embedded in, or provisioned to, a number of different host environments.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Velocity

Vendor: Apache Software Foundation

Vendor Web Site: <http://velocity.apache.org/contact.html>

Item Description: Velocity is a Java-based template engine. It permits anyone to use a simple yet powerful template language to reference objects defined in Java code.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache XBean

Vendor: Apache Software Foundation

Vendor Web Site: <https://www.openhub.net/p/xbean>

Item Description: Apache XBean is repackaged and shaded asm 5.x jars.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache Xerces2

Vendor: Apache Software Foundation

Vendor Web Site: <http://xerces.apache.org/>

Item Description: The Apache Xerces2-J Project is a collection of sub-projects used for the creation and maintenance of XML parsers and related software components.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache XMLBeans

Vendor: Apache Software Foundation

Vendor Web Site: <http://xmlbeans.apache.org/>

Item Description: Apache XMLBeans is a technology for accessing XML by binding it to Java types. XMLBeans provides several ways to get at the XML,

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>



License: See “Apache License v2.0” on page 61.

Apache XML Graphics Commons

Vendor: Apache Software Foundation

Vendor Web Site: <http://xmlgraphics.apache.org/commons/>

Item Description: Apache XML Graphics Commons is a library that consists of several reusable components used by Apache Batik and Apache FOP. Many of these components can easily be used separately outside the domains of SVG and XSL-FO.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Apache ZooKeeper

Vendor: Apache Foundation

Vendor Web Site: <https://zookeeper.apache.org/>

Item Description: ZooKeeper is a centralized service for maintaining configuration information, naming, providing distributed synchronization, and providing group services. All of these kinds of services are used in some form or another by distributed applications.

License Web Site: <http://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

ApacheDS Protocol Kerberos Codec

Vendor: Apache Software Foundation

Vendor Web Site: <https://directory.apache.org/apacheds/>

Item Description: Kerberos is a computer network authentication protocol that provides a secure single sign-on (SSO), based on a trusted third-party mutual authentication service.

License Web Site: <http://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

API Common

Vendor: Google

Vendor Web Site: <https://github.com/googleapis>

Item Description: Common utilities for Google APIs in Java.

License Web Site: <https://github.com/googleapis/api-common-java/blob/master/LICENSE>

License: See “Google License” on page 108.

AspectJ

Vendor: Eclipse



Vendor Web Site: <https://eclipse.org/org/>

Item Description: Aspect-oriented extensions to the Java programming language

License Web Site: <https://eclipse.org/org/documents/epl-v10.php>

License: See “Eclipse Public License – v1.0” on page 80.

Atomikos Transaction Manager (TransactionsEssentials)

Vendor: Atomikos

Vendor Web Site: <https://www.atomikos.com>

Item Description: TransactionsEssentials is open source transaction management with JTA/XA and connection pooling for self-contained applications outside of the application server.

License Web Site: <https://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

backport-util-concurrent

Vendor: Emory University Distributed Computing Laboratory

Vendor Web Site: <http://backport-jsr166.sourceforge.net/>

Item Description: This package is the backport of java.util.concurrent API, introduced in Java 5.0 and further refined in Java 6.0, to older Java platforms. The backport is based on public-domain sources from the JSR 166 CVS repository, the dl.util.concurrent package, and the Doug Lea’s collections package.

License Web Site: <https://creativecommons.org/licenses/publicdomain/>

License: See “Creative Commons License” on page 75.

BeanShell

Vendor: BeanShell

Vendor Web Site: <http://www.beanshell.org/home.html>

Item Description: BeanShell is a small, free, embeddable Java source interpreter with object scripting language features, written in Java. BeanShell executes standard Java statements and expressions but also extends Java into the scripting domain with common scripting language conventions and syntax. BeanShell is a natural scripting language for Java.

License Web Site: <https://opensource.org/licenses/SPL-1.0> or <https://www.gnu.org/licenses/old-licenses/lgpl-2.1.en.html>

License: See “Sun Public License, Version 1.0 (SPL-1.0)” on page 133 and “GNU LESSER GENERAL PUBLIC LICENSE” on page 101.

Bouncy Castle

Vendor: Legion of the Bouncy Castle Inc

Vendor Web Site: <http://bouncycastle.org/>



Item Description: The Bouncy Castle Crypto package is a Java implementation of cryptographic algorithms. Bouncy Castle is a collection of APIs used in cryptography. It includes APIs for both the Java and the C# programming languages. The APIs are supported by a registered Australian charitable organization: Legion of the Bouncy Castle Inc. Bouncy Castle is Australian in origin and therefore American restrictions on the export of cryptography from the United States do not apply to it.

License Web Site: <http://www.bouncycastle.org/licence.html>

License: See “The Legion of the Bouncy Castle” on page 109.

Buddy

Vendor: FunCool

Vendor Web Site: <https://funcool.github.io/>

Item Description: buddy is a complete security library for Clojure. With support for:

- authentication, authorization, and access rules (ring/compojure extensions)
- secure hash functions (digest)
- password hashing algorithms (bcrypt, pbkdf2, scrypt)
- message/text signing (high level interface)
- signature and authentication (mac and digital signature)
- encryption (block, stream ciphers, nonces, salts)
- key derivation functions (kdf)

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

C3p0

Vendor: Steve Waldman

Vendor Web Site: <https://www.mchange.com/projects/c3p0/>

Item Description: c3p0 is a Java library for JDBC drivers with JNDI-bindable DataSources, including DataSources that implement Connection and Statement Pooling, as described by the jdbc3 spec and jdbc2 std extension.

License Web Site: <http://www.gnu.org/licenses/lgpl-2.1.html>, or <http://www.eclipse.org/legal/epl-v10.html>

License: See “GNU LESSER GENERAL PUBLIC LICENSE” on page 101 or “Eclipse Public License – v1.0” on page 80.

Castor

Vendor: Codehaus

Vendor Web Site: <https://mvnrepository.com/artifact/org.codehaus.castor/castor>

Item Description: Castor is an open source data binding framework for Java. It is the shortest path between Java objects, XML documents, and relational tables.

License Web Site: <https://castor-data-binding.github.io/castor/about/licenses.html>



License: See “Apache License v2.0” on page 61.

Chill

Vendor: Twitter

Vendor Web Site: <https://twitter.github.io>

Item Description: Extensions for the Kryo serialization library including serializers and a set of classes to ease configuration of Kryo in systems like Hadoop, Storm, Akka, etc.

License Web Site: <https://github.com/twitter/chill/blob/develop/LICENSE>

License: See “Apache License v2.0” on page 61.

ClassMate

Vendor: GitHub

Vendor Web Site: <https://github.com/FasterXML/java-classmate>

Item Description: This is a required runtime dependency of Hibernate Validator 5.2.4. ClassMate is a zero-dependency Java library for accurately introspecting type information, including reliable resolution of generic type declarations for both classes (types) and members (fields, methods, and constructors).

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Compress LZF

Vendor: Marc Lehmann

Vendor Web Site: <http://oldhome.schmorp.de/marc/liblzf.html>

Item Description: Compress LZF is a compression codec for LZF encoding, particularly for encoding/decoding, with reasonable compression. The compressor is basic Lempel-Ziv codec, without Huffman (deflate/gzip) or statistical post-encoding. See <http://oldhome.schmorp.de/marc/liblzf.html> for more on the original LZF package.

License Web Site: <http://apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Curves API

Vendor: Dustin Spicuzza (virtuald)

Vendor Web Site: <https://github.com/virtuald>

Item Description: Implementation of various mathematical curves that define themselves over a set of control points. The API is written in Java. The curves supported are: Bezier, B-Spline, Cardinal Spline, Catmull-Rom Spline, Lagrange, Natural Cubic Spline, and NURBS.

License Web Site: <https://github.com/virtuald/curvesapi/blob/master/license.txt>

License: See “BSD License” on page 64.

Dropwizard Metrics

Vendor: Dropwizard Metrics

Vendor Web Site: <https://metrics.dropwizard.io/4.0.0/>

Item Description: Dropwizard Metrics provides a powerful toolkit of ways to measure the behavior of critical components in your production environment. With modules for common libraries like Jetty, Logback, Log4j, Apache HttpClient, Ehcache, JDBI, Jersey and reporting backends like Graphite, Metrics provides full-stack visibility.

License Web Site: <http://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Eclipse Compiler for Java (ECJ)

Vendor: Eclipse

Vendor Web Site: <http://www.eclipse.org/jdt/>

Item Description: Eclipse JDT Core Batch Compiler.

License Web Site: <https://opensource.org/licenses/EPL-1.0>

License: See “Eclipse Public License – v1.0” on page 80.

Eclipse MDT XSD

Vendor: Eclipse

Vendor Web Site: <https://www.eclipse.org/modeling/mdt/?project=xsd>,
<https://projects.eclipse.org/projects/modeling.mdt.xsd>

Item Description: XSD is a library that provides an API for manipulating the components of an XML Schema as described by the W3C XML Schema specifications, as well as an API for manipulating the DOM-accessible representation of XML Schema as a series of XML documents, and for keeping these representations in agreement as schemas are modified.

License Web Site: <https://projects.eclipse.org/license/epl-2.0>

License: See “Eclipse Public License – v1.0” on page 80.

Ehcache

Vendor: Ehcache

Vendor Web Site: <http://www.ehcache.org/>

Item Description: Ehcache is an open source, standards-based cache that boosts performance, offloads your database, and simplifies scalability. It's the most widely-used Java-based cache because it's robust, proven, full-featured, and integrates with other popular libraries and frameworks. Ehcache scales from in-process caching, all the way to mixed in-process/out-of-process deployments with terabyte-sized caches.

License Web Site: <http://www.ehcache.org/about/license.html>

License: See “Apache License v2.0” on page 61.



Elasticsearch

Vendor: Elasticsearch

Vendor Web Site: <https://www.elastic.co/>

Item Description: Elasticsearch is a search engine based on Lucene. It provides a distributed, multi-tenant-capable, full-text search engine with an HTTP web interface and schema-free JSON documents. Elasticsearch is developed in Java and is released as open source under the terms of the Apache License.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

EMF Ecore

Vendor: Eclipse

Vendor Web Site: <https://www.eclipse.org/modeling/emf/>

Item Description: The core EMF framework includes a meta model (Ecore) for describing models and runtime support for the models including change notification, persistence support with default XMI serialization, and a very efficient reflective API for manipulating EMF objects generically.

License Web Site: <https://www.eclipse.org/legal/epl-2.0/>

License: See “Eclipse Public License – v1.0” on page 80.

Enterprise Security API (ESAPI)

Vendor: The OWASP Foundation

Vendor Web Site: <http://www.esapi.org/>,
https://www.owasp.org/index.php/Category:OWASP_Enterprise_Security_API

Item Description: The Enterprise Security API (ESAPI) project is an OWASP project to create simple, strong security controls for every web platform.

License Web Site: <https://creativecommons.org/licenses/by-sa/3.0/us/>
<https://opensource.org/licenses/BSD-2-Clause>

License: See “BSD License” on page 64 or “Creative Commons License” on page 75.

Error Prone Annotations

Vendor: Google

Vendor Web Site: <https://opensource.google.com/>

Item Description: Error Prone is Google’s Java bug detection and static analysis tool. It is integrated into the Java compiler and catches bugs at compile time. It supports plug-in checks for project-specific enforcement.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.



FindBugs

Vendor: University of Maryland

Vendor Web Site: <http://findbugs.sourceforge.net/index.html>

Item Description: FindBugs is a program that uses static analysis to look for bugs in Java code.

License Web Site: <http://apache.org/licenses/LICENSE-2.0.txt> , <http://www.gnu.org/licenses/lgpl.html>

License: See “Apache License v2.0” on page 61 and “GNU LESSER GENERAL PUBLIC LICENSE” on page 101.

Firebase Admin

Vendor: Google

Vendor Web Site: <https://firebase.google.com/>

Item Description: Push Notifications for mobile devices

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Font Awesome

Vendor: Font Awesome/Dave Gandy

Vendor Web Site: <http://fontawesome.io/>

Item Description: An icon font toolset.

License Web Site: <http://fontawesome.io/license/>

License: See “The MIT License (MIT)” on page 118, “SIL OPEN FONT LICENSE” on page 131, and “Creative Commons License” on page 75.

GAX (Google API EXtensions) for Java

Vendor: Google

Vendor Web Site: <https://mvnrepository.com/artifact/com.google.api/gax-grpc>

Item Description: Google Api eXtensions for Java

License Web Site: <https://mvnrepository.com/artifact/com.google.api>

License: See “BSD License” on page 64.

GlassFish HK2

Vendor: Oracle Corporation (initial code from Sun Microsystems)

Vendor Web Site: <https://javaee.github.io/glassfish/>

Item Description: GlassFish is the reference implementation of Java EE and as such supports Enterprise JavaBeans, JPA, JavaServer Faces, JMS, RMI, JavaServer Pages, servlets, etc. This allows developers to create enterprise applications that are portable and scalable, and that integrate with legacy technologies.



License Web Site: <https://javaee.github.io/glassfish/LICENSE>

License: See “Common Development and Distribution License (CDDL-1.1)” on page 69.

Google API Client Library for Java

Vendor: Google

Vendor Web Site: <https://developers.google.com/api-client-library/java/>

Item Description: The Google API Client Library for Java provides functionality common to all Google APIs, for example HTTP transport, error handling, authentication, JSON parsing, media download/upload, and batching. The library includes a powerful OAuth 2.0 library with a consistent interface; lightweight, efficient XML and JSON data models that support any data schema; and support for protocol buffers.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Google Auth Library for Java

Vendor: Google

Vendor Web Site: https://developers.google.com/api-client-library/javascript/features/authentication#top_of_page

Item Description: Google Auth Library For Java

License Web Site: <http://opensource.org/licenses/BSD-3-Clause>

License: See “BSD License” on page 64.

Google Auto

Vendor: Google

Vendor Web Site: <https://opensource.google.com/projects/auto>

Item Description: A collection of code generators for Java. The Auto subprojects are a collection of code generators that automate those types of tasks. They create the code you would have written, but without the bugs.

License Web Site: <http://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Google Cloud APIs and Libraries

Vendor: Google

Vendor Web Site: <https://cloud.google.com/java/>

Item Description: A broad set of idiomatic Java APIs and libraries for Google Cloud Storage.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.



Google Cloud Common Protos for Java

Vendor: Google LLC

Vendor Web Site: <https://mvnrepository.com/artifact/com.google.api.grpc/proto-google-common-protos/1.9.0>

Item Description: This repository is a home for the protocol buffer types, which are common dependencies throughout the Google API ecosystem, and which are made available for use as dependencies elsewhere

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Google Cloud Firestore

Vendor: Google

Vendor Web Site: <https://cloud.google.com/firestore>

Item Description: Cloud Firestore is a NoSQL document database built for automatic scaling, high performance, and ease of application development. While the Cloud Firestore interface has many of the same features as traditional databases, as a NoSQL database it differs from them in the way it describes relationships between data objects.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Google HTTP Client Library for Java

Vendor: Google

Vendor Web Site: <https://github.com/googleapis/google-http-java-client>

Item Description: Google HTTP Client Library for Java. Functionality that works on all supported Java platforms, including Java 5 (or higher) desktop (SE) and web (EE), Android, and Google App Engine.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Google Material Icons

Vendor: Google

Vendor Web Site: <https://material.io/icons/>

Item Description: Icon set for use on user interfaces and web sites.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Google OAuth Library for Java

Vendor: Google



Vendor Web Site: https://developers.google.com/api-client-library/javascript/features/authentication#top_of_page

Item Description: The Google OAuth Client Library for Java is designed to work with any OAuth service on the web, not just with Google APIs. The library is built on the Google HTTP Client Library for Java, and it supports Java 6 (or higher), standard (SE) and enterprise (EE), Android 4.0 (or higher), and Google App Engine.

License Web Site: <http://opensource.org/licenses/BSD-3-Clause>

License: See “BSD License” on page 64.

gRPC Remote Procedure Calls

Vendor: GRPC

Vendor Web Site: <https://grpc.io/>

Item Description: gRPC is a modern, open source remote procedure call (RPC) framework that can run anywhere. It enables client and server applications to communicate transparently, and makes it easier to build connected systems.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

gson

Vendor: Google (unsupported)

Vendor Web Site: <https://opensource.google.com/> <https://github.com/google/gson>

Item Description: Gson is a Java library that can be used to convert Java Objects into their JSON representation. It can also be used to convert a JSON string to an equivalent Java object. Gson can work with arbitrary Java objects including pre-existing objects that you do not have source-code of.

License Web Site: <https://github.com/google/gson>

License: See “Apache License v2.0” on page 61.

Guava Project

Vendor: Google

Vendor Web Site: <https://code.google.com/p/guava-libraries/>

Item Description: The Guava project contains several of Google’s core libraries that QAD relies on in our Java-based projects: collections, caching, primitives support, concurrency libraries, common annotations, string processing, I/O.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Hamcrest-core

Vendor: Hamcrest



Vendor Web Site: <http://hamcrest.org/>

Item Description: Hamcrest library of matcher implementations.

License Web Site: <http://www.opensource.org/licenses/bsd-license.php>

License: See “BSD License” on page 64.

Hamcrest-library

Vendor: Hamcrest

Vendor Web Site: <https://code.google.com/p/guava-libraries/>

Item Description: The Guava project contains several of Google’s core libraries that QAD relies on in our Java-based projects: collections, caching, primitives support, concurrency libraries, common annotations, string processing, I/O.

License Web Site: <http://www.opensource.org/licenses/bsd-license.php>

License: See “Modified BSD License” on page 119.

Hibernate Validator

Vendor: RedHat

Vendor Web Site: <http://hibernate.org/>

Item Description: JSR-349 Bean Validation v1.1 implementation from Hibernate. Bean Validation API simplifies code and standardizes constraints definition and validation error handling.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

HikariCP

Vendor: Brettwooldridge

Vendor Web Site: <https://brettwooldridge.github.io/HikariCP/>

Item Description: Fast, simple, reliable, HikariCP is a “zero-overhead,” production-ready JDBC connection pool. At roughly 130Kb, the library is very light.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

HtmlCleaner

Vendor: Source Forge

Vendor Web Site: <https://sourceforge.net/projects/htmlcleaner/>

Item Description: HtmlCleaner is an HTML parser written in Java. It transforms dirty HTML to well-formed XML following the same rules that most web-browsers use.

License Web Site: <https://sourceforge.net/directory/license:bsd/>



License: See “BSD License” on page 64.

HTrace core

Vendor: Apache Foundation

Vendor Web Site: <http://incubator.apache.org/projects/htrace.html>

Item Description: HTrace is a tracing framework intended for use with distributed systems written in Java.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

ICU4J

Vendor: ICU - International Components for Unicode

Vendor Web Site: <http://site.icu-project.org/>

Item Description: International Component for Unicode for Java (ICU4J) is a mature, widely used Java library providing Unicode and Globalization support.

License Web Site: <http://www.unicode.org/copyright.html#License>

License: See “UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE” on page 156.

iText

Vendor: iText

Vendor Web Site: <http://itextpdf.com>

Item Description: iText is a Java-PDF library

License Web Site: <https://github.com/itext/itextsharp/blob/develop/LICENSE.md> or <https://itextpdf.com/agpl>

License: See “GNU Affero General Public License (GNU AGPL)” on page 84.

Jackson

Vendor: Jackson Module

Vendor Web Site: <https://github.com/FasterXML/jackson>

Item Description: Jackson is a suite of data-processing tools for Java (and JVM platform), including the streaming JSON parser / generator library, matching data-binding library (POJOs to and from JSON) and additional data format modules to process data encoded in Avro, BSON, CBOR, CSV, Smile, Protobuf, XML or YAML; and even the large set of data format modules to support data types of widely used data types such as Joda, Guava, PCCollections, and many more.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.



Jackson-core

Vendor: FasterXML

Vendor Web Site: <http://fasterxml.com/>

Item Description: A core part of Jackson that defines streaming API as well as basic shared abstractions. This project contains core low-level incremental “streaming” parser and generator abstractions used by Jackson Data Processor. It also includes the default implementation of handler types (parser, generator) that handle JSON format. The core abstractions are not JSON specific, although naming does contain JSON in many places, for historical reasons. Only packages that specifically contain the word `json` are JSON-specific. This package is the base on which Jackson data-binding package builds.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Jackson JSON Processor

Vendor: Jackson

Vendor Web Site: <http://wiki.fasterxml.com/JacksonHome>

Item Description: Jackson is a suite of data-processing tools for Java (and JVM platform), including the streaming JSON parser / generator library, matching data-binding library (POJOs to and from JSON) and additional data format modules to process data encoded in Avro, BSON, CBOR, CSV, Smile, Protobuf, XML or YAML; and even the large set of data format modules to support data types of widely used data types such as Joda, Guava and many more.

License Web Site: <http://wiki.fasterxml.com/JacksonLicensing>

License: See “Apache License v2.0” on page 61.

Jackson Module Parameter

Vendor: FastXML

Vendor Web Site: <http://fasterxml.com/>

Item Description: AnnotationIntrospectors that use Paranamer (<http://paranamer.codehaus.org>) to introspect names of constructor (and factory method) parameters.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Jackson Module Scala

Vendor: FastXML

Vendor Web Site: <https://github.com/FasterXML/jackson-module-scala>

Item Description: The Scala Module supports serialization and limited deserialization of Scala Case Classes, Sequences, Maps, Tuples, Options, and Enumerations.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.



Janino

Vendor: Janino

Vendor Web Site: <http://janino-compiler.github.io/janino/>

Item Description: A super-small, super-fast Java compiler.

License Web Site: <https://raw.githubusercontent.com/janino-compiler/janino/master/LICENSE>

License: See “BSD License” on page 64.

Jasper Reports Libraries

Vendor: Jasper Reports

Vendor Web Site: <https://sourceforge.net/projects/jasperreports/>

Item Description: JasperReports Library is an open source business intelligence and reporting engine. It is entirely written in Java and it is able to use data coming from any kind of data source and produce documents that can be viewed, printed, or exported in a variety of document formats including HTML, PDF, Excel, OpenOffice, and Word.

License Web Site: <https://www.gnu.org/licenses/lgpl-3.0.en.html>

License: See “GNU LESSER GENERAL PUBLIC LICENSE” on page 101.

JasperReports

Vendor: Jaspersoft Corporation

Vendor Web Site: <http://community.jaspersoft.com/project/jasperreports-library>

Item Description: The JasperReports Library is the world’s most popular open source reporting engine. It is written entirely in Java and it is able to use data coming from any kind of data source and produce pixel-perfect documents that can be viewed, printed, or exported in a variety of document formats including HTML, PDF, Excel, OpenOffice and Word.

License Web Site: <https://www.gnu.org/licenses/lgpl-3.0.en.html>

License: See “GNU LESSER GENERAL PUBLIC LICENSE” on page 101.

Java

Vendor: Oracle

Vendor Web Site: <https://www.java.com/en/>

Item Description: Java is a general-purpose computer-programming language that is concurrent, class-based, object-oriented, and specifically designed to have as few implementation dependencies as possible.

License Web Site: www.oracle.com/technetwork/java/javase/overview/bcl-havase-366864.html

License: See “Oracle Binary Code License Agreement for the Java SE Platform Products and JavaFX” on page 127.

Java API for RESTful Web Services

Vendor: Javax

Vendor Web Site: <https://mvnrepository.com/artifact/javax.jms/javax.jms-api>

Item Description: Java API for RESTful Web Services

License Web Site: <https://www.gnu.org/licenses/old-licenses/>

License: See “Common Development and Distribution License (CDDL-1.0)” on page 64 and “GNU GENERAL PUBLIC LICENSE” on page 93.

Java Bean Validation API

Vendor: Oracle

Vendor Web Site: <http://oracle.com/>

Item Description: Bean Validation API simplifies code and standardizes constraints definition and validation error handling.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

JavaBeans Activation Framework

Vendor: Javax

Vendor Web Site: <http://java.sun.com/products/javabeans/jaf/index.jsp>

Item Description: The JavaBeans Activation Framework is used by the JavaMail API to manage MIME data.

License Web Site: <https://glassfish.dev.java.net/public/CDDLv1.0.html>

License: See “Common Development and Distribution License (CDDL-1.0)” on page 64.

java-XMLBuilder

Vendor: James Murty

Vendor Web Site: <http://james.murty.co/about/>

Item Description: XML Builder is a utility that allows simple XML documents to be constructed using relatively sparse Java code.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

JavaMail API

Vendor: Javax

Vendor Web Site: <https://mvnrepository.com/artifact/javax.jms/javax.jms-api>



Item Description: The JavaMail API provides a platform-independent and protocol-independent framework to build mail and messaging applications.

License Web Site: <https://www.gnu.org/licenses/old-licenses/gpl-2.0.en.html>, and <https://www.gnu.org/licenses/old-licenses/fdl-1.1.en.html>, <https://opensource.org/licenses/CDDL-1.0>

License: See “Common Development and Distribution License (CDDL-1.1)” on page 69 and “GNU GENERAL PUBLIC LICENSE” on page 93.

JavaMail API JAR

Vendor: Oracle

Vendor Web Site: <https://javaee.github.io/javamail/>

Item Description: The JavaMail API provides classes that model a mail system.

License Web Site: <https://javaee.github.io/javamail/LICENSE>

License: See “Common Development and Distribution License (CDDL-1.1)” on page 69 and “GNU GENERAL PUBLIC LICENSE” on page 93.

JavaServer Pages API

Vendor: Javax

Vendor Web Site: <https://mvnrepository.com/artifact/javax.servlet.jsp/jsp-api/2.1>

Item Description: The JspFactory is an abstract class that defines a number of factory methods available to a JSP page at runtime for the purposes of creating instances of various interfaces and classes used to support the JSP implementation.

License Web Site: <https://opensource.org/licenses/CDDL-1.0>, <https://www.gnu.org/licenses/old-licenses/gpl-2.0.en.html>

License: See “Common Development and Distribution License (CDDL-1.1)” on page 69 and “GNU GENERAL PUBLIC LICENSE” on page 93.

Java Servlet API

Vendor: Oracle

Vendor Web Site: <http://www.oracle.com/index.html>

Item Description: JavaServlet Specification. The javax.servlet package contains a number of classes and interfaces that describe and define the contracts between a servlet class and the runtime environment provided for an instance of such a class by a conforming servlet container.

License Web Site: <https://enterprise.dejacode.com/licenses/public/cddl-1.0/>

License: See “Common Development and Distribution License (CDDL-1.0)” on page 64.

Javassist (Java Programming Assistant)

Vendor: JBoss

Vendor Web Site: <https://mvnrepository.com/artifact/org.javassist/javassist>



Item Description: Javassist (Java Programming Assistant) simplifies Java bytecode manipulation. It is a class library for editing bytecodes in Java; it enables Java programs to define a new class at runtime and to modify a class file when the JVM loads it.

License Web Site: <https://mvnrepository.com/artifact/org.javassist/javassist>

License: See “Apache License v2.0” on page 61 and “GNU GENERAL PUBLIC LICENSE” on page 93.

Javax Annotation API

Vendor: Oracle

Vendor Web Site: <https://www.oracle.com>

Item Description: Common Annotations for the Java™ Platform API.

License Web Site: <https://github.com/javaee/javax.annotation/blob/master/LICENSE>

License: See “Common Development and Distribution License (CDDL-1.1)” on page 69 and “GNU GENERAL PUBLIC LICENSE” on page 93.

Javax Batch API

Vendor: Javax

Vendor Web Site: <https://mvnrepository.com/artifact/javax.batch/javax.batch-api-all>

Item Description: Java Batch is a new standard that makes it easier to process large amounts of data and manage how that data is processed.

License Web Site: <http://apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Javax Inject

Vendor: Javax

Vendor Web Site: <https://mvnrepository.com/artifact/javax.inject/javax.inject>

Item Description: This package specifies a means for obtaining objects in such a way as to maximize reusability, testability and maintainability compared to traditional approaches such as constructors, factories, and service locators (e.g., JNDI).

License Web Site: <http://apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Javax JMS API

Vendor: Javax

Vendor Web Site: <https://mvnrepository.com/artifact/javax.jms/javax.jms-api>

Item Description: A Connection object is a client’s active connection to its JMSprovider. ConnectionConsumer. For application servers, Connection objects provide a special facility for creating a ConnectionConsumer (optional).

License Web Site: <https://jersey.github.io/license.html> and <https://www.gnu.org/licenses/old-licenses/gpl-2.0.en.html>

License: See “Common Development and Distribution License (CDDL-1.1)” on page 69 and “GNU GENERAL PUBLIC LICENSE” on page 93.

JAXB API

Vendor: Glassfish

Vendor Web Site: <http://central.maven.org/maven2/com/sun/xml/bind/jaxb-core/2.3.0.1/>

Item Description: JAXB Core module. Contains sources required by XJC, JXC and Runtime modules.

License Web Site: http://glassfish.java.net/public/CDDL+GPL_1_1.html

License: See “Common Development and Distribution License (CDDL-1.1)” on page 69 and “GNU GENERAL PUBLIC LICENSE” on page 93.

Jaxen XPath Library

Vendor: Jaxen

Vendor Web Site: <http://www.cafeconleche.org/jaxen/>

Item Description: Jaxen is an open source XPath library written in Java. It is adaptable to many different object models, including DOM, XOM, dom4j, and JDOM. Is it also possible to write adapters that treat non-XML trees such as compiled Java byte code or Java beans as XML, thus enabling you to query these trees with XPath.

License Web Site: <https://opensource.org/licenses/BSD-2-Clause>

License: See “BSD License” on page 64.

JBoss Logging

Vendor: RedHat Inc.

Vendor Web Site: <https://developer.jboss.org/welcome>

Item Description: JBoss Logging is a “logging bridge” providing integration with numerous logging frameworks.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

JDOM

Vendor: JDOM

Vendor Web Site: <http://www.jdom.org/>

Item Description: A complete, Java-based solution for accessing, manipulating, and outputting XML data from Java code.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>



License: See “Apache License v2.0” on page 61.

Jersey -RESTful Web Services in Java

Vendor: Jersey

Vendor Web Site: <https://jersey.github.io/index.html>

Item Description: This is a Jersey core client implementation.

License Web Site: <https://jersey.github.io/license.html>

License: See “Common Development and Distribution License (CDDL-1.1)” on page 69.

JetS3t

Vendor: JetS3T

Vendor Web Site: <http://www.jets3t.org/index.html>

Item Description: An open source Java toolkit for Amazon S3, Amazon CloudFront, and Google Storage Service.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Jettison

Vendor: Jettison

Vendor Web Site: <https://github.com/jettison-json/jettison>

Item Description: Jettison is a Java library for converting XML to JSON and vice-versa with the help of StAX (<https://en.wikipedia.org/wiki/StAX>). It implements XMLStreamWriter and XMLStreamReader and supports Mapped and BadgerFish conventions.

License Web Site: <https://github.com/jettison-json/jettison/blob/master/LICENSE>

License: See “Apache License v2.0” on page 61.

Jetty

Vendor: Eclipse

Vendor Web Site: <https://www.eclipse.org/jetty/>

Item Description: Eclipse Jetty provides a Web server and javax.servlet container, plus support for HTTP/2, WebSocket, OSGi, JMX, JNDI, JAAS and many other integrations. These components are open source and available for commercial use and distribution.

License Web Site: <https://www.eclipse.org/jetty/licenses.html>

License: See “Apache License v2.0” on page 61.

JFreeChart

Vendor: JFreeChart



Vendor Web Site: <http://www.jfree.org/jfreechart/>

Item Description: JFreeChart is an open-source framework for the programming language Java, which allows the creation of a wide variety of both interactive and non-interactive charts. JFreeChart supports pie charts (2D and 3D), bar charts (horizontal and vertical, regular and stacked), line charts, scatter plots, time series charts, high-low-open-close charts, candlestick plots, Gantt charts, combined plots, thermometers, dials and more. JFreeChart can be used in client-side and server-side applications.

License Web Site: <https://www.gnu.org/licenses/old-licenses/lgpl-2.1.en.html>

License: See “GNU LESSER GENERAL PUBLIC LICENSE” on page 101.

JGroups

Vendor: JGroups

Vendor Web Site: <http://www.jgroups.org>

Item Description: JGroups is a toolkit for reliable messaging. It can be used to create clusters whose nodes can send messages to each other.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

JJWT

Vendor: Stormpath’s CTO, Les Hazlewood

Vendor Web Site: <https://stormpath.com/>

Item Description: JJWT is a Java implementation based on the JWT, JWS, JWE, JWK and JWA RFC specifications.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

JLine

Vendor: Marc Prud’hommeaux

Vendor Web Site: <https://mvnrepository.com/artifact/jline>

Item Description: JLine is a Java library for reading and editing user input in console applications.

License Web Site: <https://github.com/jline/jline1/blob/master/LICENSE.txt>

License: See “BSD License” on page 64.

Joda Convert

Vendor: Joda

Vendor Web Site: <https://www.joda.org/joda-convert>

Item Description: Date and time library to replace JDK date handling.

License Web Site: <https://www.joda.org/joda-time/licenses.html>



License: See “Apache License v2.0” on page 61.

Joda Time

Vendor: Joda

Vendor Web Site: <https://www.joda.org/joda-time/>

Item Description: Date and time library to replace JDK date handling.

License Web Site: <https://www.joda.org/joda-time/licenses.html>

License: See “Apache License v2.0” on page 61.

jQuery

Vendor: jQuery Foundation

Vendor Web Site: <https://jquery.org>

Item Description: File Upload widget with multiple file selection, drag and drop support, progress bar, validation and preview images, audio and video for jQuery. Supports cross-domain, chunked and resumable file uploads. Works with any server-side platform (Google App Engine, PHP, Python, Ruby on Rails, Java, etc.) that supports standard HTML form file uploads.

License Web Site: <https://tldrlegal.com/license/mit-license>

License: See “The MIT License (MIT)” on page 118.

JSON

Vendor: JSON

Vendor Web Site: <https://www.json.org/>

Item Description: JSON is a light-weight, language independent, data interchange format. The files in this package implement JSON encoders/decoders in Java. It also includes the capability to convert between JSON and XML, HTTP headers, Cookies, and CDL.

License Web Site: <https://www.json.org/license.html>

License: See “The JSON License” on page 108.

json4s

Vendor: json4s

Vendor Web Site: <http://json4s.org/>

Item Description: A Scala JSON library.

License Web Site: <https://github.com/json4s/json4s/blob/master/LICENSE>

License: See “Apache License v2.0” on page 61.

JSR166e

Vendor: Twitter



Vendor Web Site: <https://javalibs.com/artifact/com.twitter/jsr166e>

Item Description: JSR166e provides a powerful, extensible framework of high-level and high-performance threading utilities that help programmers write robust and scalable thread safe code. It promotes reusability so programmers do not have to reinvent the wheel for common problems.

License Web Site: <https://github.com/twitter-archive/jsr166e/blob/master/LICENSE>

License: See “Creative Commons Legal Code” on page 74.

JavaServer Pages Standard Tag Library (JSTL)

Vendor: Oracle

Vendor Web Site: <http://www.oracle.com/technetwork/java/index-jsp-135995.ht>

Item Description: JavaServer Pages Standard Tag Library (JSTL) encapsulates as simple tags the core functionality common to many Web applications. JSTL has support for common, structural tasks such as iteration and conditionals, tags for manipulating XML documents, internationalization tags, and SQL tags. It also provides a framework for integrating existing custom tags with JSTL tags.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.html>

License: See “Apache License v2.0” on page 61.

JUnit

Vendor: JUnit

Vendor Web Site: <http://junit.org/junit4>

Item Description: JUnit is a simple framework to write repeatable tests. It is an instance of the xUnit architecture for unit testing frameworks.

License Web Site: <http://junit.org/junit4/license.html>

License: See “Eclipse Public License – v1.0” on page 80.

Kendo UI Professional

Vendor: Telerik

Vendor Web Site: <http://www.telerik.com/>

Item Description: Kendo UI is an HTML5 user interface framework for building interactive and high-performance websites and applications. The framework comes with a library of more than 70 UI widgets, an abundance of data-visualization gadgets, client-side data source, and a built-in MVVM library. Kendo UI provides AngularJS and Bootstrap integration.

License Web Site: <http://www.telerik.com/purchase/license-agreement/kendo-ui-professional>

License: See “Telerik End User License Agreement for Kendo UI Professional” on page 149.

Kibana

Vendor: Elastic

Vendor Web Site: <https://www.elastic.co/>



Item Description: Kibana gives shape to your data and is the extensible user interface for configuring and managing all aspects of the Elastic Stack.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Kryo Shaded

Vendor: Esoteric Software

Vendor Web Site: <http://esotericsoftware.com>

Item Description: Kryo is a fast and efficient binary object graph serialization framework for Java. The goals of the project are high speed, low size, and an easy-to-use API. The project is useful any time objects need to be persisted, whether to a file, database, or over the network. Kryo can also perform automatic deep and shallow copying/cloning. This is direct copying from object to object, not object to bytes to object.

License Web Site: <https://github.com/EsotericSoftware/kryo/blob/master/LICENSE.md>

License: See “BSD License” on page 64.

Leveldbjni All

Vendor: Google

Vendor Web Site: <https://github.com/google/leveldb>

Item Description: LevelDB is a fast, key-value storage library written at Google that provides an ordered mapping from string keys to string values. The leveldb library provides a persistent key value store. Keys and values are arbitrary byte arrays. The keys are ordered within the key value store according to a user-specified comparator function.

License Web Site: <https://github.com/google/leveldb/blob/master/LICENSE>

License: See “BSD License” on page 64.

Log4jdbc-log4j2

Vendor: Log4jdbc-log4j2

Vendor Web Site: <http://log4jdbc.brunorozendo.com/>

Item Description: Log4jdbc-log4j2 is a JDBC proxy driver for logging SQL and other interesting information.

License Web Site: <https://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Logback

Vendor: Quality Open Software

Vendor Web Site: <http://logback.qos.ch/job.html>



Item Description: Logback is intended as a successor to the popular log4j project, picking up where log4j leaves off.

License Web Site: <http://logback.qos.ch/license.html> (EPL v1.0 and the LGPL 2.1)

License: See “Eclipse Public License – v1.0” on page 80 and MongoDB.

Logi Platform Services

Vendor: Logi Analytics Inc.

Vendor Web Site: <https://www.logianalytics.com>

Item Description: Analytics tools and server

License Web Site: <https://logianalytics.com>

License: Commercial

Logstash

Vendor: Elastic

Vendor Web Site: <https://www.elastic.co/>

Item Description: Logstash is an open source, server-side data processing pipeline that ingests data from a multitude of sources simultaneously, transforms it, and then sends it to Elasticsearch.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

LZ4

Vendor: LZ4

Vendor Web Site: <https://lz4.github.io/lz4/>

Item Description: LZ4 is lossless compression algorithm, providing compression speed at 400 MB/s per core (0.16 Bytes/cycle). It features an extremely fast decoder, with speed in multiple GB/s per core (0.71 Bytes/cycle). A high compression derivative, called LZ4_HC, is available, trading customizable CPU time for compression ratio.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

MapStruct

Vendor: MapStruct

Vendor Web Site: <http://mapstruct.org/>

Item Description: MapStruct is a code generator that simplifies the implementation of mappings between Java bean types based on a convention over configuration approach. The generated mapping code uses plain method invocations and thus is fast, type-safe and easy to understand.

License Web Site: <http://mapstruct.org/development/license/>



License: See “Apache License v2.0” on page 61.

MinLog

Vendor: Esoteric Software

Vendor Web Site: <http://esotericsoftware.com/>

Item Description: MinLog Minimal overhead Java logging.

License Web Site: <https://opensource.org/licenses/BSD-2-Clause>

License: See “BSD License” on page 64.

Mockito

Vendor: Mockito

Vendor Web Site: <http://site.mockito.org/>

Item Description: Mockito is a mocking framework, Java-based library that is used for effective unit testing of Java applications. Mockito is used to mock interfaces so that a dummy functionality can be added to a mock interface that can be used in unit testing.

License Web Site: https://en.wikipedia.org/wiki/MIT_License

License: See “The MIT License (MIT)” on page 118.

MongoDB

Vendor: MongoDB Inc

Vendor Web Site: <https://www.mongodb.org/>

Item Description: MongoDB is a cross-platform document-oriented database. Classified as a NoSQL database, MongoDB eschews the traditional table-based relational database structure in favor of JSON-like documents with dynamic schemas, making the integration of data in certain types of applications easier and faster.

Server License Web Site: <http://www.gnu.org/licenses/agpl-3.0.html>

Client Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

Server License: See “GNU Affero General Public License (GNU AGPL)” on page 84

Client License: See “Apache License v2.0” on page 61.

MX4J

Vendor: MX4J

Vendor Web Site: <http://mx4j.sourceforge.net/>

Item Description: MX4J is a project to build an Open Source implementation of the Java Management Extensions (JMX) and of the JMX Remote API (JSR 160) specifications, and to build tools relating to JMX.

License Web Site: <http://mx4j.sourceforge.net/docs/ch01s06.html>



Client License: See “The MX4J License, Version 1.0” on page 125.

MXP1

Vendor: Extreme Labs, Indiana University

Vendor Web Site: <http://www.extreme.indiana.edu/xgws/xsoap/xpp/mxp1/>

Item Description: MXP1 is a stable XmlPull parsing engine that is based on ideas from XPP and in particular XPP2 but completely revised and rewritten to take the best advantage of latest JIT JVMs such as Hotspot in JDK 1.4+.

License Web Site: <http://www.extreme.indiana.edu/dist/java-repository/xpp3/licenses/LICENSE.txt>

License: See “LICENSE FOR THE Extreme! Lab” on page 83.

MySql Connector Java

Vendor: MySQL

Vendor Web Site: <https://dev.mysql.com/>

Item Description: MySQL Connector/J is the official JDBC driver for MySQL.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

NekoHTML

Vendor: CyberNeko HTML

Vendor Web Site: <http://nekohtml.sourceforge.net/>

Item Description: NekoHTML is a simple HTML scanner and tag balancer that enables application programmers to parse HTML documents and access the information using standard XML interfaces.

License Web Site: <http://apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Netty

Vendor: Netty Project

Vendor Web Site: <https://netty.io/>

Item Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: “Apache License v2.0” on page 61.

Not Yet Commons SSL

Vendor: Julius Davbies



Vendor Web Site: <http://www.juliusdavies.ca/commons-ssl/>

Item Description: Not-yet-commons-SSL is a library to make SSL in Java easier. This library implements SSL functionality in a way that is easy and flexible. It improves security by checking CRLs by default. It allows options to be set or unset for each SSLSocketFactory. It supports many different formats of PKCS8 and OpenSSL Encrypted Private Keys, and it automatically detects the type of KeyMaterial or TrustMaterial.

License Web Site: <https://directory.fsf.org/wiki/License:Expat>

License: “The MIT License (MIT)” on page 118.

Objenesis

Vendor: Objenesis

Vendor Web Site: <http://objenesis.org/>

Item Description: Objenesis is a small Java library that serves one purpose: To instantiate a new object of a particular class.

License Web Site: <http://objenesis.org/license.html>

License: “Apache License v2.0” on page 61.

OpenCensus

Vendor: OpenCensus

Vendor Web Site: <https://opencensus.io/>

Item Description: OpenCensus is a vendor-agnostic single distribution of libraries to provide metrics collection and tracing for your services.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: “Apache License v2.0” on page 61.

OpenEdge

Vendor: Progress Software Corporation

Vendor Web Site: <http://www.progress.com>

Item Description: 4GL Business Application development Language

License Web Site: <http://www.progress.com/esd>

License: Commercial

OpenSAML 2

Vendor: OpenSAML 2

Vendor Web Site: <https://wiki.shibboleth.net/confluence/display/OpenSAML/Home/>

Item Description: OpenSAML is a set of open source C++ & Java libraries meant to support developers working with the Security Assertion Markup Language (SAML). OpenSAML 2, the current version, supports SAML 1.0, 1.1, and 2.0. Additionally, various development groups have found the framework created to support OpenSAML 2 useful for their own work.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: “Apache License v2.0” on page 61.

osgi-resource-locator

Vendor: Appdynamics

Vendor Web Site: <https://www.appdynamics.com/>

Item Description: Used by various API providers that rely on META-INF/services mechanism to locate providers.

License Web Site: <https://github.com/Appdynamics/OSS/blob/master/osgi-resource-locator/1.0.1/CDDL>

License: “Common Development and Distribution License (CDDL-1.1)” on page 69.

OWASP AntiSamy

Vendor: Arshan Dabirsiaghi

Vendor Web Site: <https://github.com/nahsra/antisamy>

Item Description: A library for performing fast, configurable cleansing of HTML coming from untrusted sources.

License Web Site: <https://opensource.org/licenses/BSD-3-Clause>

License: See “Modified BSD License” on page 119.

OWASP Java HTML Sanitizer Project

Vendor: The Open Web Application Security Project

Vendor Web Site:

https://www.owasp.org/index.php/About_The_Open_Web_Application_Security_Project

Item Description: OWASP Java HTML Sanitizer Project takes third-party HTML and produces HTML that is safe to embed in your web application. Fast and easy to configure.

License Web Site: <http://apache.org/licenses/LICENSE-2.0.txt>, <https://opensource.org/licenses/BSD-3-Clause>

License: See “Apache License v2.0” on page 61 and “Modified BSD License” on page 119.

Paranamer

Vendor: Paul Hammant

Vendor Web Site: <https://devops.paulhammant.com/>



Item Description: Paranamer is a library that allows the parameter names of non-private methods and constructors to be accessed at runtime. Normally this information is dropped by the compiler. In effect, methods like `doSomething(mypkg.Person toMe)` currently look like `doSomething(mypackage.Person ???)` to people using Java's reflection to inspect methods.

License Web Site: <https://github.com/paul-hammant/paranamer/blob/master/LICENSE.txt>

License: See "Modified BSD License" on page 119.

Proto Google Cloud PubSub

Vendor: Google LLC

Vendor Web Site: <https://mvnrepository.com/artifact/com.google.api.grpc/proto-google-cloud-pubsub-v1/0.10.0>

Item Description: PROTO library for proto-google-cloud-pubsub-v1. Google Cloud PubSub is Google's scalable real-time messaging service that lets users send and receive messages between independent applications.

License Web Site: <http://apache.org/licenses/LICENSE-2.0.txt>

License: See "Apache License v2.0" on page 61.

Protocol Buffers [Core]

Vendor: Google

Vendor Web Site: <https://mvnrepository.com/artifact/com.google.protobuf/protobuf-java>

Item Description: Core Protocol Buffers library. Protocol Buffers are a way of encoding structured data in an efficient yet extensible format.

License Web Site: <https://opensource.org/licenses/BSD-3-Clause>

License: See "Modified BSD License" on page 119.

Py4J

Vendor: Barthélemy Dagenais

Vendor Web Site: <https://www.py4j.org>

Item Description: Py4J enables Python programs running in a Python interpreter to dynamically access Java objects in a Java Virtual Machine.

License Web Site: <https://github.com/bartdag/py4j/blob/master/LICENSE.txt>

License: See "BSD License" on page 64.

Pyrolite

Vendor: Irmen de Jong

Vendor Web Site: <http://www.razorvine.net>



Item Description: This library allows your Java or .NET program to interface easily with a Python program, using the Pyro protocol to call methods on remote objects (see <https://github.com/irmen/Pyro4>). It also provides a feature complete pickle protocol implementation -read and write- to exchange data with Pyro/Python. This part of the library can also be used in stand alone scenarios to just read and write Python pickle files.

License Web Site: <https://github.com/irmen/Pyrolite/blob/master/LICENSE>

License: See “The MIT License (MIT)” on page 118.

Quartz Job Scheduler

Vendor: Terracotta

Vendor Web Site: <http://www.quartz-scheduler.org/>

Item Description: Quartz is an open-source job-scheduling library that can be integrated within virtually any Java application. Quartz can be used to create simple or complex schedules for executing tens, hundreds, or even tens-of-thousands of jobs; jobs whose tasks are defined as standard Java components that may execute virtually anything you may program them to do. The Quartz Scheduler includes many enterprise-class features, such as support for JTA transactions and clustering.

License Web Site: <http://www.quartz-scheduler.org/overview/license.html>

License: See “Apache License v2.0” on page 61.

Reflections

Vendor: Ron Mamo

Vendor Web Site: <https://github.com/ronmamo/reflections>

Item Description: Reflections scans your classpath, indexes the metadata, allows you to query it on runtime and may save and collect that information for many modules within your project.

Using Reflections you can query your metadata such as:

- get all subtypes of some type
- get all types/members annotated with some annotation
- get all resources matching a regular expression
- get all methods with specific signature including parameters, parameter annotations and return type

License Web Site: <http://www.wtfpl.net/>

License: See “WTFPL” on page 157.

Rhino

Vendor: Mozilla

Vendor Web Site: <https://developer.mozilla.org>

Item Description: Rhino is an open-source implementation of JavaScript written entirely in Java. It is typically embedded into Java applications to provide scripting to end users. It is embedded in J2SE 6 as the default Java scripting engine.

License Web Site: <https://github.com/mozilla/rhino/blob/master/LICENSE.txt>



License: See “Mozilla Public License, Version 2.0” on page 119.

Roaring Bitmap

Vendor: Roaring Bitmap

Vendor Web Site: <http://roaringbitmap.org/>

Item Description: A better compressed bitset in Java.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Sardine

Vendor: lookfirst (Jon Stevens)

Vendor Web Site: <https://github.com/lookfirst/sardine>

Item Description: Sardine is a next generation WebDAV client for Java. It is intended to be simple to use and does not implement the full WebDAV client specification (although a good amount is covered). The goal is to provide methods for most use case scenarios when working with a WebDAV server. The code needs to run as fast as possible and use the latest released Apache HttpComponents.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Scala

Vendor: Scala

Vendor Web Site: <https://www.scala-lang.org/>

Item Description: Scala combines object-oriented and functional programming in one concise, high-level language. Scala’s static types help avoid bugs in complex applications, and its JVM and JavaScript runtimes let you build high-performance systems with easy access to huge ecosystems of libraries.

License Web Site: <https://www.scala-lang.org/license/>

License: See “BSD License” on page 64.

SLF4J

Vendor: QOS

Vendor Web Site: <http://www.qos.ch/shop/index>

Item Description: The Simple Logging Facade for Java (SLF4J) serves as a simple facade or abstraction for various logging frameworks (e.g. java.util.logging, logback, log4j) allowing the end user to plug in the desired logging framework at deployment time.

License Web Site: <http://www.slf4j.org/license.html>

License: See “The MIT License (MIT)” on page 118.



SLF4J Log4j

Vendor: QOS

Vendor Web Site: <http://www.qos.ch/shop/index>

Item Description: SLF4J Binding for log4j version 1.2. The Simple Logging Facade for Java (SLF4J) serves as a simple facade or abstraction for various logging frameworks, such as java.util.logging, logback and log4j. SLF4J allows the end-user to plug in the desired logging framework at deployment time.

License Web Site: <http://www.slf4j.org/license.html>

License: See “The MIT License (MIT)” on page 118.

SnakeYAML

Vendor: Apache Maven

Vendor Web Site: <https://mvnrepository.com/artifact/org.yaml/snakeyaml>

Item Description: SnakeYAML is a YAML 1.1 processor for Java.

License Web Site: <http://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

Snappy Java

Vendor: Xerial

Vendor Web Site: <https://github.com/xerial>

Item Description: Snappy is a compression/decompression library. It does not aim for maximum compression, or compatibility with any other compression library; instead, it aims for very high speeds and reasonable compression.

License Web Site: <http://apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Spark Cassandra Connector

Vendor: DataStax

Vendor Web Site: <https://github.com/datastax/spark-cassandra-connector>

Item Description: This library lets you expose Cassandra tables as Spark RDDs, write Spark RDDs to Cassandra tables, and execute arbitrary CQL queries in your Spark applications.

License Web Site: <http://apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

Spring Batch

Vendor: Pivotal Software, Inc.

Vendor Web Site: <http://projects.spring.io/spring-batch/>



Item Description: A lightweight, comprehensive batch framework designed to enable the development of robust batch applications vital for the daily operations of enterprise systems.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Spring Boot

Vendor: Pivotal Software, Inc.

Vendor Web Site: <http://spring.io/projects/spring-boot>

Item Description: Spring Boot makes it easy to create stand-alone, production-grade Spring based Applications that you can “just run.”

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Spring Data Commons Core

Vendor: Pivotal Software, Inc.

Vendor Web Site: <https://spring.io>

Item Description: The Spring Data Commons project applies core Spring concepts to the development of solutions using many relational and non-relational data stores.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Spring Data JPA

Vendor: Spring

Vendor Web Site: <https://spring.io/projects/spring-data-jpa>

Item Description: Spring Data module for JPA repositories.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Spring Data MongoDB

Vendor: Pivotal Software, Inc.

Vendor Web Site: <http://projects.spring.io/spring-data-mongodb/>

Item Description: The primary goal of the Spring Data project is to make it easier to build Spring-powered applications that use new data access technologies such as non-relational databases, map-reduce frameworks, and cloud-based data services. The Spring Data MongoDB project aims to provide a familiar and consistent Spring-based programming model for new datastores while retaining store-specific features and capabilities. The Spring Data MongoDB project provides integration with the MongoDB document database. Key functional areas of Spring Data MongoDB are a POJO centric model for interacting with a MongoDB DBCollection and easily writing a repository style data access layer.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Spring Framework

Vendor: Pivotal Software, Inc.

Vendor Web Site: <https://spring.io/>

Item Description: The Spring Framework is an application framework and inversion of control container for the Java platform. The framework’s core features can be used by any Java application, but there are extensions for building web applications on top of the Java EE platform. Although the framework does not impose any specific programming model, it has become popular in the Java community as an alternative to, replacement for, or even addition to the Enterprise JavaBeans (EJB) model. The Spring Framework is open source.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Spring Framework Mobile

Vendor: Pivotal Software, Inc.

Vendor Web Site: <https://projects.spring.io/spring-mobile>

Item Description: Spring Mobile is a framework that provides capabilities to detect the type of device making a request to your Spring web site and serve alternative views based on that device. Like all Spring projects, the real power of Spring Mobile is found in how easily it can be extended.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Spring Integration

Vendor: Spring Integration

Vendor Web Site: <http://projects.spring.io/spring-integration/>

Item Description: Extends the Spring programming model to support the well-known Enterprise Integration Patterns. Spring Integration enables lightweight messaging within Spring-based applications and supports integration with external systems via declarative adapters.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Spring Integration Kafka

Vendor: Pivotal Software, Inc.

Vendor Web Site: <https://spring.io/projects/spring-kafka>

Item Description: It provides inbound and outbound channel adapters and gateways for Apache Kafka.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>



License: See “Apache License v2.0” on page 61.

Spring Plugin Core

Vendor: Pivotal Software

Vendor Web Site: <https://pivotal.io>

Item Description: Core plugin infrastructure.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Spring Retry

Vendor: Pivotal Software

Vendor Web Site: <https://pivotal.io/>

Item Description: Spring Retry provides an abstraction around retrying failed operations, with an emphasis on declarative control of the process and policy-based behavior that is easy to extend and customize. For instance, you can configure a plain POJO operation to retry if it fails, based on the type of exception, and with a fixed or exponential backoff.

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Spring Security

Vendor: Pivotal Software

Vendor Web Site: <http://projects.spring.io/spring-security/>

Item Description: Spring Security is a powerful and highly customizable authentication and access-control framework. It is the de facto standard for securing Spring-based applications.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: “Apache License v2.0” on page 61.

Spring Security SAML2 Core

Vendor: Pivotal Software

Vendor Web Site: <https://projects.spring.io/spring-security-saml>

Item Description: Spring Security SAML Extension allows a seamless combination of SAML 2.0 and authentication and federation mechanisms in a single application.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

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Spring TestContext Framework

Vendor: Pivotal Software



Vendor Web Site: <https://pivotal.io>

Item Description: Spring empowers developers with a rich Spring TestContext framework, which provides a strong support for unit as well as integration testing. It supports both API-based and annotation-based test case creation. The framework strongly supports JUnit and TestNG as the testing frameworks.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: “Apache License v2.0” on page 61.

SpringFox

Vendor: SpringFox

Vendor Web Site: <http://springfox.github.io/springfox/>

Item Description: Automated JSON API documentation for APIs built with Spring.

License Web Site: <https://github.com/springfox/springfox/blob/master/LICENSE>

License: “Apache License v2.0” on page 61.

StAX API

Vendor: Codehaus

Vendor Web Site: <http://stax.codehaus.org/>

Item Description: The StAX API exposes methods for iterative, event-based processing of XML documents. XML documents are treated as a filtered series of events, and info set states can be stored in a procedural fashion. Moreover, unlike SAX, the StAX API is bidirectional, enabling both reading and writing of XML documents. The StAX API is really two distinct API sets: a cursor API and an iterator API.

License Web Site: https://enterprise.dejacode.com/components/public/StAX+API/1.0-2/?_list_filters=q%3Dstax#license

License: See “Common Development and Distribution License (CDDL-1.0)” on page 64 or “GNU Affero General Public License (GNU AGPL)” on page 84 with classpath-exception-2.0.

Stream Library

Vendor: Clearspring Analytics

Vendor Web Site: <https://github.com/addthis/stream-lib/blob/master/README.mdown>

Item Description: A Java library for summarizing data in streams for which it is infeasible to store all events. More specifically, there are classes for estimating: cardinality (i.e. counting things); set membership; top-k elements; and frequency. One particularly useful feature is that cardinality estimators with compatible configurations may be safely merged.

License Web Site: <https://github.com/addthis/stream-lib/blob/master/LICENSE.txt>

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Swagger Annotations

Vendor: Swagger

Vendor Web Site: <https://swagger.io/tools/open-source/>

Item Description: In order to generate OpenAPI documentation, swagger-core offers a set of annotations to declare and manipulate the output. The core output is compliant with OpenAPI Specification. A user is not required to be familiar with the full aspects of the OpenAPI Specification in order to use it, but as a reference it may answer a few questions regarding the generated output.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Swagger Models

Vendor: Swagger

Vendor Web Site: <https://swagger.io/tools/open-source/>

Item Description: Swagger has evolved into one of the most widely used open source tool sets for developing APIs with the OpenAPI Specification.

License Web Site: <https://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Thoughtworks XStream

Vendor: Thoughtworks

Vendor Web Site: <http://x-stream.github.io/>

Item Description: XStream is a simple library to serialize objects to XML and back again.

License Web Site: <http://x-stream.github.io/license.html>

License: See “BSD License” on page 64.

ThreeTen Backport

Vendor: ThreeTen Backport

Vendor Web Site: <https://www.threeten.org/threetenbp>

Item Description: ThreeTen-Backport provides a backport of the Java SE 8 date-time classes to Java SE 6 and 7.

License Web Site: <https://www.threeten.org/threetenbp/licenses.html>

License: See “Modified BSD License” on page 119.

Univocity Parsers

Vendor: Univocity

Vendor Web Site: <https://www.univocity.com/>



Item Description: Univocity-parsers is a suite of extremely fast and reliable parsers for Java. The suite provides a consistent interface for handling different file formats, and a solid framework for the development of new parsers.

License Web Site: <http://apache.org/licenses/LICENSE-2.0.txt>

License: See “Apache License v2.0” on page 61.

user-agent-utils

Vendor: bitwalker.eu

Vendor Web Site: <http://www.bitwalker.eu/>

Item Description: A Java library for user-agent parsing.

License Web Site: <https://github.com/HaraldWalker/user-agent-utils/blob/release-1.21/LICENSE.txt>

License: See “Bitwalker.eu” on page 63.

woodstox WSTX ASL

Vendor: Apache Software Foundation

Vendor Web Site: <https://mvnrepository.com/artifact/org.codehaus.woodstox/wstx-asl>

Item Description: Woodstox is a high-performance XML processor that implements Stax (JSR-173) and SAX2 APIs.

License Web Site: <http://www.apache.org/licenses/LICENSE-2.0>

License: See “Apache License v2.0” on page 61.

Xalan Java Serializer

Vendor: Apache Software Foundation

Vendor Web Site: <https://xalan.apache.org/xalan-j/>

Item Description: Xalan-Java is an XSLT processor for transforming XML documents into HTML, text, or other XML document types. It implements XSL Transformations (XSLT) Version 1.0 and XML Path Language (XPath) Version 1.0 and can be used from the command line, in an applet or a servlet, or as a module in other program.

License Web Site: <https://xalan.apache.org/xalan-j/index.html>

License: See “Apache License v2.0” on page 61.

xml Pull Parsing API

Vendor: XML Pull Project

Vendor Web Site: <http://www.xmlpull.org/>

Item Description: XML Pull Parsing API allows both fast high level iteration (using next() method) and low-level tokenizing (using nextToken() token) and is designed for easy building on top of it SAX, XML pull parsers that uses iterators with event objects, or even DOM implementations.

License Web Site: <http://www.gnu.org/licenses/old-licenses/lgpl-2.1.en.html>

License: See “GNU LESSER GENERAL PUBLIC LICENSE” on page 101 and “XMLPULL API” on page 157.

xmlenc Library

Vendor: znerd

Vendor Web Site: <http://ernstdehaan.blogspot.com/> , <http://freshmeat.sourceforge.net/projects/xmlenc/>

Item Description: The xmlenc library is a fast, stream-based XML output library for Java. Main design goals are performance, simplicity and pureness. As far as known, xmlenc is the fastest XML output library for Java.

License Web Site: <https://opensource.org/licenses/bsd-license.php>

License: See “BSD License” on page 64.

XOM

Vendor: Elliott Rusty Harold

Vendor Web Site: <http://www.elharo.com>

Item Description: XOM is an open source, tree-based API for processing XML with Java that strives for correctness, simplicity, and performance, in that order.

License Web Site: <http://www.gnu.org/copyleft/lesser.html>

License: See “GNU LESSER GENERAL PUBLIC LICENSE” on page 101.

XZ for Java

Vendor: The Tukaani Project

Vendor Web Site: <https://tukaani.org/xz/java.html>

Item Description: This aims to be a complete implementation of XZ data compression in pure Java. Single-threaded streamed compression and decompression and random access decompression have been fully implemented. Threading is planned but it is unknown when it will be implemented.

License Web Site: <https://tukaani.org/xz/java.html> or <https://tukaani.org/xz/xz-javadoc/>

License: XZ for Java has been put into the public domain.

Yetus Project

Vendor: Apache Foundation

Vendor Web Site: <https://yetus.apache.org/>

Item Description: The Yetus Project is a collection of libraries and tools that enable contribution and release processes for software projects. It provides: a robust system for automatically checking new contributions against a variety of community accepted requirements the means to document a well defined

supported interface for downstream projects tooling to help release managers generate release documentation based on the information provided by community issue trackers and source repositories. Most of the software is written in shell and scripting languages.

License Web Site: <http://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

ZXing

Vendor: Google

Vendor Web Site: <https://opensource.google.com/projects/zxing>

Item Description: Barcode image processing library.

License Web Site: <http://www.apache.org/licenses/>

License: See “Apache License v2.0” on page 61.

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Version 2.0, January 2004

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Version 1.1 - 26 February 2007

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This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

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As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

13 MULTIPLE-LICENSED CODE. Initial Developer may designate portions of the Covered Code as ?Multiple-Licensed?. ?Multiple-Licensed? means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

Telerik End User License Agreement for DevCraft Complete

(Last Updated September 19th, 2016)

IMPORTANT – PLEASE READ THIS END USER LICENSE AGREEMENT (THE “AGREEMENT”) CAREFULLY BEFORE ATTEMPTING TO DOWNLOAD OR USE ANY SOFTWARE,



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The TELERIK DevCraft Complete is a suite of products containing UI for ASP.NET AJAX, UI for ASP.NET Core, UI for JSP, UI for PHP, UI for WinForms, UI for Silverlight, UI for WPF, UI for Windows Phone, UI for Windows Universal, Kendo UI Professional, server wrappers for Microsoft’s ASP.NET MVC framework, Telerik Reporting, Telerik Report Designer, JustCode, JustTrace, JustMock, JustDecompile and Telerik Testing Framework.

Article I of this Agreement contains defined terms.

Article II of this Agreement governs the licensing of UI for ASP.NET AJAX, UI for ASP.NET Core, UI for JSP, UI for PHP, UI for WinForms, UI for Silverlight, UI for WPF, UI for Windows Phone, UI for Windows Universal, Kendo UI Professional, server wrappers for Microsoft’s ASP.NET MVC framework, Telerik Reporting and Telerik Report Designer.

Article III of this Agreement governs the licensing of JustCode, JustTrace, JustMock, and JustDecompile.

Article IV of this Agreement governs the licensing of Telerik Testing Framework.

Article V of this Agreement contains the General Terms.

I. CERTAIN DEFINITIONS

“Authorized End Users” means Your own end-user licensees, each of whom is authorized to use the Telerik Package Software solely as part of Your Integrated Product pursuant to an end-user license that meets the requirements of this Agreement.

“Integrated Products” means bundled software solutions developed by You in which the Telerik Package Software is integrated. “Integrated Products” as defined herein, are limited to those software solutions which: (i) are developed by Your Licensed Developers; (ii) add substantial functionality beyond the functionality provided by the incorporated components of the Software; and (iii) are not commercial alternatives for, or competitive in the marketplace with, the Software or any components of the Software.



“JustProducts Documentation” means any generally available customer documentation accompanying the JustProducts Programs.

“JustProducts Programs” means the Telerik computer software identified as JustCode, JustTrace, JustDecompile and JustMock and any updates, upgrades, modifications and error corrections thereto provided to Licensee.

“JustProducts Software” means the JustProducts Programs and the JustProducts Documentation collectively.

“Kendo UI Documentation” means any generally available customer documentation accompanying the Kendo UI Programs.

“Kendo UI Programs” means the Telerik computer software identified as Kendo UI Professional and server wrappers for Microsoft’s ASP.NET MVC framework, UI for ASP.NET Core, UI for JSP, UI for PHP and any updates, upgrades, modifications and error corrections thereto provided to Licensee.

“Kendo UI Software” means the Kendo UI Programs and the Kendo UI Documentation.

“Licensed Developer” means one of Your employees or third-party consultants authorized to develop software specifically for You using the Software in accordance with this Agreement.

“Report Designer Documentation” means any generally available customer documentation accompanying the Report Designer Programs.

“Report Designer Program” means the Telerik computer software identified as Telerik Report Designer and any updates, upgrades, modifications and error corrections thereto provided to Licensee.

“Report Designer Software” means the Report Designer Programs and Report Designer Documentation collectively.

“Software” means the Telerik Package Software, the JustProducts Software and the Testing Software.

“Subscription Period” means the applicable period of one (1), two (2), or three (3) years from the date on which You purchase the license for the Software, for which You have purchased updates and support.

“Telerik Package Documentation” means any generally available customer documentation accompanying the Telerik Package Programs.

“Telerik Package Programs” means the Telerik computer software identified as UI for ASP.NET AJAX, UI for WinForms, UI for Silverlight, UI for WPF, UI for Windows Phone, UI for Windows Universal, Telerik Extensions for ASP.NET MVC , Kendo UI programs, Telerik Reporting and Report Designer and any updates, upgrades, modifications and error corrections thereto provided to Licensee.

“Telerik Package Software” means the Telerik Package Programs and the Telerik Package Documentation collectively.

“Telerik Reporting Software” means the Telerik computer software identified as Telerik Reporting and any updates, upgrades, modifications and error corrections thereto provided to Licensee.

“Telerik Standard Programs” means the Telerik Package Programs, excluding the Kendo UI Programs and the Report Designer Program.

“Telerik Standard Software” means the Telerik Package Software, excluding the Kendo UI Software and the Report Designer Software.

“Testing Documentation” means any generally available customer documentation accompanying the Testing Programs.

“Testing Programs” means the Telerik computer software identified as Testing Framework Free Edition and any updates, upgrades, modifications and error corrections thereto provided to Licensee.

“Testing Software” means the Testing Programs and the Testing Documentation collectively.

II. TELERIK PACKAGE SOFTWARE

Subject to the terms of this Agreement, Telerik hereby grants to You the following limited, non-transferable, perpetual, worldwide, royalty-free, non-exclusive licenses to use the Telerik Package Software solely as specified in this Agreement Any and all rights in the Telerik Package Software not expressly granted to You hereunder are reserved in all respects by Telerik. Except as expressly granted in this Agreement, You are not licensed to use, copy, modify, or distribute copies of all or any portion of the Telerik Package Software.

1. Development License Grants for Telerik Standard Software and Kendo UI Software

1.1 Telerik Standard Software Developer License Grant. Subject to the terms and conditions set forth in this Agreement, Your Licensed Developers may use the Telerik Standard Software in object code form and source code form in accordance with Section 5.3 only in the development of Your Integrated Products.

1.2 Kendo UI Software Development License Grant. Subject to the terms and conditions set forth in this Agreement, Your Licensed Developers may use the Kendo UI Software in minified form and source code form in the development of Your Integrated Products.

1.3 Telerik Standard Software and Kendo UI Software Scope of Use. Your number of Licensed Developers must correspond to the maximum number of seats You have purchased from Telerik hereunder. This means that, at any given time, the number of Licensed Developers cannot exceed the number of seats that You have purchased from Telerik and for which You have paid Telerik all applicable license fees pursuant to this Agreement. The Telerik Standard Software and Kendo UI Software are in “use” on a computer when it is loaded into temporary memory (i.e. RAM) or installed into permanent memory (e.g. hard disk or other storage device). Your Licensed Developers may install the Telerik Standard Software and Kendo UI Software on multiple machines, so long as it is not being used simultaneously for development purposes at any given time by more Licensed Developers than You have seats.

2. Test and Build License Grants for Telerik Standard Software and Kendo UI Software

You may also use the Telerik Standard Software and the Kendo UI Software in the testing and building of Your Integrated Products. This license is not limited to a number of seats.

3. Report Designer License

Subject to the terms and conditions set forth in this Agreement, You may use and distribute the Report Designer Software in object code form only to any Authorized End User solely in conjunction with the Telerik Reporting Software.

3.1 Scope of Use. The Report Designer Program may only be used in conjunction with the Reporting Software.

4. Redistribution

4.1 License for Redistribution. You may distribute (i) the Telerik Standard Programs in object code form only as embedded in Your Integrated Products, (ii) the Kendo UI Programs in minified form only as embedded in Your Integrated Products, and (iii) the Report Designer Program in object code form for use solely in conjunction with Your Integrated Products, to Your Authorized End Users only pursuant to an end-user license that meets the requirements of this Section. You are not permitted to distribute the Telerik Package Programs pursuant to this Section: as a standalone product; or as a part of any product other than Your Integrated Product. Your end-user license agreement must: impose the limitations set forth in this paragraph on Your Authorized End Users; prohibit distribution of the Telerik Package Programs by Your



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4.2 License Limitations

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4.2.2 You must ensure that the Telerik Package Software is not distributed in any form that allows it to be reused by any application other than Your solution. In addition to the distribution limitations herein, You agree to comply with the technical guidelines provided at: <http://www.telerik.com/purchase/license-agreement/assembly-protection-guidelines.aspx>. Please contact support@telerik.com for any additional questions.

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During the Subscription Period, You are entitled to updates for the Telerik Package Software, access to certain source code for the Telerik Package Software (excluding the Report Designer Software), as well as support packages, each as described in further detail below.

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- (i) all updates for the version of the Telerik Package Software that You license hereunder;
- (ii) full source code for the UI for ASP.NET AJAX, UI for WinForms, UI for Silverlight, UI for WPF, UI for Windows Phone, UI for Windows Universal, Kendo UI Programs and Telerik Reporting; and

You may use the resulting updated Telerik Package Software only in accordance with the terms of this Agreement. Subscription renewals will be governed by the terms of this Agreement.

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5.3.1 While Telerik does not claim any ownership rights in Your Integrated Products, any modifications You develop to the Software source code will be the exclusive property of Telerik, and You agree to and hereby do assign all right, title and interest in and to such modifications and all rights associated therewith to Telerik.

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1.3 License Limitations

1.3.1 You may not redistribute, resell, transfer, rent, lease, or sublicense the JustProducts Software.

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2. Support and Updates for the JustProducts Software

During the Subscription Period, You are entitled to updates for the JustProducts Software, as well as the support package, each as described in further detail below.

2.1 Support Package. You are entitled to the “Priority” support package as described in greater detail here: <http://www.telerik.com/purchase/support-plans/devtools>, subject to the limitations and restrictions described in the following Fair Usage Policy.

2.2 Support Package Fair Usage Policy. Telerik may limit or terminate Your access to any or all of the support services available under the applicable Telerik Package Software if Your use of the support services is determined by Telerik, in its sole and reasonable discretion, to be excessive.

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1. Software License

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1.2 Scope of Use. Your number of Licensed Developers must correspond to the maximum number of seats You have purchased from Telerik hereunder. This means that, at any given time, the number of Licensed Developers cannot exceed the number of seats that You have purchased from Telerik and for which You have paid Telerik all applicable license fees pursuant to this Agreement. The Testing Software is in “use” on a computer when it is loaded into temporary memory (i.e. RAM) or installed into permanent memory (e.g. hard disk or other storage device). Your Licensed Developers may install the Testing Software on multiple machines, so long as the Testing Software is not being used simultaneously for development purposes at any given time by more Licensed Developers than You have seats.

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1.3.1 You may not redistribute, resell, transfer, rent, lease, or sublicense the Testing Software. You may not host, on a subscription basis or otherwise, the Testing Software to permit a third party to use the Software for any reason.

1.3.2 Except to the limited extent as is permitted by law notwithstanding contractual prohibition, You are not allowed to copy, modify, disassemble, decompile or “unlock”, decode or otherwise reverse translate or engineer, or attempt in any manner to reconstruct or discover any source code or underlying algorithms of the Testing Software.

2. Support and Updates

2.1 Support. You are entitled to the “Priority” support package as described in greater detail here: <http://www.telerik.com/purchase/support-plans/devtools>, subject to the limitations and restrictions described in the following Fair Usage Policy.



2.2 Support Package Fair Usage Policy. Telerik may limit or terminate Your access to any or all of the support services available for Testing Software if Your use of the support services is determined by Telerik, in its sole and reasonable discretion, to be excessive.

2.3 Updates. You are eligible to receive all updates for the version of the Testing Software that You license hereunder. Updates replace and/or supplement (and may disable) the version of the Testing Software that formed the basis for Your eligibility for the update. You may use the resulting updated Testing Software only in accordance with the terms of this Agreement. Updates will be governed by the terms of this Agreement.

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You agree to indemnify, hold harmless, and defend Telerik and its resellers from and against any and all claims, lawsuits and proceedings (collectively "Claims"), and all expenses, costs (including attorney's fees), judgments, damages and other liabilities resulting from such Claims, that arise or result from (i) Your use of the Software in violation of this Agreement, (ii) the use or distribution of Your Integrated Product or (iii) Your modification of the Software's source code.

11 Confidentiality

Except as otherwise provided herein, each party expressly undertakes to retain in confidence all information and know-how transmitted or disclosed to it that the disclosing party has identified as being proprietary and/or confidential or that, by the nature of the circumstances surrounding the disclosure, ought in good faith to be treated as proprietary and/or confidential, and expressly undertakes to make no use of such information and know-how except under the terms and during the existence of this Agreement. However, neither party shall have an obligation to maintain the confidentiality of information that (i) it received rightfully from a third party without an obligation to maintain such information in confidence; (ii) the disclosing party has disclosed to a third party without any obligation to maintain such information in confidence; (iii) was known to the receiving party prior to its disclosure by the disclosing party; or (iv) is independently developed by the receiving party without use of the confidential information of the disclosing party. Further, either party may disclose confidential information of the other party as required by governmental or judicial order, provided such party gives the other party prompt written notice prior to such disclosure and complies with any protective order (or equivalent) imposed on such disclosure. Without limiting the foregoing, Licensee shall treat any source code for the Software as confidential information and shall not disclose, disseminate, or distribute such materials to any third party without Telerik's prior written permission. Each party's obligations under this Section 11 shall apply at all times during the term of this Agreement and for five (5) years following termination of this Agreement, provided, however, that (i) obligations with respect to source code shall survive in perpetuity and (ii) trade secrets shall be maintained as such until they fall into the public domain.

12 Governing Law

This Agreement will be governed by the law of the Commonwealth of Massachusetts, U.S.A., without regard to the conflict of laws principles thereof. If any dispute, controversy, or claim cannot be resolved by a good faith discussion between the parties, then it shall be submitted for resolution to a state or Federal court or competent jurisdiction in Boston, Massachusetts, USA, and the parties hereby agree to submit to the jurisdiction and venue of such court. The Uniform Computer Information Transactions Act and the United Nations Convention on the International Sale of Goods shall not apply to this Agreement. If any provision of this Agreement is to be held unenforceable, such holding will not affect the validity of the

other provisions hereof. Failure of a party to enforce any provision of this Agreement shall not constitute or be construed as a waiver of such provision or of the right to enforce such provision.

13 Entire Agreement

This Agreement shall constitute the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior and contemporaneous communications regarding the subject matter hereof. Use of any purchase order or other Licensee document in connection herewith shall be for administrative convenience only and all terms and conditions stated therein shall be void and of no effect. The terms and conditions contained in this Agreement shall prevail over any inconsistent provisions in any form or other paper submitted by Licensee. In cases where this license is being obtained through an approved third party, these terms shall supersede any third party license or purchase agreement.

14 No Assignment

You may not assign, sublicense, sub-contract, or otherwise transfer this Agreement, or any rights or obligations under it, without Telerik's prior written consent.

15 Survival

Any provisions of the Agreement containing license restrictions, warranties and warranty disclaimers, confidentiality obligations, limitations of liability and/or indemnity terms, and any provision of the Agreement which, by its nature, is intended to survive shall remain in effect following any termination or expiration of the Agreement.

16 Severability

If a particular provision of this Agreement is terminated or held by a court of competent jurisdiction to be invalid, illegal, or unenforceable, this Agreement shall remain in full force and effect as to the remaining provisions. This Agreement represents the entire understanding between the parties with respect to the subject matter.

17 Force Majeure

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(Last Updated July 16th, 2014)

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Version 2, December 2004

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