

# Oracle® Healthcare Translational Research

## Licensing Information User Manual



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F51820-01



F51820-01

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# Preface

This preface contains the following sections:

- [Documentation accessibility](#)
- [Related resources](#)
- [Access to Oracle Support](#)

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Log4j 2.9.1

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**Vendor:** FasterXML, LLC

jackson-core 2.10.2

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# Oracle JET 9.2.6

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JS Signals

Author: Miller Medeiros

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RequireJS text 2.0.15

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dagre

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### graphlib 2.1.8

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## fetch

### Vendor: GitHub

<https://github.com/github/fetch/blob/v2.0.3/LICENSE>  
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## fuse.js

### Vendor: Kirollos Risk

```
fuse.js v. 3.2.1
Source URL: https://github.com/krisk/Fuse/tree/v3.2.1
license URL: https://github.com/krisk/Fuse/blob/v3.2.1/LICENSE
```

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```
Copyright URL: https://github.com/krisk/Fuse/blob/v3.2.1/COPYRIGHT.txt
Fuse.js {VERSION} - Lightweight fuzzy-search ({HOMEPAGE})
```

```
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```

```
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```

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### Vendor: Google

```
guava:29.0-jre
```

```
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```
*****
failureaccess:1.0.1
```

```
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 */

*****
listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar

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 */

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Dependency: org.checkerframework:checker-qual:2.11.1

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```
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 */
```

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Dependency: com.google.j2objc:j2objc-annotations:1.3

```
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 *
```

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*/
```

```
=====
Dependency: net.jcip:jcip-annotations:1.0
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## grpc-netty

### Vendor: The gRPC Authors

```
grpc-netty-1.33.0.jar
grpc:grpc-core-1.33.0.jar
grpc:grpc-api-1.33.0.jar
grpc-context-1.33.0.jar
```

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----- Dependencies -----

netty-codec-http2-4.1.51.Final.jar

```

netty-handler-proxy-4.1.51.final.jar
netty-common-4.1.51.final.jar
netty:netty-buffer-4.1.51.final.jar
netty-transport-4.1.51.final.jar
netty-resolver-4.1.51.final.jar
netty-codec-4.1.51.final.jar
netty-handler-4.1.51.final.jar
netty-codec-socks-4.1.51.final.jar
netty-codec-http-4.1.51.final.jar

```

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\* <https://github.com/jpountz/lz4-java>  
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```
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* HOMEPAGE:
* http://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/
dnsinfo.h
```

guava-29.0-android.jar

```
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animal-sniffer-annotations-1.18.jar

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checker-compat-qual-2.5.5.jar

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j2objc-annotations-1.3.jar

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failureaccess-1.0.1.jar

listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar

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### Vendor: The gRPC Authors

```

grpc-protobuf:jar:1.33.0
grpc:grpc-api:jar:1.33.0
grpc-protobuf-lite:jar:1.33.0

```

```

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jsr305:jar:3.0.2

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protobuf-java:jar:3.13.0

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proto-google-common-protos:jar:1.17.0

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guava:jar:29.0-android

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animal-sniffer-annotations:jar:1.18

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failureaccess:jar:1.0.1

9999.0-empty-to-avoid-conflict-with-guava

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checker-qual:jar:2.5.5

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/*	
* expression-eval - v2.0.0	

```
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* jsep - v0.3.4
* https://github.com/sony/jsep
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/*!
  Knockout Fast Foreach v0.6.0 (2016-07-28T11:02:54.197Z)
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* https://github.com/yelouafi/petit-dom
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 * http://hammerjs.github.io/
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 */

/* This component is based on original code from:
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ES6-Promise
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 * http://jqueryui.com
 * Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js
 * Copyright 2015 jQuery Foundation and other contributors; Licensed MIT */
```

```
/*!
 * jQuery JavaScript Library v3.5.1
 * http://jquery.com/
 *
 * Includes Sizzle.js
 * http://sizzlejs.com/
 *
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 *
 * Date: 2014-12-18T15:11Z
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 * Version: 1.0.0 - Build: 268 (2012/11/29 05:48 PM)
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```

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/*!
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```
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```

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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com.fasterxml.jackson.dataformat.javaprop.JavaPropsFactory

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4th parties:

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Dependency: org.slf4j:slf4j-api:jar:1.7.28
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Dependency: ch.qos.logback:logback-classic:jar:1.2.3
License: Eclipse Public License - v 1.0 and GNU Lesser General Public License 2.1
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Copyright: [5]

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+++++ References +++++
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geojson-types

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jsonlint-lines-primitives

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point-geometry

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vector-tile: 1.3.1

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whoots-js

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Csscolorparser

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geojson-vt

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gl-matrix

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grid-index: 1.1.0

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murmurhash-js

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supercluster: 7.0.0

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David H. Munro wrote Yorick and Gist. Berkeley Yacc (byacc) generated the Yorick parser. The routines in Math are from LAPACK and FFTPACK; MathC contains C translations by David H. Munro. The algorithms for Yorick's random number generator and several special functions in Yorick/include were taken from Numerical Recipes by Press, et. al., although the Yorick implementations are unrelated to those in Numerical Recipes. A small amount of code in Gist was adapted from the X11R4 release, copyright M.I.T. -- the complete copyright notice may be found in the (unused) file Gist/host.c.

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Dependency: SOLARIZED Color palette

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Chris Colbert began the Kiwi project in December 2013 in an effort to create a blisteringly fast UI constraint solver. Chris is still the project lead.

The Nucleic Development Team is the set of all contributors to the Nucleic project and its subprojects.

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#-----  
  
++++  
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Dependency: Six:1.15.0
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```
+++++++
Dependency: Certifi:2020.6.20
```

This package contains a modified version of ca-bundle.crt:  
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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#  
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:  
<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?>

```
raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
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Just configure this file as the SSLCertificateFile.#
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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
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43dd49c9782848c25e5b03448c8a0f923f13c158)
```

```
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%% promise-polyfill version 8.1.0 (https://github.com/taylorhakes/promise-polyfill)
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%% string_scoring version 0.1.20 (https://github.com/joshaven/string_score)
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%% JS Beautifier version 1.6.2 (https://github.com/beautify-web/js-beautify)  
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%% Ionic documentation version 1.2.4 (<https://github.com/driftyco/ionic-site>)

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%% vscode-swift version 0.0.1 (<https://github.com/owensd/vscode-swift>)

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Additional Dependencies:

promise-polyfill:8.1.0

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ujson

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xarray

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faye-websocket v. 0.11.1

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websocket-driver v. 0.7.0

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Some files from the tests folder are from joyent/node and mscedex/io.js, a fork of nodejs/io.js:

```
tests/iojs/test-http-parser-durability.js
```

This file is from <https://github.com/mscedex/io.js/blob/js-http-parser/test/pummel/test-http-parser-durability.js> with modifications by Jan Schär (jsscissr).

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```
tests/fixtures/* tests/parallel/* tests/testpy/* tests/common.js
```

tests/test.py tests/utills.py

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```
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spring-boot-starter-2.3.4.RELEASE.jar
spring-boot-starter-actuator-2.3.4.RELEASE.jar
spring-boot-starter-aop-2.3.4.RELEASE.jar
spring-boot-starter-cache-2.3.4.RELEASE.jar
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spring-boot-starter-json-2.3.4.RELEASE.jar
spring-boot-starter-log4j2-2.3.4.RELEASE.jar
spring-boot-starter-logging-2.3.4.RELEASE.jar
spring-boot-starter-tomcat-2.3.4.RELEASE.jar
spring-boot-starter-validation-2.3.4.RELEASE.jar
spring-boot-starter-web-2.3.4.RELEASE.jar
spring-boot-starter-websocket-2.3.4.RELEASE.jar
```

```
spring-aop-5.2.9.RELEASE.jar
spring-aspects-5.2.9.RELEASE.jar
spring-beans-5.2.9.RELEASE.jar
spring-boot-actuator-2.3.4.RELEASE.jar
spring-boot-actuator-autoconfigure-2.3.4.RELEASE.jar
spring-boot-autoconfigure-2.3.4.RELEASE.jar
spring-boot-configuration-metadata-2.3.4.RELEASE.jar
spring-context-5.2.9.RELEASE.jar
spring-context-support-5.2.9.RELEASE.jar
spring-core-5.2.9.RELEASE.jar
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jackson-datatype-jsr310-2.11.2.jar

Jackson-module-afterburner-2.11.2.jar

Jackson-module-annotations-2.11.2.jar  
jackson-module-parameter-names-2.11.2.jar

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jakarta.el-3.0.3.jar

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jakarta.annotation-api:jar:1.3.5

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jakarta.persistence-api:jar:2.2.3

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Maven-artifact-3.6.3.jar  
Maven-plugin-api-3.6.3.jar

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micrometer-core-1.5.5.jar  
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okhttp-3.14.9.jar

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okio-1.17.2.jar

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Plexus-0.3.4.jar

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Contributors:

Stuart McCulloch (Sonatype, Inc.) - initial API and implementation

---

Plexus-classworlds-2.6.0.jar

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Plexus-component-annotations-1.5.5.jar

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Plexus-utils-3.1.0.jar

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Reactive-streams-1.0.3.jar

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Sisu-guice-3.2.5.jar

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Sisu-inject-bean-2.6.0.jar

---

Sisu-inject-plexus-2.6.0.jar

```
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 */
```

---

slf4j-api-1.7.30.jar

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snakeyaml-1.26.jar

```
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 */
```

---

spring-retry-1.2.5.jar

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---

```
tomcat-embed-core-9.0.38.jar
tomcat-embed-el-9.0.19.jar
tomcat-embed-websocket-9.0.38.jar
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The Windows Installer is built with the Nullsoft
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Java compilation software for JSP pages is provided by the Eclipse
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https://www.eclipse.org/jdt/core/.
```

```
org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc grammar
for JSON written by Robert Fischer.
https://github.com/RobertFischer/json-parser
```

```
For portions of the Tomcat JNI OpenSSL API and the OpenSSL JSSE integration
The org.apache.tomcat.jni and the org.apache.tomcat.net.openssl packages
are derivative work originating from the Netty project and the finagle-native
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```

```
The original XML Schemas for Java EE Deployment Descriptors:
```

- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd

- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
- web-fragment\_4\_0.xsd

may be obtained from:

<http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html>

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- jsp\_3\_0.xsd
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- web-common\_5\_0.xsd
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txw2-2.3.3.jar

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## Spring Retry

**Vendor:** Pivotal Software, Inc

Spring Retry, Version 1.2.5

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## Springfox

**Vendor:** Marty Pitt, Dilip Krishnan, and Adrian Kelly

Springfox 2.9.2

```
springfox-bean-validators-2.9.2.jar
springfox-swagger2-2.9.2.jar
springfox-core-2.9.2.jar
springfox-schema-2.9.2.jar
springfox-spi-2.9.2.jar
springfox-spring-web-2.9.2.jar
springfox-swagger-common-2.9.2.jar
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 */
```

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Fourth party dependencies:

```
spring-plugin-core-1.2.0.RELEASE.jar
spring-plugin-metadata-1.2.0.RELEASE.jar
/*
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```
swagger-annotations-1.5.20.jar
swagger-models-1.5.21.jar
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```

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byte-buddy-1.9.16.jar
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 */
/**
 * The Byte Buddy agent allows the redefinition of classes at runtime.
 */
*****
*/mapstruct-1.2.0.Final.jar
/**
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```

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## swagger-ui

**Vendor: SmartBear Software**

swagger-ui 3.25.4

swagger-ui.js  
swagger-ui-bundle.js  
swagger-ui-standalone-preset.js  
swagger-ui.css

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swagger-io dependencies:

runtime-corejs2:7.5.5

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sanitize-url:4.0.0

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object-assign-deep:0.4.2

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xml:1.0.2

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base64-js:1.2.0

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classnames:2.2.6

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core-js:2.5.1

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css.escape:1.5.1

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deep-extend:0.6.0

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dompurify:2.0.7

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prop-types:15.7.2

react:15.6.2

react-dom:15.6.2

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react-inspector:2.3.0

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react-motion:0.5.2

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React-redux:4.4.10

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serialize-error:2.1.0

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sha.js:2.4.11

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swagger-client:3.10.4

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url-parse:1.4.7

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xml-but-prettier:1.0.1

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lib/erl/src/Makefile.am

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```
/*
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*/
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Dependency: org.apache.httpcomponents:httpClient:4.5.10

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Dependency: org.apache.httpcomponents:httpcore:4.4.13

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Dependency: commons-logging:commons-logging:1.2

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java  
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The content of package org.apache.commons.codec.language.bm has been translated  
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```
zeppelin-spark-dependencies-0.8.2.jar
// -----
// NOTICE file corresponding to the section 4d of The Apache
// License,
//
// Version 2.0, in this case for Zeppelin: Spark
// dependencies
// -----
Zeppelin: Spark dependencies
Copyright 2013-2019 The Apache Software Foundation
```

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This product includes software, JVM Integration for Metrics, developed  
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This product includes software, Netty, developed  
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This product includes software, JavaBeans Activation Framework (JAF), developed  
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GlassFish Community (<https://glassfish.java.net>).  
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Apache Software Foundation (<http://www.apache.org>).  
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This product includes software, javax.ws.rs-api, developed  
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Oracle Corporation (<http://www.oracle.com/>).  
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This product includes software, ServiceLocator Default Implementation, developed  
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Oracle Corporation (<http://www.oracle.com>).  
This product includes software, OSGi resource locator bundle - used by various API providers that rely on META-INF/services mechanism to locate providers., developed by

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This product includes software, javax.inject:1 as OSGi bundle, developed by

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org.scalanlp ([\\$project.organization.url](#)).  
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QOS.ch (<http://www.qos.ch>).  
This product includes software, JUL to SLF4J bridge, developed  
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This product includes software, SLF4J API Module, developed  
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QOS.ch (<http://www.qos.ch>).  
This product includes software, SLF4J LOG4J-12 Binding, developed  
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aether-api-1.12.jar  
aether-connector-file-1.12.jar

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aether-connector-wagon-1.12.jar
aether-impl-1.12.jar
aether-spi-1.12.jar
aether-util-1.12.jar
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The initial code for shuffling an array (originally in class "org.apache.commons.math3.random.RandomDataGenerator", now replaced by a method in class "org.apache.commons.math3.util.MathArrays") was inspired from the algorithm description provided in "Algorithms", by Ian Craw and John Pulham (University of Aberdeen 1999). The textbook (containing a proof that the shuffle is uniformly random) is available here:

<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.173.1898&rep=rep1&type=pdf>

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and PowellOptimizer (package org.apache.commons.math3.optimization.general)  
classes are based on the Python code in module "optimize.py" (version 0.5)  
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slf4j-api 1.7.26

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flatbuffers-java 1.10.0

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projectlombok 1.18.2

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Name: ND4J Libraries

nd4j-api-1.0.0-beta5.jar

nd4j-buffer-1.0.0-beta5.jar

nd4j-common-1.0.0-beta5.jar

nd4j-context-1.0.0-beta5.jar

```

nd4j-jackson-1.0.0-beta5.jar
nd4j-native-1.0.0-beta5-linux-x86_64.jar
nd4j-native-1.0.0-beta5.jar
nd4j-native-api-1.0.0-beta5.jar
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```

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+--- 4th party: com.google.guava:failureaccess:1.0.1

```

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+--- 4th party: com.google.guava:listenablefuture:9999.0-empty-to-avoid-conflict-with-
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### Dependencies

aopalliance 1.0

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com.google.guava 27.1

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javax.inject 1

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com.google.guava.failureaccess 1.0.1

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com.google.guava.listenablefuture 9999.0-empty-to-avoid-conflict-with-guava

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It is currently developed by a community of developers, as well as supported
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hk2-locator-2.5.0-b42.jar  
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```

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```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

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---

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jakarta.inject-2.6.1.jar  
jakarta.validation-api-2.0.2.jar  
jakarta.ws.rs-api-2.1.6.jar

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```

```
.  
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## JSON Sanitizer

### Vendor: Mike Samuel

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findbugs:sr305:302

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## junixsocket

**Vendor:** NewsClub, Christian Kohlschütter

junixsocket  
Unix Domain Sockets for Java + RMI-over-AF\_UNIX.

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See <https://github.com/kohlschutter/junixsocket> for more information.

-----separator-----  
junixsocket

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## Vendor: Apache

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file\_io/unix/mktemp.c, strings/apr\_strings.c:

```
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```

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```

From network\_io/unix/inet\_ntop.c, network\_io/unix/inet\_pton.c:

```
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```

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```
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```

From strings/apr\_strnatcmp.c, include/apr\_strings.h:

```
strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
```

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From strings/apr\_sprintf.c:

```
*
* cvt - IEEE floating point formatting routines.
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*
```

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```
*/
```

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```

```
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*/
```

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```

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*/
```

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```
#
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# This comes from X11R5 (mit/util/scripts/install.sh).
#
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- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
- web-fragment\_4\_0.xsd

may be obtained from:

<http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html>

The Apache license appears in [Apache](#).

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