

## Introduction

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The Apache Software Foundation	Avro for Java, version 1.11.3	See <a href="#">Avro for Java, version 1.11.3</a> .

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The Legion Of The Bouncy Castle	bcpkix-fips 1.0.7, version 1.0.7	See <a href="#">bcpkix-fips 1.0.7</a> .
Marijn Haverbeke	CodeMirror, version 5.65.9	See <a href="#">CodeMirror, version 5.65.9</a> .
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The Apache Software Foundation	cxfr-core 4.0.4	See <a href="#">cxfr-core 4.0.4</a> .
The Apache Software Foundation	cxfr-rt-features-logging 4.0.4	See <a href="#">cxfr-rt-features-logging 4.0.4</a> .
The Apache Software Foundation	cxfr-rt-features-logging-transport-http5 4.0.4	See <a href="#">cxfr-rt-features-logging-transport-http5 4.0.4</a> .
The Apache Software Foundation	cxfr-rt-features-logging-transport-http5 4.0.4	See <a href="#">cxfr-rt-features-logging-transport-http5 4.0.4</a> .
The Apache Software Foundation	cxfr-spring-boot-starter-jaxws 4.0.4	See <a href="#">cxfr-spring-boot-starter-jaxws 4.0.4</a> .
Mike McKerns	dill, version 0.3.6	See <a href="#">dill, version 0.3.6</a> .

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Code Hale, Inc., Yammer Inc. and the Dropwizard Team	dropwizard-util, version 4.0.1	See <a href="#">dropwizard-util 4.0.1</a> .
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Google Inc.	google-auth-library-oauth2-http, version 1.13.0	See <a href="#">google-auth-library-oauth2-http, Version 1.13.0</a> .
Google Inc.	google-http-client-apache-v2, version 1.42.3	See <a href="#">google-http-client-apache-v2, version 1.42.3</a> .
GDK license Apache 2.0	Graal Development Kit 4.3.7	See <a href="#">Graal Development Kit 4.3.7</a> .
Google Inc.	GSON, version 2.10.1	See <a href="#">GSON 2.10.1</a> .
Google Inc.	GSON, version 2.9.1	See <a href="#">Google GSON, Version 2.9.1</a> .
Google Inc.	Guava, version 32.0.1	See <a href="#">Guava, version 32.0.1</a> .
Google Inc.	Guava, version 32.1.1	See <a href="#">Guava, version 32.1.1</a> .

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h2database.com	H2, version 2.2.220	See <a href="#">H2, version 2.2.220</a> .
Red Hat Middleware LLC	hibernate-core, version 6.1.7.Final	See <a href="#">hibernate-core, version 6.1.7.Final</a> .
Niklas von Herten	html2canvas, version 1.4.1	See <a href="#">html2canvas, version 1.4.1</a> .
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Tomitribe	HTTP Signatures Java Client, version 1.8	See <a href="#">HTTP Signatures Java Client, version 1.8</a> .
The Apache Software Foundation	Iceberg Core 1.4.2	See <a href="#">Iceberg Core 1.4.2</a> .
FasterXML, LLC	Jackson Annotations, version 2.15.3	See <a href="#">Jackson Annotations 2.15.3</a> .
FasterXML, LLC	Jackson Annotations, version 2.17	See <a href="#">Jackson Annotations 2.17.0</a> .
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FasterXML, LLC	jackson-datatype-hibernate6, version 2.15.2	See <a href="#">jackson-datatype-hibernate6 2.15.2</a> .
FasterXML, LLC	jackson-datatype-hibernate6, version 2.15.4	See <a href="#">jackson-datatype-hibernate6 2.15.4</a> .
FasterXML, LLC	jackson-jaxrs-json-provider, version 2.15.3	See <a href="#">jackson-jaxrs-json-provider 2.15.3</a> .
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Eclipse Foundation	jakarta.xml.ws-api, version 4.0.1	See <a href="#">jakarta.xml.ws-api 4.0.1</a> .
Eclipse Foundation	Jakarta Restful Web Services JAX-RS API, version 3.1.0	See <a href="#">Jakarta Restful Web Services JAX-RS API, version 3.1.0</a> .
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Eclipse Foundation	jetty-alpn-java-server version 12.0.6	See <a href="#">jetty-alpn-java-server 12.0.6</a> .
Eclipse Foundation	jetty-alpn-server, version 12.0.6	See <a href="#">jetty-alpn-server 12.0.6</a> .
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Eclipse Foundation	Jetty-http, version 11.0.19	See <a href="#">Jetty-http 11.0.19</a> .
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Eclipse Foundation	jetty-server, version 11.0.19	See <a href="#">jetty-server 11.0.19</a> .
Eclipse Foundation	jetty-servlet, version 11.0.19	See <a href="#">jetty-servlet 11.0.19</a> .
Eclipse Foundation	jetty-util, version 11.0.19	See <a href="#">jetty-util 11.0.19</a> .
Eclipse Foundation	jetty-webapp, version 11.0.19	See <a href="#">jetty-webapp 11.0.19</a> .
Eclipse Foundation	jetty-xml, version 11.0.19	See <a href="#">jetty-xml 11.0.19</a> .
Timothy Wall	JNA 5.14.0	See <a href="#">JNA 5.14.0</a> .
Kalle Stenflo	json-path, version 2.9.0	See <a href="#">JsonPath License, Version 2.9.0</a> .
Julian Berman	jsonschema, version 4.5.1	See <a href="#">jsonschema License, Version 4.5.1</a> .
James Hall	jsPDF, version 2.5.1	See <a href="#">jsPDF License, Version 2.5.1</a> .
Stuart Knightley et. al	JSZip, version 3.10.1	See <a href="#">JSZip License, Version 3.10.1</a> .
QOS.ch	jul-to-slf4j, version 2.0.7	See <a href="#">jul-to-slf4j 2.0.7</a> .
CamDavidsonPilon	Lifelines License, Version 0.27.7	See <a href="#">Lifelines License, Version 0.27.7</a> .
QOS.ch	log4j-over-slf4j 2.0.7	See <a href="#">log4j-over-slf4j 2.0.7</a> .
QOS.ch	logback-classic, version 1.4.14	See <a href="#">logback-classic 1.4.14</a> .
QOS.ch	logback-core, version 1.4.14	See <a href="#">logback-core 1.4.14</a> .
The Apache Software Foundation	Logstash Logback Encoder, version 7.2	See <a href="#">Logstash Logback Encoder, version 7.2</a> .
Project Lombok	Lombok, version 1.18.24	See <a href="#">Lombok License, Version 1.18.24</a> .
Project Lombok	Lombok, version 1.18.30	See <a href="#">Lombok 1.18.30</a> .
MapStruct Authors	mapstruct-core, version 1.5.5.Final	See <a href="#">mapstruct-core, version 1.5.5.Final</a> .
Microsoft	Microsoft JDBC Driver for SQL Server, version 12.2.0.jre11	See <a href="#">Microsoft JDBC Driver for SQL Server 12.2.0.jre11</a> .

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The Apache Software Foundation	Mina SSHD-sftp 2.12.1	See <a href="#">Mina SSHD-sftp 2.12.1</a> .
MongoDB, Inc.	mongodb-driver-sync, version 4.10.2	See <a href="#">mongodb-driver-sync, version 4.10.2</a> .
Connect2id Ltd.	Nimbus JOSE+JWT 9.37.3	See <a href="#">Nimbus JOSE+JWT 9.37.3</a> .
Connect2id Ltd.	Nimbus OAuth 2.0 SDK with OpenID Connect extensions, version 11.6	See <a href="#">Nimbus OAuth 2.0 SDK with OpenID Connect extensions 11.6</a> .
NumPy Developers	numba, version 0.57.1	See <a href="#">numba, version 0.57.1</a>
NumPy Developers	NumPy, version 1.23.5	See <a href="#">numpy, version 1.23.5</a> .
NumPy Developers	NumPy, version 1.24.3	See <a href="#">numpy, version 1.24.3</a> .
NumPy Developers	NumPy, version 1.24.4	See <a href="#">numpy, version 1.24.4</a> .
Glen Smith	OpenCSV, version 5.8	See <a href="#">OpenCSV, version 5.8</a> .
Glen Smith	OpenCSV, version 5.9	See <a href="#">OpenCSV, version 5.9</a> .
AQR Capital Management, LLC, Lambda Foundry, Inc. and PyData Development Team	Pandas, version 1.5.3	See <a href="#">Pandas, version 1.5.3</a> .
The PyData Development Team	pandas, version 2.0.2	See <a href="#">pandas, version 2.0.2</a> .
The PyData Development Team	pandas, version 2.0.3	See <a href="#">pandas, version 2.0.3</a> .
The Apache Software Foundation	poi-ooxml, version 5.2.3	See <a href="#">poi-ooxml License, Version 5.2.3</a> .
Brent Ely	pptxgenjs, version 3.11.0	See <a href="#">PptxGenJS License, Version 3.11.0</a> .
Facebook, Inc	Prophet, version 1.1.4	See <a href="#">Prophet, version 1.1.4</a> .

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Google Inc.	Protocol Buffers (aka Google protobuf), version 4.24.1	See <a href="#">Protocol Buffers (aka Google protobuf), version 4.24.1</a> .
Google Inc.	Protocol Buffers (aka Google protobuf), version 4.24	See <a href="#">Protocol Buffers (aka Google protobuf), version 4.24</a> .
The Apache Software Foundation	pyarrow, version 12.0.1	See <a href="#">pyarrow, version 12.0.1</a> .
Terracota	Quartz Job Scheduler, version 2.3.2	See <a href="#">Quartz Job Scheduler, version 2.3.2</a> .
Salvatore Sanfilippo	Redis, version 6.2.11	See <a href="#">Redis, version 6.2.11</a> ,
Robert Winkler and Bohdan Storozhuk	resilience4j-annotations, version 2.1.0	See <a href="#">resilience4j-annotations 2.1.0</a> .
Robert Winkler and Bohdan Storozhuk	resilience4j-ratelimiter, version 2.1.0	See <a href="#">resilience4j-ratelimiter 2.1.0</a> .
Software Freedom Conservancy	REST-assured 5.2.0	See <a href="#">REST-assured 5.2.0</a> .
ENS Paris-Saclay, CNRS	ruptures, version 1.1.8	See <a href="#">ruptures, version 1.1.8</a> .
LAMP/EPFL and Lightbend, Inc.	scala-collection-compat_2.12, version 2.11.0	See <a href="#">scala-collection-compat_2.12 2.11.0</a> .
scikit-learn developers	scikit-learn, version 1.2.2	See <a href="#">scikit-learn, version 1.2.2</a> .
scikit-learn developers	scikit-learn, version 1.3.0	See <a href="#">scikit-learn, version 1.3.0</a> .
SciPy developers	scipy, version 1.10.1	See <a href="#">scipy, version 1.10.1</a> .
Scott Lundberg	shap, version 0.44.0	See <a href="#">shap 0.44.0</a> .
QOS.ch	slf4j-api, version 2.0.12	See <a href="#">slf4j-api 2.0.12</a> .
QOS.ch	slf4j-api, version 2.0.7	See <a href="#">slf4j-api 2.0.7</a> .
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Pivotal, Inc.	spring-beans 6.1.5	See <a href="#">spring-beans 6.1.5</a> .
Pivotal, Inc.	spring-boot 3.2.3	See <a href="#">spring-boot 3.2.3</a> .
Pivotal, Inc.	spring-boot-autoconfigure 3.2.3	See <a href="#">spring-boot-autoconfigure 3.2.3</a> .
Pivotal, Inc.	spring-boot-maven-plugin 3.2.3	See <a href="#">spring-boot-maven-plugin 3.2.3</a> .
Pivotal, Inc.	Spring-boot-starter 3.2.3	See <a href="#">Spring-boot-starter 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-actuator 3.2.3	See <a href="#">spring-boot-starter-actuator 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-aop 3.2.3	See <a href="#">spring-boot-starter-aop 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-batch 3.2.3	See <a href="#">spring-boot-starter-batch 3.2.3</a> .
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Pivotal, Inc.	spring-boot-starter-data-jpa 3.2.3	See <a href="#">spring-boot-starter-data-jpa 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-data-rest 3.2.3	See <a href="#">spring-boot-starter-data-rest 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-jdbc 3.2.3	See <a href="#">spring-boot-starter-jdbc 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-jetty 3.2.3	See <a href="#">spring-boot-starter-jetty 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-json 3.2.3	See <a href="#">spring-boot-starter-json 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-logging 3.2.3	See <a href="#">spring-boot-starter-logging 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-mail 3.2.3	See <a href="#">spring-boot-starter-mail License, Version 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-quartz 3.2.3	See <a href="#">spring-boot-starter-quartz 3.2.3</a> .

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Pivotal, Inc.	spring-boot-starter-validation 3.2.3	See <a href="#">spring-boot-starter-validation 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-web 3.2.3	See <a href="#">spring-boot-starter-web 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-webflux 3.2.3	See <a href="#">spring-boot-starter-webflux 3.2.3</a> .
Pivotal, Inc.	spring-boot-starter-websocket 3.2.3	See <a href="#">spring-boot-starter-websocket 3.2.3</a> .
Pivotal Software, Inc	spring-cloud-context, version 3.1.3	See <a href="#">spring-cloud-context, version 3.1.3</a> .
Pivotal Software, Inc	spring-cloud-context, version 4.0.4	See <a href="#">spring-cloud-context, version 4.0.4</a> .
Pivotal Software, Inc	spring-cloud-dependencies 2023.0.0	See <a href="#">spring-cloud-dependencies 2023.0.0</a> .
Pivotal Software, Inc	spring-cloud-starter License, Version 3.1.6	See <a href="#">spring-cloud-starter License, Version 3.1.6</a> .
Pivotal Software, Inc	spring-cloud-starter License, Version 4.0.4	See <a href="#">spring-cloud-starter License, Version 4.0.4</a> .
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Pivotal Software, Inc	spring-context 6.1.5	See <a href="#">spring-context 6.1.5</a> .
Pivotal Software, Inc	spring-core 6.1.3	See <a href="#">spring-core 6.1.3</a> .
Pivotal Software, Inc	spring-core 6.1.5	See <a href="#">spring-core 6.1.5</a> .
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Pivotal, Inc.	Spring Retry, version 1.3.3	See <a href="#">Spring Retry, version 1.3.3</a> .
Pivotal, Inc.	Spring Retry, version 2.0.3	See <a href="#">Spring Retry 2.0.3</a> .
Pivotal, Inc.	Spring Retry, version 2.0.5	See <a href="#">Spring Retry 2.0.5</a> .

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Google	tensorflow-hub, version 0.13.0	See <a href="#">tensorflow-hub, version 0.13.0</a> .
Google	tensorflow-hub, version 0.14.0	See <a href="#">tensorflow-hub, version 0.14.0</a> .
The TensorFlow Authors	Tensorflow Python, version 2.12.0	See <a href="#">Tensorflow Python, version 2.12.0</a> .
Andrey Petrov	urllib3, version 1.26.15	See <a href="#">urllib3, version 1.26.15</a> .
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## Apache Iceberg Spark runtime 1.4.2

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It is currently developed by a community of developers.

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## bc-fips 1.0.2.4

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org.apache.ws.xmlschema:xmlschema-core

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org.eclipse.angus:angus-activation

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org.apache.httpcomponents.client5:httpclient5:jar

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org.springframework	spring-beans
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ch.qos.logback logback-core
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org.apache.cxf:cxf-rt-transport-http  
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org.apache.cxf:cxf-rt-frontend-simple  
org.apache.cxf:cxf-rt-bindings-xml  
org.apache.cxf:cxf-rt-ws-addr  
org.apache.cxf:cxf-rt-wsdl  
org.apache.cxf:cxf-rt-ws-policy  
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org.apache.tomcat.embed tomcat-embed-core  
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`org.apache.tomcat.util.json.JSONParser.jj` is a public domain javacc grammar for JSON written by Robert Fischer.  
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- `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:

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

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This is a Java port of Daniel Lemire's fast\_float project.  
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# Jackson JSON processor

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
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./spec/src/main/asciidoc/license-efsl.adoc

[subs="normal"]

....

Specification: {doctitle}

Version: {revnumber}

Status: {revremark}

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....

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- \* [The API repository] (<https://github.com/eclipse-ee4j/beanvalidation-api>)
- \* [The TCK repository] (<https://github.com/eclipse-ee4j/beanvalidation-tck>)

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JUnit (4.11)

\* License: Common Public License 1.0

Mockito (2.16.0)

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org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

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```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN">
<html><head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Eclipse.org Software User Agreement</title>
</head><body lang="EN-US" link="blue" vlink="purple">
<h2>Eclipse Foundation Software User Agreement</h2>
<p>March 17, 2005</p>
```

```
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```

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```

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</ul>

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Other developers who have contributed code are:

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```

provider)

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./src/main/resources/META-INF/NOTICE

# Jackson JSON processor

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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## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

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```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN">
<html><head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
```

<title>Eclipse.org Software User Agreement</title>  
</head><body lang="EN-US" link="blue" vlink="purple">  
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## dropwizard-http2 4.0.4

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Other developers who have contributed code are:

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./smile/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.jakarta.rs:jackson-jakarta-rs-json-
provider)

```

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./xml/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.jakarta.rs:jackson-jakarta-rs-json-provider)

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./yaml/src/main/resources/META-INF/NOTICE

(Notice same as com.fasterxml.jackson.jakarta.rs:jackson-jakarta-rs-json-provider)

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Dependency: com.fasterxml.jackson.module:jackson-module-blackbird  
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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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## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

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Dependency: org.glassfish.jersey.core:jersey-common

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Dependency: org.glassfish.jersey.ext:jersey-metainf-services

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## dropwizard-util 4.0.1

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Other developers who have contributed code are:

* Brian Langel

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# Jackson JSON processor

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has  
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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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```
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  "pandas" needs "numpy"
    "numpy" has embedded dependencies whose licenses are below.
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    "python-dateutil" needs "six"
      "six" doesn't have any dependencies
  "pandas" needs "pytz"
    "pytz" doesn't have any dependencies
  "pandas" needs "tzdata"
    "tzdata" doesn't have any dependencies
gluonts needs "pydantic"
  "pydantic" needs "typing-extensions"
    "typing-extensions" doesn't have any dependencies
gluonts needs "toolz"
  "toolz" doesn't have any dependencies
gluonts needs "tqdm"
  "tqdm" doesn't have any dependencies
gluonts needs "typing-extensions"
  "typing-extensions" doesn't have any dependencies
```

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Original algorithm for the implementation of rk\_interval function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

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

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

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

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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com.google.guava:failureaccess
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org.codehaus.mojo:animal-sniffer-annotations
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{
    void checkVersion1();
}
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io.opencensus:opencensus-proto
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org.apache.httpcomponents:httpclient

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com.google.auto.value:auto-value-annotations

com.google.api.grpc:proto-google-common-protos

com.google.api.grpc:proto-google-analytics-data-v1alpha

com.google.api.grpc:proto-google-analytics-data-v1beta

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com.google.guava:listenablefuture

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io.grpc:grpc-api  
io.grpc:grpc-context  
io.grpc:grpc-stub  
io.grpc:grpc-protobuf  
io.grpc:grpc-protobuf-lite  
io.grpc:grpc-alts io.grpc:grpc-grpclb  
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org.checkerframework:checker-qual

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io.perfmark:perfmark-api

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org.conscrypt:conscrypt-openjdk-uber

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org.bouncycastle:bcpkix-jdk15on

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org.codehaus.mojo:animal-sniffer-annotations

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```
public interface Api
```

```
{
```

```
void checkVersion1();
```

```
}
```

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io.opencensus:opencensus-proto

io.opencensus:opencensus-api

io.opencensus:opencensus-contrib-http-util

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```

org.threeten:threetenbp

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com.fasterxml.jackson.datatype:jackson-datatype-jdk8

com.fasterxml.jackson.datatype:jackson-datatype-jsr310

com.fasterxml.jackson.module:jackson-module-parameter-names

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jakarta.annotation:jakarta.annotation-api

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TimeoutBlockingWaitStrategy.java and parts of Util.java

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FOURTH-PARTY DEPENDENCY #21 NAME : org.apache.tomcat.embed:tomcat-embed-el

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- 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:

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org.slf4j:jul-to-slf4j

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org.springframework:spring-aop

org.springframework:spring-beans

org.springframework:spring-context

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com.google.j2objc:j2objc-annotations

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# html2canvas, version 1.4.1

Niklas von Herten

niklasvh/html2canvas 1.4.0

-- css-line-break

-- utrie

-- base64-arraybuffer

-- text-segmentation

-- utrie

--base64-arraybuffer

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css-line-break

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base64-arraybuffer

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utrie

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FasterXML, LLC

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Top level component : jackson-annotations 2.15.3
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FasterXML, LLC

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Top level component : jackson-annotations 2.17.0  
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This is a Java port of Daniel Lemire's fast\_float project.  
This project provides parsers for double, float, BigDecimal and BigInteger  
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## jackson-datatype-hibernate6 2.15.2

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Source: <https://github.com/jax-rs/api>

javax.ws.rs:jsr311-api:jar:1.1.1 (1.1.1)

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Project: <https://github.com/jax-rs/api>

Source: <http://search.maven.org/remotecontent?filepath=javafx/ws/rs/jsr311-api/1.1.1/jsr311-api-1.1.1-sources.jar>  
javafx:javaee-web-api:jar:7.0 (7.0)

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Project: <https://javaee.github.io>  
Source: <http://search.maven.org/remotecontent?filepath=javafx/javaee-web-api/7.0/javaee-web-api-7.0-sources.jar>  
JUnit (4.12)

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## Jakarta Restful Web Services JAX-RS API, version 3.1.0

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## Jakarta Servlet, version 6.0.0

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## 4.0.1

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Project: <https://maven.apache.org/shared/file-management/>  
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License: Eclipse Public License  
JUnit (4.12)

License: Eclipse Public License  
maven-compat (3.5.2)

License: Apache-2.0  
Project: <https://maven.apache.org/ref/3.5.2/maven-compat/>  
Source: <https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2>  
maven-core (3.5.2)

License: Apache-2.0  
Project: <https://maven.apache.org/ref/3.5.2/maven-core/index.html>  
Source: <https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2>  
maven-plugin-annotations (3.5)

License: Apache-2.0  
Project: <https://maven.apache.org/plugin-tools/maven-plugin-annotations/>  
Source: <https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations>  
maven-plugin-api (3.5.2)

License: Apache-2.0  
maven-resolver-api (1.1.1)

License: Apache-2.0  
maven-resolver-api (1.1.1)

License: Apache-2.0  
maven-resolver-connector-basic (1.1.1)

License: Apache-2.0  
maven-resolver-impl (1.1.1)

License: Apache-2.0  
maven-resolver-spi (1.1.1)

License: Apache-2.0  
maven-resolver-transport-file (1.1.1)

License: Apache-2.0  
Project: <https://maven.apache.org/resolver/maven-resolver-transport-file/>  
Source: <https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file>  
maven-resolver-util (1.1.1)

License: Apache-2.0  
maven-settings (3.5.2)

License: Apache-2.0  
Source: <https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2>  
OSGi Service Platform Core Companion Code (6.0)

License: Apache License, 2.0  
plexus-archiver (3.5)

License: Apache-2.0  
Project: <https://codehaus-plexus.github.io/plexus-archiver/>  
Source: <https://github.com/codehaus-plexus/plexus-archiver>  
plexus-io (3.0.0)

License: Apache-2.0  
plexus-utils (3.1.0)

License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana University Extreme! Lab Software License V1.1.1 (Apache 1.1 style)  
relaxng-datatype (1.0)

License: New BSD license  
Sax (0.2)

License: SAX-PD  
Project: <http://www.megginson.com/downloads/SAX/>  
Source: [http://sourceforge.net/project/showfiles.php?group\\_id=29449](http://sourceforge.net/project/showfiles.php?group_id=29449)  
testng (6.14.2)

License: Apache-2.0 AND (MIT OR GPL-1.0+)  
Project: <https://testng.org/doc/index.html>  
Source: <https://github.com/cbeust/testng>  
wagon-http-lightweight (3.0.0)

License: Pending  
Project: <https://maven.apache.org/wagon/>  
Source: <https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0>  
xz for java (1.8)

License: LicenseRef-Public-Domain  
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jakarta.activation:jakarta.activation-api

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Source Code

The project maintains the following source code repositories:

<https://github.com/jakartae/jaf-api>

<https://github.com/jakartae/jaf-tck>

Third-party Content

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Apache commons-lang (3.5)

License: Apache-2.0

font-awesome (4.7.0)

License: OFL-1.1 AND MIT

jsoup (1.10.2)

License: MIT  
JTHarness (5.0)

License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)  
Project: <https://wiki.openjdk.java.net/display/CodeTools/JT+Harness>  
Source: <http://hg.openjdk.java.net/code-tools/jtharness/>  
JUnit (4.12)

License: Eclipse Public License  
normalize.css (3.0.2)

License: MIT  
Project: <http://neocolas.github.io/normalize.css/>  
Source: <http://neocolas.github.io/normalize.css/>  
SigTest (4.0)

License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0  
Project: <https://wiki.openjdk.java.net/display/CodeTools/sigtest>  
Source: <http://hg.openjdk.java.net/code-tools/sigtest/file/c57f97e2ac2f>  
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com.sun.xml.ws:jaxws-tools

com.sun.xml.ws:jaxws-eclipselink-plugin  
com.sun.xml.ws:sdo-eclipselink-plugin  
com.sun.xml.ws:release-documentation  
com.sun.xml.ws:samples  
com.sun.xml.ws:jaxws-rt

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## Source Code

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<https://github.com/eclipse-ee4j/metro-xmlstreambuffer>  
<https://github.com/eclipse-ee4j/metro-policy>  
<https://github.com/eclipse-ee4j/metro-wsit>  
<https://github.com/eclipse-ee4j/metro-mimepull>  
<https://github.com/eclipse-ee4j/metro-ws-test-harness>  
<https://github.com/eclipse-ee4j/metro-package-rename-task>  
<https://github.com/eclipse-ee4j/metro-jax-ws>  
<https://github.com/eclipse-ee4j/metro-saaj>  
<https://github.com/eclipse-ee4j/metro-jwsdp-samples>  
<https://github.com/eclipse-ee4j/jax-rpc-ri>

## Third-party Content

This project leverages the following third party content.

addressing.xml Version: 2004/10 (n/a)

License: W3C

Project: <https://www.w3.org/Submission/ws-addressing/>

Source: <http://schemas.xmlsoap.org/ws/2004/08/addressing/>

ant-launcher (1.10.2)

License: Apache-2.0 AND SAX-PD AND W3C

Project: <https://ant.apache.org/>

Source: <http://central.maven.org/maven2/org/apache/ant/ant-launcher/1.10.2/ant-launcher-1.10.2-sources.jar>

Apache Ant (1.6)

License: Apache-1.1

Project: <https://ant.apache.org/>

Source: <https://repol.maven.org/maven2/ant/ant/1.6/ant-1.6-sources.jar>

Apache Ant (1.10.2)

License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

commons-logging (1.1.2)

License: Apache-2.0

Project: <https://commons.apache.org/proper/commons-logging/>

Source: <http://central.maven.org/maven2/commons-logging/commons-logging/1.1.2/commons-logging-1.1.2-sources.jar>

JUnit (4.12)

License: Eclipse Public License

maven-core (3.5.2)

License: Apache-2.0

maven-plugin-annotations (3.5.1)

License: Apache-2.0

Project: <https://maven.apache.org/plugin-tools/maven-plugin-annotations/project-info.html>

Source: <https://github.com/apache/maven-plugin-tools/tree/maven-plugin-tools-3.5.1/maven-plugin-annotations>

maven-plugin-api (3.5.2)

License: Apache-2.0

Project: <https://maven.apache.org/>

Source: <https://github.com/apache/maven/tree/master/maven-plugin-api>  
maven-resolver-api (1.1.1)

License: Apache-2.0  
maven-resolver-util (1.1.1)

License: Apache-2.0  
maven-settings (3.5.2)

License: Apache-2.0  
mex.xsd Version: 2004/09 (n/a)

License: Oasis Style  
Project: <https://www.w3.org/Submission/WS-MetadataExchange/#appendix-II>  
Source: <http://schemas.xmlsoap.org/ws/2004/09/mex/MetadataExchange.xsd>  
plexus-utils (3.1.0)

License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana  
University Extreme! Lab Software License V1.1.1 (Apache 1.1 style)  
relaxng-datatype (1.0)

License: New BSD license  
stax2-api (4.1)

License: Pending  
Project: <https://github.com/FasterXML/stax2-api>  
Source: [http://central.maven.org/maven2/org/codehaus/woodstox/stax2-api/4.1/  
stax2-api-4.1-sources.jar](http://central.maven.org/maven2/org/codehaus/woodstox/stax2-api/4.1/stax2-api-4.1-sources.jar)  
testng (6.14.2)

License: Apache-2.0 AND MIT  
Project: <https://testng.org/doc/index.html>  
Source: <https://github.com/cbeust/testng>  
woodstox-core-asl (4.4.1)

License: Apache-2.0  
woodstox-core-asl (5.1.0)

License: Apache-2.0  
Project: <https://github.com/FasterXML/woodstox>  
Source: <https://github.com/FasterXML/woodstox>  
ws-addr.wsd (1.0)

License: W3C  
Project: <https://www.w3.org/2005/08/addressing/>  
Source: <https://www.w3.org/2006/03/addressing/ws-addr.xsd>  
wsat.xsd Version: 2004/10 (n/a)

License: Oasis Style  
Project: <http://schemas.xmlsoap.org/ws/2004/10/wsat/>  
Source: <http://schemas.xmlsoap.org/ws/2004/10/wsat/wsat.xsd>  
wscoor.xsd (1.0)

License: OASIS Style  
wscoor.xsd (1.1)

License: Oasis (Custom)  
Project: <http://docs.oasis-open.org/ws-tx/wscoor/2006/06>

Source: <http://docs.oasis-open.org/ws-tx/wscoor/2006/06/wstx-wscoor-1.1-schema-200701.xsd>  
wsrm Version: 2005/02 (n/a)

License: Oasis (Custom)  
Project: <http://schemas.xmlsoap.org/ws/2005/02/rm/>  
Source: <http://schemas.xmlsoap.org/ws/2005/02/rm/wsrml.xsd>; <http://schemas.xmlsoap.org/ws/2005/02/rm/wsrml-policy.xsd>  
wsrm.xsd (1.2)

License: Oasis  
wstx-wsat.xsd (1.1)

License: Oasis (Custom)  
xmlsec (1.5.8)

License: Apache-2.0  
Project: <http://santuario.apache.org/>  
Source: <https://repol.maven.org/maven2/org/apache/santuario/xmlsec/1.5.8/xmlsec-1.5.8-sources.jar>  
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org.eclipse.persistence:org.eclipse.persistence.moxy  
org.eclipse.persistence:org.eclipse.persistence.core  
org.eclipse.persistence:org.eclipse.persistence.sdo

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Source Code

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<https://github.com/eclipse-ee4j/eclipselink>  
<https://github.com/eclipse-ee4j/eclipselink-workbench>  
<https://github.com/eclipse-ee4j/eclipselink-oracledbparser>  
<https://github.com/eclipse-ee4j/eclipselink-examples>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/eclipselink.releng>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/eclipselink.runtime>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/eclipselink.utils.temp>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/examples>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/examples/mysports>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/examples/nosql>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/examples/performance>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/examples/temporal>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/incubator>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/javax.persistence>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/oracledbparser>

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Service Data Objects (SDO) (2.1)

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Activation Framework (1.1)

License: Common Development and Distribution License

ANTLR (3.0)

License: New BSD license

ANTLR Runtime only (3.5.2)

License: New BSD License

Project: <http://www.antlr3.org/>

Source: <http://repo1.maven.org/maven2/org/antlr/antlr-runtime/3.5.2/antlr-runtime-3.5.2-sources.jar>

ANTLR Runtime only: Version (3.2)

License: New BSD license

Apache Ant (1.7.0)

License: Apache License, 2.0

Apache Ant (1.10.7)

License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

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Apache Geronimo Jaxws 2.1 Spec (1.0)

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Apache Java Servlet API (2.4)

License: Apache License, 2.0

atinject (Package javax.inject) (1.0)

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License: Apache License, 2.0  
Bean Validation API (1.0)

License: Apache License, 2.0  
Source: <http://anonsvn.jboss.org/repos/hibernate/beanvalidation/trunk/validation-api/>  
Bean Validation API (1.0.0)

License: Apache License, 2.0  
Project: <http://repository.jboss.com/maven2/javax/validation/validation-api/1.0.0.GA/>  
Source: <http://repository.jboss.com/maven2/javax/validation/validation-api/1.0.0.GA/>  
Bean Validation API (1.1.0)

License: Apache License, 2.0  
Project: <http://beanvalidation.org/>  
Bean Validation API (2.0.1)

License: Apache-2.0  
Project: <http://beanvalidation.org/>  
Source: <https://github.com/beanvalidation/beanvalidation-api/releases/tag/2.0.1.Final>  
bnd (0.0.351)

License: Apache License, 2.0  
Project: <http://sourceforge.net/projects/bnd/>  
Source: <http://sourceforge.net/projects/bnd/cdi-api> (1.0)

License: Apache License, 2.0  
cdi-api 2.0 (JSR 365: Contexts and Dependency Injection for Java (2.0))

License: Apache-2.0  
Project: <http://www.cdi-spec.org/>  
Source: <http://repol.maven.org/maven2/javax/enterprise/cdi-api/2.0/cdi-api-2.0-sources.jar>  
Classmate library (1.0.0)

License: Apache License, 2.0  
Project: <http://github.com/cowtowncoder/java-classmate>  
Source: <https://github.com/cowtowncoder/java-classmate/archive/classmate-1.0.0.tar.gz>  
commons-logging-1.1.1.jar (1.1.1)

License: Apache License, 2.0  
Project: <http://commons.apache.org/logging/>  
Source: <http://apache.siamwebhosting.com/commons/logging/binaries/commons-logging-1.1.1-bin.zip>  
EJB (3.0)

License: Common Development and Distribution License  
Project: <http://java.sun.com/products/ejb/ejb-api> (3.1.1)

License: Common Development and Distribution License  
Expression Language API (2.2)

License: Common Development and Distribution License, Apache 2.0 License  
Project: <https://uel.java.net/>  
Source: <http://download.java.net/maven/2/javax/el/el-api/2.2/el-api-2.2-sources.jar>  
Expression Language Implementation (2.2.2)

License: Common Development and Distribution License  
Project: <https://uel.java.net/>  
Source: <http://search.maven.org/remotecontent?filepath=org/glassfish/web/javax.el/2.2.2/javax.el-2.2.2-sources.jar>  
geronimo activation (1.1)

License: Apache License, 2.0  
glassfish-corba-orb (4.2.0)

License: CDDL-1.1 OR GPL-2.0 With Classpath-exception-2.0  
gmbal (4.0.0)

License: (CDDL-1.1 OR GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0) AND Apache-2.0  
Project: <https://javaee.github.io/gmbal/>  
Source: <https://github.com/javaee/gmbal>  
gmbal-api (3.2.0)

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Project: <https://javaee.github.io/gmbal/>  
Source: <https://github.com/javaee/gmbal>  
gmbal-pfl basic\_4.0.1.b003 (4.0.1)

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hk2-api (2.3.0)

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hk2-locator (2.3.0)

License: Common Development and Distribution License  
hk2-utils (2.3.0)

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Java API for JSON Processing JSR-353 (JSON-P) (0.0.99)

License: Common Development and Distribution License  
Project: <http://json-processing-spec.java.net>  
Source: <http://java.net/projects/jsonp>  
Java API for JSON Processing JSR-353 (JSON-P) (1.0)

License: Common Development and Distribution License  
Project: <http://jsonp.java.net/>  
Source: <http://search.maven.org/remotecontent?filepath=javax/json/javax.json-api/1.0/javax.json-api-1.0-sources.jar>  
Java API for JSON Processing RI JSR-353 (1.0)

License: Common Development and Distribution License  
Project: <http://jsonp.java.net/>  
Source: <http://search.maven.org/remotecontent?filepath=org/glassfish/javax.json/1.0/javax.json-1.0-sources.jar>  
Java Transaction (JTA) (1.1)

License: Common Development and Distribution License  
Java Transaction API (1.3)

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JavaCC (5.0)

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JavaMail (1.4)

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Javax.annotation (1.2)

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Javax.interceptor API (1.2)

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License: Common Development and Distribution License  
Project: <https://jsonp.java.net>  
Source: <http://central.maven.org/maven2/org/glassfish/javax.json/1.0.4/javax.json-1.0.4-sources.jar>  
javax.json.bind-api (1.0)

License: Common Development and Distribution License  
Project: <https://java.net/projects/jsonb-spec/pages/Home>  
Source: <https://java.net/projects/jsonb-spec/sources/git/show>  
javax.ws.rs (2.0.1)

License: Common Development and Distribution License, + 1 file partial ASL  
JAX-RS (JSR311) API (1.1.1)

License: Common Development and Distribution License  
Project: <https://jsr311.dev.java.net/>  
Source: <http://download.java.net/maven/2/javax/ws/rs/jsr311-api/1.1/jsr311-api-1.1-sources.jar>  
JAXB (2.1.9)

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JAXB (2.1.12)

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JAXB 2.0 Reference Implementation (jaxb-impl.jar) (2.0.5)

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JAXB IMPL (2.1.12)

License: Common Development and Distribution License  
Project: <https://jaxb.dev.java.net/2.1.12/>  
Source: [https://jaxb.dev.java.net/2.1.12/JAXB2\\_20090708.jar](https://jaxb.dev.java.net/2.1.12/JAXB2_20090708.jar)  
JAXB 2.0 XJC (2.0.5)

License: Common Development and Distribution License  
JAXB 2.2 API (Binary only) (2.2)

License: Common Development and Distribution License  
Project: <https://jaxb.dev.java.net/2.2/>  
Source: [https://jaxb.dev.java.net/2.2/JAXB2\\_20091104.jar](https://jaxb.dev.java.net/2.2/JAXB2_20091104.jar)  
JAXB 2.2 Impl (Binary only) (2.2)

License: Common Development and Distribution License  
JAXB 2.2 XJC (Binary) (2.2)

License: BSD, CDDL, Public Domain  
Project: <https://jaxb.dev.java.net/2.2/>  
Source: [https://jaxb.dev.java.net/2.2/JAXB2\\_20091104.jar](https://jaxb.dev.java.net/2.2/JAXB2_20091104.jar)  
JAXB API (2.2.12)

License: Common Development and Distribution License  
Project: <https://jaxb.java.net/>  
Source: [https://maven.java.net/service/local/artifact/maven/redirect?  
r=metro-388&g=javax.xml.bind&a=jaxb-api&v=2.2.12-b140109.1041&e=jar&c=sources](https://maven.java.net/service/local/artifact/maven/redirect?r=metro-388&g=javax.xml.bind&a=jaxb-api&v=2.2.12-b140109.1041&e=jar&c=sources)  
JAXB API (2.1.12)

License: Common Development and Distribution License  
Project: <https://jaxb.dev.java.net/2.1.12/>  
Source: [https://jaxb.dev.java.net/2.1.12/JAXB2\\_20090708.jar](https://jaxb.dev.java.net/2.1.12/JAXB2_20090708.jar)  
JAXB CORE (2.2.11)

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Project: <https://jaxb.java.net/>  
Source: [https://maven.java.net/service/local/artifact/maven/redirect?  
r=metro-535&g=org.glassfish.jaxb&a=jaxb-core&v=2.2.11-M1&e=jar&c=sources](https://maven.java.net/service/local/artifact/maven/redirect?r=metro-535&g=org.glassfish.jaxb&a=jaxb-core&v=2.2.11-M1&e=jar&c=sources)  
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Apache License, 2.0  
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Source: [https://maven.java.net/service/local/artifact/maven/redirect?  
r=metro-535&g=org.glassfish.jaxb&a=jaxb-xjc&v=2.2.11-M1&e=jar&c=sources](https://maven.java.net/service/local/artifact/maven/redirect?r=metro-535&g=org.glassfish.jaxb&a=jaxb-xjc&v=2.2.11-M1&e=jar&c=sources)  
JAXB-API 2.0 (2.0)

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Project: <http://jersey.java.net/>  
Source: <https://github.com/jersey/jersey>  
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Jersey Guava Repackaged (2.14)

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management-api (3.2.1)

License: (CDDL-1.1 OR GPL-2.0-only OR GPL-2.0-only WITH Classpath-exception-2.0)  
Project: <https://javaee.github.io/gmbal-commons/>  
Source: <https://github.com/javaee/gmbal-commons>  
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Project: <https://docs.mongodb.org/ecosystem/drivers/java/>  
Source: <http://central.maven.org/maven2/org/mongodb/mongo-java-driver/3.2.0/mongo-java-driver-3.2.0-sources.jar>  
mongodb java driver (3.11.2)

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Project: <http://opencsv.sourceforge.net/>  
Source: [http://downloads.sourceforge.net/opencsv/opencsv-1.8-src-with-libs.tar.gz?modtime=1185864370&big\\_mirror=0](http://downloads.sourceforge.net/opencsv/opencsv-1.8-src-with-libs.tar.gz?modtime=1185864370&big_mirror=0)  
oracle-nosql-client (18.3.10)

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org.osgi.core (6.0.0)

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License: Pending  
pax-exam-container-forked (4.13.1)

License: Pending  
pax-exam-junit4 (4.13.1)

License: Pending  
pax-exam-link-mvn (4.13.1)

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sdo Version: SDO (2.1.1)

License: SDO License (Custom)  
Project: <http://jcp.org/aboutJava/communityprocess/pr/jsr235/index.html>  
SLF4J API (1.7.2)

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License: MIT  
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License: Apache License, 2.0  
Project: <http://www.springframework.org>  
Source: [http://downloads.sourceforge.net/springframework/spring-framework-2.5.3-with-dependencies.zip?modtime=1204283106&big\\_mirror=0](http://downloads.sourceforge.net/springframework/spring-framework-2.5.3-with-dependencies.zip?modtime=1204283106&big_mirror=0)  
spring-aop (5.2.0)

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Project: <http://xerces.apache.org/xerces2-j/>  
Source: [https://svn.apache.org/repos/asf/xerces/java/tags/Xerces-J\\_2\\_12\\_0/Cryptography](https://svn.apache.org/repos/asf/xerces/java/tags/Xerces-J_2_12_0/Cryptography)  
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org.eclipse.persistence:org.eclipse.persistence.asm

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<https://github.com/eclipse-ee4j/eclipselink-examples>  
<https://github.com/eclipse-ee4j/eclipselink-asm>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/eclipselink.releng>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/eclipselink.runtime>  
<https://git.eclipse.org/r/plugins/gitiles/eclipselink/eclipselink.utils.temp>  
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<https://git.eclipse.org/r/plugins/gitiles/eclipselink/examples/temporal>  
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Source: <http://download.forge.ow2.org/asm/asm-5.1.tar.gz>  
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Project: <http://asm.ow2.org>  
Source: [http://forge.ow2.org/project/download.php?group\\_id=23&file\\_id=21864](http://forge.ow2.org/project/download.php?group_id=23&file_id=21864)  
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Project: <http://asm.ow2.org>  
Source: [https://gitlab.ow2.org/asm/asm/tags/ASM\\_6\\_1\\_1](https://gitlab.ow2.org/asm/asm/tags/ASM_6_1_1)  
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jakarta.xml.bind:jakarta.xml.bind-api:4.0.0

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License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)  
Project: <https://wiki.openjdk.java.net/display/CodeTools/JTHarness>  
Source: <http://hg.openjdk.java.net/code-tools/jtharness/normalize.css> (3.0.2)

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jakarta.xml.soap:jakarta.xml.soap-api:3.0.0

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com.sun.xml.messaging.saaj:saaj-impl:3.0.0

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<https://github.com/eclipse-ee4j/metro-mimepull>  
<https://github.com/eclipse-ee4j/metro-ws-test-harness>  
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Source: <http://schemas.xmlsoap.org/ws/2004/08/addressing/ant-launcher> (1.10.2)

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Project: <https://ant.apache.org/>  
Source: <http://central.maven.org/maven2/org/apache/ant/ant-launcher/1.10.2/ant-launcher-1.10.2-sources.jar>  
Apache Ant (1.6)

License: Apache-1.1  
Project: <https://ant.apache.org/>  
Source: <https://repol.maven.org/maven2/ant/ant/1.6/ant-1.6-sources.jar>  
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Project: <https://commons.apache.org/proper/commons-logging/>  
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maven-plugin-annotations (3.5.1)

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Project: <https://maven.apache.org/plugin-tools/maven-plugin-annotations/project-info.html>  
Source: <https://github.com/apache/maven-plugin-tools/tree/maven-plugin-tools-3.5.1/maven-plugin-annotations>  
maven-plugin-api (3.5.2)

License: Apache-2.0  
Project: <https://maven.apache.org/>  
Source: <https://github.com/apache/maven/tree/master/maven-plugin-api>  
maven-resolver-api (1.1.1)

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mex.xsd Version: 2004/09 (n/a)

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Project: <https://www.w3.org/Submission/WS-MetadataExchange/#appendix-II>  
Source: <http://schemas.xmlsoap.org/ws/2004/09/mex/MetadataExchange.xsd>  
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Source: <http://central.maven.org/maven2/org/codehaus/woodstox/stax2-api/4.1/stax2-api-4.1-sources.jar>  
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Project: <https://testng.org/doc/index.html>  
Source: <https://github.com/cbeust/testng>  
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woodstox-core-asl (5.1.0)

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Project: <https://github.com/FasterXML/woodstox>  
Source: <https://github.com/FasterXML/woodstox>  
ws-addr.wsd (1.0)

License: W3C  
Project: <https://www.w3.org/2005/08/addressing/>  
Source: <https://www.w3.org/2006/03/addressing/ws-addr.xsd>  
wsat.xsd Version: 2004/10 (n/a)

License: Oasis Style  
Project: <http://schemas.xmlsoap.org/ws/2004/10/wsat/>  
Source: <http://schemas.xmlsoap.org/ws/2004/10/wsat/wsat.xsd>  
wscoor.xsd (1.0)

License: OASIS Style  
wscoor.xsd (1.1)

License: Oasis (Custom)  
Project: <http://docs.oasis-open.org/ws-tx/wscoor/2006/06>  
Source: <http://docs.oasis-open.org/ws-tx/wscoor/2006/06/wstx-wscoor-1.1-schema-200701.xsd>  
wsrm Version: 2005/02 (n/a)

License: Oasis (Custom)  
Project: <http://schemas.xmlsoap.org/ws/2005/02/rm/>  
Source: <http://schemas.xmlsoap.org/ws/2005/02/rm/wsrn.xsd>; <http://schemas.xmlsoap.org/ws/2005/02/rm/wsrn-policy.xsd>  
wsrm.xsd (1.2)

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wstx-wsat.xsd (1.1)

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xmlsec (1.5.8)

License: Apache-2.0  
Project: <http://santuario.apache.org/>  
Source: <https://repol.maven.org/maven2/org/apache/santuario/xmlsec/1.5.8/xmlsec-1.5.8-sources.jar>  
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\* <https://github.com/eclipse-ee4j/jersey>

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org.glassfish.jersey.connectors:jersey-apache-connector

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## jetty-ee8-webapp 12.0.6

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## jetty-io 11.0.19

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## jetty-jndi 12.0.6

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## jetty-webapp 11.0.19

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## JNA 5.14.0

Timothy Wall

net.java.dev.jna:jna

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```
jsonschema 4.5.1 has dependencies on following libraries:
  jsonschema needs "attrs"
    "attrs" doesn't have any dependencies
  jsonschema needs "importlib-resources"
    "importlib-resources" needs "zipp"
      "zipp" doesn't have any dependencies
  jsonschema needs "pysistent"
    "pysistent" doesn't have any dependencies
```

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```
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license_type: MIT License
license_text:
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package\_name: pyrsistent  
license\_type: MIT License  
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4th party dependencies  
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@babel/runtime

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atob

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btoa

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rgbcolor

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stackblur-canvas

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svg-pathdata

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core-js

<https://github.com/zloirock/core-js>

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dompurify

<https://github.com/cure53/DOMPurify>

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html2canvas

[niklasvh/html2canvas](https://github.com/niklasvh/html2canvas)

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css-line-break

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utrie

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base64-arraybuffer

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text-segmentation

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3rd party dependencies under src/libs  
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AtobBtoa.js - see "External 3rd party dependencies" above  
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Blob - There is only one version -  
<https://github.com/eligrey/Blob.js>  
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[1]: <http://eligrey.com>  
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File Saver - Version info NA  
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JPEGEncoder - Version info NA (BSD license)

<https://github.com/mikechambers/as3corelib>

An ActionScript 3 Library that contains a number of classes and utilities for working with ActionScript? 3. These include classes for MD5 and SHA 1 hashing, Image encoders, and JSON serialization as well as general String, Number and Date APIs.

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WebPDecoder - Version info NA

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```
* Copyright 2011-2017 Dominik Hombberger
* Libwebp Javascript / libwebpjs - the libwebp implementation in javascript
(v0.6.0)
*
* Author: Dominik Hombberger (dominik.hombberger@gmail.com)
*/
```

```
-----
bidiEngine - version info NA
https://github.com/parallax/jsPDF/blob/v2.5.1/src/libs/bidiEngine.js
Unicode Bidi Engine based on the work of Alex Shensis (@asthensis)
MIT License
-----
```

```
flate - see "External 3rd party dependencies" above
-----
```

```
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```
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omggif - no version - https://github.com/deanm/omggif
```

```
// (c) Dean McNamee , 2013.
```

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```

```
// https://github.com/deanm/omggif
```

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//
```

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```

```
//
```

```
// omggif is a JavaScript implementation of a GIF 89a encoder and decoder,
// including animation and compression. It does not rely on any specific
// underlying system, so should run in the browser, Node, or Plask.
```

```
-----
pdfsecurity - *
https://github.com/foliojs/pdfkit
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```

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 *
 * Reference: http://www.fpdf.org/en/script/script37.php
```

```
-----  
rgbcolor.js -  
/**  
 * A class to parse color values  
 * @author Stoyan Stefanov  
 * {@link http://www.phpied.com/rgb-color-parser-in-javascript/}  
 * @license Use it if you like it  
 */  
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```

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Version 2.0, January 2004

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lie

<https://github.com/calvinmetcalf/lie/releases/tag/v3.3.0>

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immediate

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set-immediate-shim

<https://github.com/sindresorhus/set-immediate-shim>

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readable-stream

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inherits

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core-util-is

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isarray

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process-nexttick-args

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jul-to-slf4j

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the `rk_double` implementation by Isaku Wada.

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Name: Julia

The ziggurat methods were derived from Julia.

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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.

The core team that coordinates development on GitHub can be found here: <http://github.com/nucleic>. The current team consists of:

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LGPL

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## logback-core 1.4.14

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1. com.github.stephenc.jcip » jcip-annotations (Apache 2.0)

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# Nimbus OAuth 2.0 SDK with OpenID Connect extensions 11.6

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

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The rk\_random and rk\_seed functions algorithms and the original design of the Mersenne Twister RNG:

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Original algorithm for the implementation of rk\_interval function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the rk\_double implementation by Isaku Wada.

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The ziggurat methods were derived from Julia.

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Changes to original Implementation:

ADD methods:

Optional<IOException> getException()  
to get the exception stored by ICSVWriter, AbstractCSVWriter or CSVWriter

void resetError()  
to reset the exception stored by ICSVWriter, AbstractCSVWriter or CSVWriter

ADD Test-Cases:

getExceptionReturnsException()  
getExceptionReturnsExceptionUsingPrintWriter()  
resetException()  
resetError()

to test the added methods

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tempita

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Name: SFC64

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

<https://gist.github.com/imneme/f1f7821f07cf76504a97f6537c818083>

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PCG Random Number Generation for C.

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The rk\_random and rk\_seed functions algorithms and the original design of the Mersenne Twister RNG:

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Original algorithm for the implementation of rk\_interval function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the rk\_double implementation by Isaku Wada.

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Name: Julia

The ziggurat methods were derived from Julia.

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pako

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readable-stream

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core-util-is

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process-nextick-args

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safe-buffer

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"""

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util-deprecate

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setimmediate

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## Prophet, version 1.1.4

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license\_text:  
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prophet 1.1.4 has dependencies on following libraries:

```
prophet needs "cmdstanpy"
  "cmdstanpy" needs "numpy"
    "numpy" embedded/bundled libraries are listed at the bottom
  "cmdstanpy" needs "pandas"
    "pandas" needs "numpy"
      "numpy" embedded/bundled libraries are listed at the bottom
    "pandas" needs "python-dateutil"
      "python-dateutil" needs "six"
        "six" doesn't have any dependencies
    "pandas" needs "pytz"
      "pytz" doesn't have any dependencies
    "pandas" needs "tzdata"
      "tzdata" doesn't have any dependencies
  "cmdstanpy" needs "tqdm"
    "tqdm" doesn't have any dependencies
prophet needs "convertdate"
  "convertdate" needs "PyMeeus"
    "PyMeeus" doesn't have any dependencies

prophet needs "holidays"
  "holidays" needs "python-dateutil"
    "python-dateutil" needs "six"
      "six" doesn't have any dependencies
prophet needs "importlib-resources"
  "importlib-resources" needs "zip"
    "zip" doesn't have any dependencies
prophet needs "LunarCalendar"
  "LunarCalendar" needs "ephem"
    "ephem" doesn't have any dependencies
  "LunarCalendar" needs "python-dateutil"
    "python-dateutil" needs "six"
      "six" doesn't have any dependencies
  "LunarCalendar" needs "pytz"
    "pytz" doesn't have any dependencies
prophet needs "matplotlib"
  "matplotlib" needs "contourpy"
```

```

    "contourpy" needs "numpy"
    "numpy" embedded/bundled libraries are listed at the bottom
"matplotlib" needs "cyclor"
    "cyclor" doesn't have any dependencies
"matplotlib" needs "fonttools"
    "fonttools" doesn't have any dependencies
"matplotlib" needs "importlib-resources"
    "importlib-resources" needs "zipp"
    "zipp" doesn't have any dependencies
"matplotlib" needs "kiwisolver"
    "kiwisolver" doesn't have any dependencies
"matplotlib" needs "numpy"
    "numpy" doesn't have any dependencies
"matplotlib" needs "packaging"
    "packaging" doesn't have any dependencies
"matplotlib" needs "Pillow"
    "Pillow" doesn't have any dependencies
"matplotlib" needs "pyparsing"
    "pyparsing" doesn't have any dependencies
"matplotlib" needs "python-dateutil"
    "python-dateutil" needs "six"
    "six" doesn't have any dependencies
"matplotlib" need "Agg" and "ttconv" embedded whose licenses are below.
prophet needs "numpy"
"numpy" embedded/bundled libraries are listed at the bottom
prophet needs "pandas"
"pandas" needs "numpy"
    "numpy" embedded/bundled libraries are listed at the bottom
"pandas" needs "python-dateutil"
    "python-dateutil" needs "six"
    "six" doesn't have any dependencies
"pandas" needs "pytz"
    "pytz" doesn't have any dependencies
"pandas" needs "tzdata"
    "tzdata" doesn't have any dependencies
prophet needs "python-dateutil"
    "python-dateutil" needs "six"
    "six" doesn't have any dependencies
prophet needs "tqdm"
    "tqdm" doesn't have any dependencies

```

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```

package_name: cmdstanpy
license_type: BSD License
license_text:
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```

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<https://gist.github.com/imneme/f1f7821f07cf76504a97f6537c818083>

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PCG Random Number Generation for C.

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the `rk_double` implementation by Isaku Wada.

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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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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.

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Fourth party dependencies :

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com.mchange:c3p0  
com.mchange:mchange-commons-java  
org.slf4j-api

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## Redis, version 6.2.11

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3. linenoise - BSD 2-Clause
4. lua 5.1 - MIT License
5. hdr\_histogram - BSD 2-Clause

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5.hdr\_histogram

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## resilience4j-annotations 2.1.0

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license_type: BSD License  
license_text:  
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  "numpy" doesn't have any dependencies
ruptures needs "scipy"
  "scipy" needs "numpy"
    "numpy" doesn't have any dependencies, exxcept for embedded software
whose licenses are below
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package_name: scipy
license_type: BSD 3-Clause License
license_text:
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Name: LAPACK

Files: extra-dll\libopenb\*.dll

Description: bundled in OpenBLAS

Availability: <https://github.com/xianyi/OpenBLAS/>

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dragon4

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Name: SFC64

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

<https://gist.github.com/imneme/flf7821f07cf76504a97f6537c818083>

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Original algorithm for the implementation of rk\_interval function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

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The ziggurat methods were derived from Julia.

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Name: L-BFGS-B

This is a Python wrapper (using F2PY) written by David M. Cooke <cookedm@physics.mcmaster.ca> and released as version 0.9 on April 9, 2004. The wrapper was slightly modified by Joonas Paalasmaa for the 3.0 version in March 2012.

License of L-BFGS-B (Fortran code)

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The version included here (in lbfgsb.f) is 3.0 (released April 25, 2011). It was written by Ciyou Zhu, Richard Byrd, and Jorge Nocedal <nocedal@ece.nwu.edu>. It carries the following condition for use:

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#### References

- \* R. H. Byrd, P. Lu and J. Nocedal. A Limited Memory Algorithm for Bound Constrained Optimization, (1995), SIAM Journal on Scientific and Statistical Computing, 16, 5, pp. 1190-1208.
- \* C. Zhu, R. H. Byrd and J. Nocedal. L-BFGS-B: Algorithm 778: L-BFGS-B, FORTRAN routines for large scale bound constrained optimization (1997), ACM Transactions on Mathematical Software, 23, 4, pp. 550 - 560.
- \* J.L. Morales and J. Nocedal. L-BFGS-B: Remark on Algorithm 778: L-BFGS-B, FORTRAN routines for large scale bound constrained optimization (2011), ACM Transactions on Mathematical Software, 38, 1.

"""

The Python wrapper  
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This code uses F2PY (<http://cens.ioc.ee/projects/f2py2e/>) to generate the wrapper around the Fortran code.

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Arlington, MA

and

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Name: uarray

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Name: HiGHS

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Name: Biasedurn

----- Forwarded message -----

From: Agner Fog <agner@agner.org>  
Date: Wed, Jul 22, 2020 at 8:54 PM  
Subject: Re: Add BiasedUrn to SciPy?  
To: Matt Haberland <mhaberla@calpoly.edu>  
Cc: Warren Weckesser <warren.weckesser@gmail.com>

Dear Matt The C++ code for these distributions without binding to the R project are available here:

<https://www.agner.org/random/stocc.zip>

You have my permission to use it in SciPy under the new BSD license.

Best regards,

Agner Fog

On 22/07/2020 17.05, Matt Haberland wrote:

Hi Agner, I'm a maintainer of the Python scientific computing library SciPy, and I'm working on improving the capabilities of our statistics subpackage `scipy.stats`. We'd like to add both Fisher's and Wallenius' noncentral hypergeometric distributions, but these look quite challenging to implement. We found your BiasedUrn package, and we'd love to wrap it, but we can't include GPL-3 licensed code under our BSD-new license. Would you consider re-licensing BiasedUrn under a more permissive license, such as BSD-new or MIT, so we can include it in SciPy?  
Thank you for considering it!

Matt

--

Matt Haberland  
Assistant Professor  
BioResource and Agricultural Engineering  
08A-3K, Cal Poly

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-----  
Name: UNU.RAN

Permission was granted on 23 March 2021 by Josef Leydold (josef.leydold@wu.ac.at) and Wolfgang Hoermann (hormannw@bound.edu.tr) to use the UNU.RAN code excluding the uniform random number generator in `src/uniform/mrg31k3p.c` (copyright by Renee Touzin) under the BSD licence. The following files have been removed from the original library:

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unuran-1.8.1/autoconf/config.sub
unuran-1.8.1/autoconf/depcomp
unuran-1.8.1/autoconf/install-sh
unuran-1.8.1/autoconf/ltmain.sh
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unuran-1.8.1/autoconf/mdate-sh  
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unuran-1.8.1/src/Makefile.in  
unuran-1.8.1/src/README  
unuran-1.8.1/src/distr/Makefile.am  
unuran-1.8.1/src/distr/Makefile.in  
unuran-1.8.1/src/distributions/Makefile.am  
unuran-1.8.1/src/distributions/Makefile.in  
unuran-1.8.1/src/distributions/README  
unuran-1.8.1/src/methods/Makefile.am  
unuran-1.8.1/src/methods/Makefile.in  
unuran-1.8.1/src/parser/Makefile.am  
unuran-1.8.1/src/parser/Makefile.in  
unuran-1.8.1/src/parser/functparser\_doc.dh  
unuran-1.8.1/src/parser/make\_stringparser.pl  
unuran-1.8.1/src/parser/stringparser\_doc.dh  
unuran-1.8.1/src/specfunct/Makefile.am  
unuran-1.8.1/src/specfunct/Makefile.in  
unuran-1.8.1/src/tests/Makefile.am  
unuran-1.8.1/src/tests/Makefile.in  
unuran-1.8.1/src/uniform/Makefile.am  
unuran-1.8.1/src/uniform/Makefile.in  
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unuran-1.8.1/tests/t\_unif.conf  
unuran-1.8.1/tests/t\_unur\_error.c

```

unuran-1.8.1/tests/t_unur_error.conf
unuran-1.8.1/tests/t_unur_tests.c
unuran-1.8.1/tests/t_unur_tests.conf
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unuran-1.8.1/tests/t_x_gen.conf
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unuran-1.8.1/tests/test_StdDistr.m
unuran-1.8.1/tests/test_functionparser.c
unuran-1.8.1/tests/test_functionparser.m
unuran-1.8.1/tests/testcounter.c
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unuran-1.8.1/tests/testdistributions/Makefile.in
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unuran-1.8.1/tests/testdistributions/c_wo_logpdf.c
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unuran-1.8.1/tests/testdistributions/vc_special_correlations_constantrho.c
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unuran-1.8.1/tests/testdistributions/vc_wo_logpdf.c
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unuran-1.8.1/tests/testunuran.h
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unuran-1.8.1/src/methods/deprecated_vmt.c
unuran-1.8.1/src/methods/deprecated_vmt.h
unuran-1.8.1/src/methods/deprecated_vmt_struct.h
unuran-1.8.1/src/parser/stringparser_lists.ch.in

```

UNU.RAN relies on a modified version of the library Cephес, see ./src/src/specfunct/cephes\_source.h

Details from /src/src/specfunct/cephes\_source.h

=====

This file was considerably changed for UNU.RAN.  
As a consequence it has been renamed from "mconf.h" to  
"cephes\_source.h" to avoid confusion.

We were only interested in the files:

```

gamma.c
igamma.c
incbet.c

```

```

    ndtr.c
    ndtri.c
to use these files we needed the auxiliary files:
    isnan.c
    mtherr.c
    polevl.c
The aim was to enhance portability for ANSI C without expert
knowledge of the floating point unit.
The main changes are
    numeric constants (in cephes - const.c) are replaced
    by macros defined in this file (source_mconf.h).
We changed these constants using the constants provided by
ANSI C in the math.h file.
We changed also the definitions of MAXGAM (in incbet.c) and of
MAXSTIR (in gamma.c).
Everything concerning NANS and INFINITY was moved into isnan.c.
(Also the defines to turn it off or on.)
We have only tested this version with NAN and INFINITY turned
off, but we have not changed anything concerning that
question. So turning this support on should (could) work.
March 26th, 2001, Josef Leydold and Wolfgang Hoermann.

```

```

/*-----*/

/*          mconf.h
 *
 * Common include file for math routines
 *
 *
 * SYNOPSIS:
 *
 * #include "mconf.h"
 *
 *
 * DESCRIPTION:
 *
 * This file contains definitions for error codes that are
 * passed to the common error handling routine mtherr()
 * (which see).
 *
 * The file also includes a conditional assembly definition
 * for the type of computer arithmetic (IEEE, DEC, Motorola
 * IEEE, or UNKnown).
 *
 * For Digital Equipment PDP-11 and VAX computers, certain
 * IBM systems, and others that use numbers with a 56-bit
 * significand, the symbol DEC should be defined. In this
 * mode, most floating point constants are given as arrays
 * of octal integers to eliminate decimal to binary conversion
 * errors that might be introduced by the compiler.
 *
 * For little-endian computers, such as IBM PC, that follow the
 * IEEE Standard for Binary Floating Point Arithmetic (ANSI/IEEE
 * Std 754-1985), the symbol IBMPC should be defined. These
 * numbers have 53-bit significands. In this mode, constants
 * are provided as arrays of hexadecimal 16 bit integers.

```

```
*
* Big-endian IEEE format is denoted MIEEE.  On some RISC
* systems such as Sun SPARC, double precision constants
* must be stored on 8-byte address boundaries.  Since integer
* arrays may be aligned differently, the MIEEE configuration
* may fail on such machines.
*
* To accommodate other types of computer arithmetic, all
* constants are also provided in a normal decimal radix
* which one can hope are correctly converted to a suitable
* format by the available C language compiler.  To invoke
* this mode, define the symbol UNK.
*
* An important difference among these modes is a predefined
* set of machine arithmetic constants for each.  The numbers
* MACHEP (the machine roundoff error), MAXNUM (largest number
* represented), and several other parameters are preset by
* the configuration symbol.  Check the file const.c to
* ensure that these values are correct for your computer.
*
* Configurations NANS, INFINITIES, MINUSZERO, and DENORMAL
* may fail on many systems.  Verify that they are supposed
* to work on your computer.
*/
```

Cephes Math Library Release 2.3: June, 1995  
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## scala-collection-compat\_2.12 2.11.0

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tempita

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dragon4

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Name: SFC64

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

<https://gist.github.com/imneme/flf7821f07cf76504a97f6537c818083>

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the `rk_double` implementation by Isaku Wada.

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The zigurat methods were derived from Julia.

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- \* R. H. Byrd, P. Lu and J. Nocedal. A Limited Memory Algorithm for Bound Constrained Optimization, (1995), SIAM Journal on Scientific and Statistical Computing, 16, 5, pp. 1190-1208.
- \* C. Zhu, R. H. Byrd and J. Nocedal. L-BFGS-B: Algorithm 778: L-BFGS-B, FORTRAN routines for large scale bound constrained optimization (1997), ACM Transactions on Mathematical Software, 23, 4, pp. 550 - 560.

\* J.L. Morales and J. Nocedal. L-BFGS-B: Remark on Algorithm 778: L-BFGS-B, FORTRAN routines for large scale bound constrained optimization (2011), ACM Transactions on Mathematical Software, 38, 1.

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----- Forwarded message -----

From: Agner Fog <agner@agner.org>

Date: Wed, Jul 22, 2020 at 8:54 PM

Subject: Re: Add BiasedUrn to SciPy?

To: Matt Haberland <mhaberland@calpoly.edu>

Cc: Warren Weckesser <warren.weckesser@gmail.com>

Dear Matt The C++ code for these distributions without binding to the R project are available here:

<https://www.agner.org/random/stocc.zip>

You have my permission to use it in SciPy under the new BSD license.

Best regards,  
Agner Fog

On 22/07/2020 17.05, Matt Haberland wrote:  
Hi Agner, I'm a maintainer of the Python scientific computing library SciPy, and I'm working on improving the capabilities of our statistics subpackage scipy.stats. We'd like to add both Fisher's and Wallenius' noncentral hypergeometric distributions, but these look quite challenging to implement. We found your BiasedUrn package, and we'd love to wrap it, but we can't include GPL-3 licensed code under our BSD-new license. Would you consider re-licensing BiasedUrn under a more permissive license, such as BSD-new or MIT, so we can include it in SciPy?  
Thank you for considering it!  
Matt  
--

Matt Haberland  
Assistant Professor  
BioResource and Agricultural Engineering  
08A-3K, Cal Poly

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Name: UNU.RAN  
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Permission was granted on 23 March 2021 by Josef Leydold (josef.leydold@wu.ac.at) and Wolfgang Hoermann (hormannw@bound.edu.tr) to use the UNU.RAN code excluding the uniform random number generator in src/uniform/mrg31k3p.c (copyright by Renee Touzin) under the BSD licence. The following files have been removed from the original library:

- unuran-1.8.1/COPYING
- unuran-1.8.1/INSTALL
- unuran-1.8.1/Makefile.am
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- unuran-1.8.1/NEWS
- unuran-1.8.1/UPGRADE
- unuran-1.8.1/acinclude.m4
- unuran-1.8.1/aclocal.m4
- unuran-1.8.1/autoconf/config.guess
- unuran-1.8.1/autoconf/config.sub
- unuran-1.8.1/autoconf/depcomp
- unuran-1.8.1/autoconf/install-sh
- unuran-1.8.1/autoconf/ltmain.sh
- unuran-1.8.1/autoconf/mdate-sh
- unuran-1.8.1/autoconf/missing
- unuran-1.8.1/autogen.sh
- unuran-1.8.1/configure
- unuran-1.8.1/doc/Makefile.am
- unuran-1.8.1/doc/Makefile.in
- unuran-1.8.1/doc/figures/Makefile.am
- unuran-1.8.1/doc/figures/Makefile.in
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- unuran-1.8.1/doc/figures/discrete\_inversion.pdf
- unuran-1.8.1/doc/figures/discrete\_inversion.png
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unuran-1.8.1/tests/test_functionparser.m
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unuran-1.8.1/tests/testdistributions/Makefile.in
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unuran-1.8.1/src/methods/deprecated_vmt.h
unuran-1.8.1/src/methods/deprecated_vmt_struct.h
unuran-1.8.1/src/parser/stringparser_lists.ch.in
```

UNU.RAN relies on a modified version of the library Cephes, see ./src/src/specfunct/cephes\_source.h

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Files: .libs/libopenb\*.so

Description: bundled as a dynamically linked library

Availability: <https://github.com/xianyi/OpenBLAS/>

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Name: LAPACK

Files: .libs/libopenb\*.so

Description: bundled in OpenBLAS

Availability: <https://github.com/xianyi/OpenBLAS/>

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

<https://gist.github.com/imneme/f1f7821f07cf76504a97f6537c818083>

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Original algorithm for the implementation of rk\_interval function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the rk\_double implementation by Isaku Wada.

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unuran-1.8.1/tests/testcounter.c

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unuran-1.8.1/tests/testdistributions/Makefile.am
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unuran-1.8.1/tests/testdistributions/vc_special_correlations_constantrho.c
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unuran-1.8.1/tests/testdistributions/vc_wo_logpdf.c
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unuran-1.8.1/src/methods/deprecated_vmt.c
unuran-1.8.1/src/methods/deprecated_vmt.h
unuran-1.8.1/src/methods/deprecated_vmt_struct.h
unuran-1.8.1/src/parser/stringparser_lists.ch.in
UNU.RAN relies on a modified version of the library Cephes, see ./src/src/
specfunct/cephes_source.h

```

## scipy, version 1.10.1

### SciPy developers

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## shap 0.44.0

### Scott Lundberg

```

===== Package: shap =====

```

```

Name: shap
Source code URL: http://github.com/slundberg/shap
License: MIT License

```

```

===== Dependencies =====

```

```

cloudpickle (BSD 3-Clause "New" or "Revised" License) [https://github.com/
cloudpipe/cloudpickle]
importlib-metadata (Apache License 2.0) [https://github.com/python/
importlib_metadata]
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pandas]
python-dateutil (Apache License 2.0) [https://github.com/dateutil/dateutil]

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 tzdata (Apache License 2.0) [https://github.com/python/tzdata]  
 zipp (MIT License) [https://github.com/jaraco/zipp]  
 ARPACK, bundled dependency of scipy, (3-clause BSD) [scipy/sparse/linalg/eigen/arpack/ARPACK/\*]  
 Biasedurn, bundled dependency of scipy, (3-Clause BSD) [scipy/stats/biasedurn/\*]  
 Boost, bundled dependency of scipy, (Boost Software License - Version 1.0) [scipy/\_lib/boost/\*]  
 Cephes, bundled dependency of scipy, (3-clause BSD) [scipy/special/cephes/\*]  
 Decorator, bundled dependency of scipy, (2-clause BSD) [scipy/\_lib/decorator.py]  
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 L-BFGS-B, bundled dependency of scipy, (BSD license) [scipy/optimize/lbfgsb/\*]  
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 lapack-lite, bundled dependency of numpy, (BSD-3-Clause) [numpy/linalg/lapack\_lite/\*]  
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OpenBLAS, bundled dependency of numpy, (3-clause BSD) [.libs/libopenb\*.so]

=====  
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This binary distribution of SciPy also bundles the following software:

Name: OpenBLAS

Files: .libs/libopenb\*.so

Description: bundled as a dynamically linked library

Availability: <https://github.com/xianyi/OpenBLAS/>

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Name: LAPACK

Files: .libs/libopenb\*.so

Description: bundled in OpenBLAS

Availability: <https://github.com/xianyi/OpenBLAS/>

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#### References

- \* R. H. Byrd, P. Lu and J. Nocedal. A Limited Memory Algorithm for Bound Constrained Optimization, (1995), SIAM Journal on Scientific and Statistical Computing, 16, 5, pp. 1190-1208.
- \* C. Zhu, R. H. Byrd and J. Nocedal. L-BFGS-B: Algorithm 778: L-BFGS-B, FORTRAN routines for large scale bound constrained optimization (1997), ACM Transactions on Mathematical Software, 23, 4, pp. 550 - 560.
- \* J.L. Morales and J. Nocedal. L-BFGS-B: Remark on Algorithm 778: L-BFGS-B, FORTRAN routines for large scale bound constrained optimization (2011), ACM Transactions on Mathematical Software, 38, 1.

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Subject: Re: Add BiasedUrn to SciPy?  
To: Matt Haberland <mhaberland@calpoly.edu>  
Cc: Warren Weckesser <warren.weckesser@gmail.com>

Dear Matt The C++ code for these distributions without binding to the R project are available here:  
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You have my permission to use it in SciPy under the new BSD license.  
Best regards,  
Agner Fog

On 22/07/2020 17.05, Matt Haberland wrote:  
Hi Agner, I'm a maintainer of the Python scientific computing library SciPy, and I'm working on improving the capabilities of our statistics subpackage `scipy.stats`. We'd like to add both Fisher's and Wallenius' noncentral hypergeometric distributions, but these look quite challenging to implement. We found your BiasedUrn package, and we'd love to wrap it, but we can't include GPL-3 licensed code under our BSD-new license. Would you consider re-licensing BiasedUrn under a more permissive license, such as BSD-new or MIT, so we can include it in SciPy?  
Thank you for considering it!  
Matt

--  
Matt Haberland  
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UNU.RAN relies on a modified version of the library Cephес, see `./src/src/specfunct/cephes_source.h`

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----- tzdata (Apache License 2.0) [https://github.com/python/tzdata]

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README for the tz distribution

"What time is it?" -- Richard Deacon as The King

"Any time you want it to be." -- Frank Baxter as The Scientist

(from the Bell System film "About Time")

The Time Zone Database (often called tz or zoneinfo) contains code and data that represent the history of local time for many representative locations around the globe. It is updated periodically to reflect changes made by political bodies to time zone boundaries, UTC offsets, and daylight-saving rules.

Unless otherwise specified, all files in the tz code and data are in the public domain, so clarified as of 2009-05-17 by Arthur David Olson. The few exceptions are code derived from BSD, which uses the BSD license.

Here is a recipe for acquiring, building, installing, and testing the tz distribution on a GNU/Linux or similar host.

```
mkdir tz
cd tz
wget --retr-symlinks 'ftp://ftp.iana.org/tz/tz*-latest.tar.gz'
gzip -dc tzcode-latest.tar.gz | tar -xf -
gzip -dc tzdata-latest.tar.gz | tar -xf -
```

Be sure to read the comments in "Makefile" and make any changes needed to make things right for your system, especially if you are using some platform other than GNU/Linux. Then run the following commands, substituting your desired installation directory for "\$HOME/tzdir":

```
make TOPDIR=$HOME/tzdir install
$HOME/tzdir/etc/zdump -v America/Los_Angeles
```

Historical local time information has been included here to:

- \* provide a compendium of data about the history of civil time that is useful even if the data are not 100% accurate;
- \* give an idea of the variety of local time rules that have existed in the past and thus an idea of the variety that may be expected in the future;
- \* provide a test of the generality of the local time rule description system.

The information in the time zone data files is by no means authoritative; the files currently do not even attempt to cover all time stamps before 1970, and there are undoubtedly errors even for time stamps since 1970. If you know that the rules are different from those in a file, by all means feel free to change a file (and please send the changed version to tz@iana.org for use in the future). Europeans take note!

Thanks to these Timezone Caballeros who've made major contributions to the time conversion package: Keith Bostic; Bob Devine; Paul Eggert; Robert Elz; Guy Harris; Mark Horton; John Mackin; and Bradley White. Thanks also to Michael Bloom, Art Neilson, Stephen Prince, John Sovereign, and Frank Wales for testing work, and to Gwillim Law for checking local mean time data. Thanks in particular to Arthur David Olson, the project's founder and first maintainer, to whom the timezone community owes the greatest debt of all. None of them are responsible for remaining errors.

Look in <ftp://ftp.iana.org/tz/releases/> for updated versions of these files.

Please send comments or information to tz@iana.org.

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```
*****  
***** Copied from BA Public License *****
```

```
net.snowflake:snowflake-jdbc:jar
```

```
Notice:
```

```
/*
```

```
 * Copyright (c) 2012-2019 Snowflake Computing Inc. All rights reserved.
```

```
*/
```

```
License:
```

```
License Reference [0]
```

```
=====
```

```
commons-codec:commons-codec
```

```
Notice:
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Apache Commons Codec
```

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Copyright 2002-2022 The Apache Software Foundation
```

```
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```

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The Apache Software Foundation (https://www.apache.org/).
```

```
src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java
```

```
contains test data from http://aspell.net/test/orig/batch0.tab.
```

```
Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)
```

```
=====
```

```
io.netty:netty-common
```

```
io.netty:netty-buffer
```

```
Netty (io.netty:netty-*)
```

```
 Copyright 2012,2021 The Netty Project
```

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 Copyright 2014 Twitter, Inc.
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 Copyright (c) 2011, Joe Walnes and contributors
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com.nimbusds:nimbus-jose-jwt
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## spring-boot-autoconfigure 3.2.3

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#00 org.springframework.boot:spring-boot-actuator-autoconfigure:jar:
#00 org.springframework.boot:spring-boot-actuator:jar:
#00 org.springframework.boot:spring-boot-autoconfigure:jar:
#00 org.springframework.boot:spring-boot-starter:jar:
#00 org.springframework.boot:spring-boot-starter-logging:jar:
#01 ch.qos.logback:logback-classic:jar:
#02 ch.qos.logback:logback-core:jar:
#03 com.fasterxml.jackson.core:jackson-core:jar:
#04 com.fasterxml.jackson.core:jackson-annotations:jar:
#05 com.fasterxml.jackson.core:jackson-databind:jar:
#06 com.fasterxml.jackson.datatype:jackson-datatype-jsr310:jar:
#07 jakarta.annotation:jakarta.annotation-api:jar:
#08 org.apache.logging.log4j:log4j-api:jar:
#09 org.apache.logging.log4j:log4j-to-slf4j:jar:
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#10 org.slf4j:jul-to-slf4j:jar:
#11 org.slf4j:slf4j-api:jar:
#12 org.springframework:spring-aop:jar:
#13 org.springframework:spring-beans:jar:
#14 org.springframework:spring-context:jar:
#15 org.springframework:spring-core:jar:
#16 org.springframework:spring-expression:jar:
#17 org.springframework:spring-jcl:jar:
#18 org.yaml:snakeyaml:jar:
#19 io.micrometer:micrometer-core:jar:
#20 io.micrometer:micrometer-observation:jar:
#21 io.micrometer:micrometer-jakarta9:jar:
#22 io.micrometer:micrometer-commons:jar:
#23 org.hdrhistogram:HdrHistogram:jar:
#24 org.latencyutils:LatencyUtils:jar:
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Fourth Party #00 org.springframework.boot:spring-boot components
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Fourth Party #01, #02 ch.qos.logback:logback components
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which

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or

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file

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one

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the

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(2)

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src/main/java/DivBenchmark.java
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## spring-boot-starter-aop 3.2.3

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```
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org.springframework.boot:spring-boot-starter
org.springframework.boot:spring-boot-starter-batch
org.springframework.boot:spring-boot-autoconfigure
org.springframework.boot:spring-boot-starter-logging
```

```

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org.springframework:spring-jdbc
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org.springframework.batch:spring-batch-infrastructure
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## spring-boot-starter-data-jdbc 3.2.3

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system

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```
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That's all there is to it!

----- Separator -----

./src/license/dual\_lgpl\_ap2/license.txt

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{signature of Ty Coon}, 1 April 1990
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```
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# %%
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# %%
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# #L%
###
dual_lgpl_ap2=Dual License GNU LGPL 2.1 or Apache License 2.0
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Other developers who have contributed code are:

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## spring-boot-starter-data-rest 3.2.3

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com.fasterxml.jackson.datatype:jackson-datatype-jsr310
com.fasterxml.jackson.module:jackson-module-parameter-names
com.fasterxml.jackson.core:jackson-core
com.fasterxml.jackson.core:jackson-annotations
com.fasterxml.jackson.core:jackson-databind
org.springframework:spring-core
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org.springframework:spring-webmvc  
org.springframework:spring-aop  
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org.springframework:spring-web  
org.springframework:spring-beans  
org.springframework:spring-context  
org.springframework:spring-expression  
org.springframework:spring-tx  
org.yaml:snakeyaml  
io.micrometer:micrometer-observation  
io.micrometer:micrometer-commons  
spring-data-rest-webmvc  
org.springframework.data:spring-data-rest-core  
org.springframework.hateoas:spring-hateoas  
com.jayway.jsonpath:json-path  
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```
-----NOTICES for-----  
spring-data-rest-webmvc  
org.springframework.data:spring-data-rest-core  
-----
```

```
Spring Data REST 4.2.1 (2023.1.1)  
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org.springframework.hateoas:spring-hateoas  
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```
Spring HATEOAS 0.22  
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```
-----Dependencies-----
```

```
ch.qos.logback:logback-classic  
ch.qos.logback:logback-core  
-----
```

```
Logback LICENSE  
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```

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org.slf4j:jul-to-slf4j  
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jakarta.annotation:jakarta.annotation-api

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-----Dependencies-----

org.apache.tomcat.embed:tomcat-embed-core  
org.apache.tomcat.embed:tomcat-embed-el  
org.apache.tomcat.embed:tomcat-embed-websocket  
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- web-commonn\_6\_0.xsd
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- 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
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- web-common\_4\_0.xsd
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<https://github.com/eclipse-ee4j/common-annotations-api>  
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- snakeyaml

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- slf4j-api

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*
*/
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License Reference [7]
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```
com.zaxxer
- HikariCP
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```

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License Reference [8]
Fourth-Party Dependencies
```

```
ch.qos.logback
- logback-classic
- logback-core
```

```
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org.slf4j  
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=====  
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=====

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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

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FASTDoubleParser

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Dependency: ch.randelshofer:fastdoubleparser

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#00 org.springframework.boot:spring-boot:jar:
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#00 org.springframework.boot:spring-boot-autoconfigure:jar:
#00 org.springframework.boot:spring-boot-starter:jar:
#00 org.springframework.boot:spring-boot-starter-logging:jar:
#01 ch.qos.logback:logback-classic:jar:
#02 ch.qos.logback:logback-core:jar:
#03 jakarta.annotation:jakarta.annotation-api:jar:
#04 org.apache.logging.log4j:log4j-api:jar:
#05 org.apache.logging.log4j:log4j-to-slf4j:jar:
#06 org.slf4j:jul-to-slf4j:jar:
#07 org.slf4j:slf4j-api:jar:
#08 org.springframework:spring-aop:jar:
#09 org.springframework:spring-beans:jar:
#10 org.springframework:spring-context:jar:
#11 org.springframework:spring-context-support:jar:
#12 org.springframework:spring-core:jar:
#13 org.springframework:spring-expression:jar:
#14 org.springframework:spring-jcl:jar:
#15 org.yaml:snakeyaml:jar:
#16 jakarta.activation:jakarta.activation-api:jar:
#17 org.eclipse.angus:angus-activation:jar:
#18 org.eclipse.angus:jakarta.mail:jar:
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=====
Fourth Party #00 org.springframework.boot:spring-boot components
=====
=====
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=====
Fourth Party #01, #02 ch.qos.logback:logback components
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or

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file

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derivative  
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Pivotal, Inc.

Top Level componet - spring-boot-starter-quartz

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Fourth party dependencies
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org.springframework.boot:spring-boot-starter
org.springframework.boot:spring-boot
org.springframework.boot:spring-boot-autoconfigure
org.springframework.boot:spring-boot-starter-logging
org.springframework:spring-core
org.springframework:spring-context
org.springframework:spring-context-support
org.springframework:spring-beans:jar
org.springframework:spring-jcl
org.springframework:spring-aop
org.springframework:spring-expression
org.springframework:spring-tx
ch.qos.logback:logback-classic
ch.qos.logback:logback-core
org.slf4j:slf4j-api
org.apache.logging.log4j:log4j-to-slf4j
org.apache.logging.log4j:log4j-api
org.slf4j:jul-to-slf4j
jakarta.annotation:jakarta.annotation-api
org.yaml:snakeyaml
org.quartz-scheduler:quartz
=====

```

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Fourth-Party Dependencies

org.springframework:spring-core
org.springframework:spring-context
org.springframework:spring-context-support
org.springframework:spring-beans:jar
org.springframework:spring-aop
org.springframework:spring-expression
org.springframework:spring-tx
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org.springframework.boot:spring-boot
org.springframework.boot:spring-boot-autoconfigure
org.springframework.boot:spring-boot-starter-logging
  Spring Boot ${version}

```

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org.apache.logging.log4j:log4j-to-slf4j

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jakarta.annotation:jakarta.annotation-api

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ch.qos.logback:logback-classic

ch.qos.logback:logback-core

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## spring-boot-starter-test 3.2.3

Pivotal, Inc.

Top Level LT: Spring boot

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- \* [The specification repository] (<https://github.com/eclipse-ee4j/beanvalidation-spec>)
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Other developers who have contributed code are:

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org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc grammar  
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- 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
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* https://github.com/eclipse-ee4j/common-annotations-api
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org.springframework:spring-aop
org.springframework:spring-beans
org.springframework:spring-expression
```

```
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ch.qos.logback:logback-core
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org.apache.logging.log4j:log4j-api
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com.fasterxml.jackson:jackson-bom  
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com.fasterxml.jackson.dataformat:jackson-dataformat-toml  
com.fasterxml.jackson.module:jackson-module-parameter-names  
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ch.randelshofer:fastdoubleparser

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com.fasterxml.jackson.core:jackson-databind
== NAME OF DEPENDENCY 18
com.fasterxml.jackson.core:jackson-annotations
== NAME OF DEPENDENCY 19
com.fasterxml.jackson.datatype:jackson-datatype-jdk8
== NAME OF DEPENDENCY 20
com.fasterxml.jackson.datatype:jackson-datatype-jsr310
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com.fasterxml.jackson.module:jackson-module-parameter-names
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io.projectreactor.netty:reactor-netty-http
== NAME OF DEPENDENCY 23
io.projectreactor.netty:reactor-netty-core
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io.netty:netty-codec-http
== NAME OF DEPENDENCY 25
io.netty:netty-common
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io.netty:netty-buffer
== NAME OF DEPENDENCY 27
io.netty:netty-transport
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== NAME OF DEPENDENCY 29
io.netty:netty-handler
== NAME OF DEPENDENCY 30
io.netty:netty-codec-http2
== NAME OF DEPENDENCY 31
io.netty:netty-resolver-dns
== NAME OF DEPENDENCY 32
io.netty:netty-resolver
== NAME OF DEPENDENCY 33
io.netty:netty-codec-dns
== NAME OF DEPENDENCY 34
io.netty:netty-resolver-dns-native-macos:osx-x86_64
== NAME OF DEPENDENCY 35
io.netty:netty-resolver-dns-classes-macos
== NAME OF DEPENDENCY 36
io.netty:netty-transport-native-epoll:linux-x86_64
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io.micrometer:micrometer-observation
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io.micrometer:micrometer-commons
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org.slf4j:jul-to-slf4j  
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== NAME OF DEPENDENCY 51

ch.randelshofer:fastdoubleparser

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This project provides parsers for double, float, BigDecimal and BigInteger values.

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com.fasterxml.jackson.core jackson-core

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# Jackson JSON processor

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## FastDoubleParser

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## spring-boot-starter-websocket 3.2.3

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jackson-core bundles a shaded copy of FastDoubleParser <<https://github.com/wrandelshofer/FastDoubleParser>>. That code is available under an Apache license under the following copyright.

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This project provides parsers for double, float, BigDecimal and BigInteger values.

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#### Fourth-Party Dependencies

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com.fasterxml.jackson.datatype:jackson-datatype-jsr310
com.fasterxml.jackson.module:jackson-module-parameter-names
```

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## Fourth-Party Dependencies

```
org.apache.tomcat.embed    tomcat-embed-core
org.apache.tomcat.embed    tomcat-embed-websocket
org.apache.tomcat.embed    tomcat-embed-el
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org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc  
grammar  
for JSON written by Robert Fischer.  
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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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```

```
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```
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```

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- 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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org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc grammar  
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- 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
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- web-app\_4\_0.xsd
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org.springframework.security:spring-security-crypto  
org.springframework.security:spring-security-rsa

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org.springframework:spring-beans  
org.springframework:spring-webmvc  
org.springframework:spring-context  
org.springframework:spring-expression  
org.springframework:spring-aop  
org.springframework:spring-messaging  
org.springframework:spring-tx  
org.springframework.retry:spring-retry  
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org.springframework.integration:spring-integration-core

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com.fasterxml.jackson.core:jackson-databind  
com.fasterxml.jackson.core:jackson-core  
com.fasterxml.jackson.datatype:jackson-datatype-jsr310  
com.fasterxml.jackson.datatype:jackson-datatype-jdk8  
com.fasterxml.jackson.module:jackson-module-parameter-names

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jakarta.annotation:jakarta.annotation-api  
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org.slf4j:jul-to-slf4j

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io.micrometer:micrometer-observation  
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- jakarta\_web-services\_2\_0.xsd
- jakarta\_web-services\_client\_2\_0.xsd
- jsp\_3\_0.xsd
- jsp\_3\_1.xsd
- web-app\_5\_0.xsd
- web-app\_6\_0.xsd
- web-commonn\_5\_0.xsd
- web-commonn\_6\_0.xsd
- web-fragment\_5\_0.xsd
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org.springframework.boot:spring-boot-starter-aop
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com.fasterxml.jackson.core:jackson-databind
com.fasterxml.jackson.core:jackson-core
com.fasterxml.jackson.core:jackson-annotations
com.fasterxml.jackson.datatype:jackson-datatype-jsr310
com.fasterxml.jackson.datatype:jackson-datatype-jdk8

```

```

com.fasterxml.jackson.module:jackson-module-parameter-names
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io.fabric8:kubernetes-model-core (*)  
io.fabric8:kubernetes-model-common (*)  
io.fabric8:kubernetes-model-admissionregistration  
io.fabric8:kubernetes-model-apps  
io.fabric8:kubernetes-model-autoscaling  
io.fabric8:kubernetes-model-apiextensions  
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## Source Code

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* https://github.com/jakartaee/jaf-api
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org.springframework:spring-context  
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## spring-core 6.1.3

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## Tensorflow, version 2.13.0

### The TensorFlow Authors

```
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license_type: Apache Software License
notices_and_license_text:
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tensorflow 2.13.0 has dependencies on following libraries:

```
"tensorflow" needs "absl-py"
  "absl-py" doesn't have any dependencies
"tensorflow" needs "astunparse"
  "astunparse" needs "six"
    "six" doesn't have any dependencies
  "astunparse" needs "wheel"
    "wheel" doesn't have any dependencies
"tensorflow" needs "flatbuffers"
  "flatbuffers" doesn't have any dependencies
"tensorflow" needs "gast"
  "gast" doesn't have any dependencies
"tensorflow" needs "google-pasta"
  "google-pasta" needs "six"
    "six" doesn't have any dependencies
"tensorflow" needs "grpcio"
  "grpcio" doesn't have any dependencies
"tensorflow" needs "h5py"
  "h5py" needs "numpy"
    "numpy" doesn't have any dependencies
"tensorflow" needs "keras"
  "keras" doesn't have any dependencies
"tensorflow" needs "libclang"
  "libclang" doesn't have any dependencies
"tensorflow" needs "numpy"
  "numpy" doesn't have any dependencies
"tensorflow" needs "opt-einsum"
  "opt-einsum" needs "numpy"
    "numpy" doesn't have any dependencies
"tensorflow" needs "packaging"
  "packaging" doesn't have any dependencies
"tensorflow" needs "protobuf"
  "protobuf" doesn't have any dependencies
"tensorflow" needs "setuptools"
  "setuptools" doesn't have any dependencies
"tensorflow" needs "six"
```

```

"six" doesn't have any dependencies
"tensorflow" needs "tensorboard"
"tensorboard" needs "absl-py"
"absl-py" doesn't have any dependencies
"tensorboard" needs "google-auth"
"google-auth" needs "cachetools"
"cachetools" doesn't have any dependencies
"google-auth" needs "pyasn1-modules"
"pyasn1-modules" needs "pyasn1"
"pyasn1" doesn't have any dependencies
"google-auth" needs "rsa"
"rsa" needs "pyasn1"
"pyasn1" doesn't have any dependencies
"tensorboard" needs "google-auth-oauthlib"
"google-auth-oauthlib" needs "google-auth"
"google-auth" needs "cachetools"
"cachetools" doesn't have any dependencies
"google-auth" needs "pyasn1-modules"
"pyasn1-modules" needs "pyasn1"
"pyasn1" doesn't have any dependencies
"google-auth" needs "rsa"
"rsa" needs "pyasn1"
"pyasn1" doesn't have any dependencies
"google-auth-oauthlib" needs "requests-oauthlib"
"requests-oauthlib" needs "oauthlib"
"oauthlib" doesn't have any dependencies
"requests-oauthlib" needs "requests"
"requests" needs "certifi"
"certifi" doesn't have any dependencies
"requests" needs "charset-normalizer"
"charset-normalizer" doesn't have any dependencies
"requests" needs "idna"
"idna" doesn't have any dependencies
"requests" needs "urllib3"
"urllib3" doesn't have any dependencies
"tensorboard" needs "grpcio"
"grpcio" doesn't have any dependencies
"tensorboard" needs "Markdown"
"Markdown" needs "importlib-metadata"
"importlib-metadata" needs "zipp"
"zipp" doesn't have any dependencies
"tensorboard" needs "numpy"
"numpy" doesn't have any dependencies
"tensorboard" needs "protobuf"
"protobuf" doesn't have any dependencies
"tensorboard" needs "requests"
"requests" needs "certifi"
"certifi" doesn't have any dependencies
"requests" needs "charset-normalizer"
"charset-normalizer" doesn't have any dependencies
"requests" needs "idna"
"idna" doesn't have any dependencies
"requests" needs "urllib3"
"urllib3" doesn't have any dependencies
"tensorboard" needs "setuptools"
"setuptools" doesn't have any dependencies
"tensorboard" needs "tensorboard-data-server"
"tensorboard-data-server" doesn't have any dependencies

```

```
"tensorboard" needs "werkzeug"
  "werkzeug" needs "MarkupSafe"
    "MarkupSafe" doesn't have any dependencies
  "tensorboard" needs "wheel"
    "wheel" doesn't have any dependencies
"tensorflow" needs "tensorflow-estimator"
  "tensorflow-estimator" doesn't have any dependencies
"tensorflow" needs "termcolor"
  "termcolor" doesn't have any dependencies
"tensorflow" needs "typing-extensions"
  "typing-extensions" doesn't have any dependencies
"tensorflow" needs "wrapt"
  "wrapt" doesn't have any dependencies
    "tensorflow" needs "tensorflow-io-gcs-filesystem"
"tensorflow-io-gcs-filesystem" doesn't have any dependencies
```

---

```
package_name: absl-py
license_type: Apache Software License
notices_and_license_text:
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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

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---

package\_name: cachetools  
license\_type: MIT License  
notices\_and\_license\_text:  
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---

package\_name: pyasn1-modules  
license\_type: BSD License  
notices\_and\_license\_text:  
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---

package\_name: pyasn1

```
license_type: BSD License
notices_and_license_text:
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---

```
package_name: rsa
license_type: Apache Software License
notices_and_license_text:
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```

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---

```
package_name: google-auth-oauthlib
license_type: Apache Software License
notices_and_license_text:
# -*- coding: utf-8 -*-
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---

```
package_name: requests-oauthlib
license_type: BSD License
notices_and_license_text:
ISC License
```

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package\_name: requests  
license\_type: Apache Software License  
notices\_and\_license\_text:  
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---

```
package_name: certifi
license_type: Mozilla Public License 2.0 (MPL 2.0)
notices_and_license_text:
This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

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:
https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/
certdata.txt
It contains the certificates in PEM format and therefore
```

---

can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication. 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 \$

---

package\_name: charset-normalizer  
license\_type: MIT License  
notices\_and\_license\_text:  
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <https://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

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

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

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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"protobuf" doesn't have any dependencies

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<https://gist.github.com/imneme/f1f7821f07cf76504a97f6537c818083>

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the `rk_double` implementation by Isaku Wada.

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---

tensorflow 2.12.0 has dependencies on following libraries:

```
tensorflow needs "absl-py"
  "absl-py" doesn't have any dependencies
tensorflow needs "astunparse"
  "astunparse" needs "six"
    "six" doesn't have any dependencies
  "astunparse" needs "wheel"
    "wheel" doesn't have any dependencies
tensorflow needs "flatbuffers"
  "flatbuffers" doesn't have any dependencies
tensorflow needs "gast"
```

```

"ast" doesn't have any dependencies
tensorflow needs "google-pasta"
"google-pasta" needs "six"
"six" doesn't have any dependencies
tensorflow needs "grpcio"
"grpcio" doesn't have any dependencies
tensorflow needs "h5py"
"h5py" needs "numpy"
"numpy" dependencies are listed at the bottom
tensorflow needs "jax"
"jax" needs "importlib-metadata"
"importlib-metadata" needs "zipp"
"zipp" doesn't have any dependencies
"jax" needs "ml-dtypes"
"ml-dtypes" needs "numpy"
"numpy" dependencies are listed at the bottom
"jax" needs "numpy"
"numpy" dependencies are listed at the bottom
"jax" needs "opt-einsum"
"opt-einsum" needs "numpy"
"numpy" dependencies are listed at the bottom
"jax" needs "scipy"
"scipy" needs "numpy"
"numpy" dependencies are listed at the bottom
tensorflow needs "keras"
"keras" doesn't have any dependencies
tensorflow needs "libclang"
"libclang" doesn't have any dependencies
tensorflow needs "numpy"
"numpy" dependencies are listed at the bottom
tensorflow needs "opt-einsum"
"opt-einsum" needs "numpy"
"numpy" dependencies are listed at the bottom
tensorflow needs "packaging"
"packaging" doesn't have any dependencies
tensorflow needs "protobuf"
"protobuf" doesn't have any dependencies
tensorflow needs "setuptools"
"setuptools" doesn't have any dependencies
tensorflow needs "six"
"six" doesn't have any dependencies
tensorflow needs "tensorboard"
"tensorboard" needs "absl-py"
"absl-py" doesn't have any dependencies
"tensorboard" needs "google-auth"
"google-auth" needs "cachetools"
"cachetools" doesn't have any dependencies
"google-auth" needs "pyasn1-modules"
"pyasn1-modules" needs "pyasn1"
"pyasn1" doesn't have any dependencies
"google-auth" needs "rsa"
"rsa" needs "pyasn1"
"pyasn1" doesn't have any dependencies
"google-auth" needs "six"
"six" doesn't have any dependencies
"google-auth" needs "urllib3"
"urllib3" doesn't have any dependencies
"tensorboard" needs "google-auth-oauthlib"

```

```

"google-auth-oauthlib" needs "google-auth"
  "google-auth" needs "cachetools"
    "cachetools" doesn't have any dependencies
  "google-auth" needs "pyasn1-modules"
    "pyasn1-modules" needs "pyasn1"
      "pyasn1" doesn't have any dependencies
  "google-auth" needs "rsa"
    "rsa" needs "pyasn1"
      "pyasn1" doesn't have any dependencies
  "google-auth" needs "six"
    "six" doesn't have any dependencies
  "google-auth" needs "urllib3"
    "urllib3" doesn't have any dependencies
"google-auth-oauthlib" needs "requests-oauthlib"
  "requests-oauthlib" needs "oauthlib"
    "oauthlib" doesn't have any dependencies
  "requests-oauthlib" needs "requests"
    "requests" needs "certifi"
      "certifi" doesn't have any dependencies
    "requests" needs "charset-normalizer"
      "charset-normalizer" doesn't have any dependencies
    "requests" needs "idna"
      "idna" doesn't have any dependencies
    "requests" needs "urllib3"
      "urllib3" doesn't have any dependencies
"tensorboard" needs "grpcio"
  "grpcio" doesn't have any dependencies
"tensorboard" needs "Markdown"
  "Markdown" needs "importlib-metadata"
    "importlib-metadata" needs "zipp"
      "zipp" doesn't have any dependencies
"tensorboard" needs "numpy"
  "numpy" dependencies are listed at the bottom
"tensorboard" needs "protobuf"
  "protobuf" doesn't have any dependencies
"tensorboard" needs "requests"
  "requests" needs "certifi"
    "certifi" doesn't have any dependencies
  "requests" needs "charset-normalizer"
    "charset-normalizer" doesn't have any dependencies
  "requests" needs "idna"
    "idna" doesn't have any dependencies
  "requests" needs "urllib3"
    "urllib3" doesn't have any dependencies
"tensorboard" needs "setuptools"
  "setuptools" doesn't have any dependencies
"tensorboard" needs "tensorboard-data-server"
  "tensorboard-data-server" doesn't have any dependencies
"tensorboard" needs "Werkzeug"
  "Werkzeug" needs "MarkupSafe"
    "MarkupSafe" doesn't have any dependencies
"tensorboard" needs "wheel"
  "wheel" doesn't have any dependencies
tensorflow needs "tensorflow-estimator"
  "tensorflow-estimator" doesn't have any dependencies
tensorflow needs "tensorflow-io-gcs-filesystem"
  "tensorflow-io-gcs-filesystem" doesn't have any dependencies
tensorflow needs "termcolor"

```

```
"termcolor" doesn't have any dependencies
tensorflow needs "typing-extensions"
"typing-extensions" doesn't have any dependencies
tensorflow needs "wrapt"
"wrapt" doesn't have any dependencies
```

---

---

```
package_name: absl-py
license_type: Apache Software License
license_text:
```

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```
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license_type: BSD License
license_text:
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---

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license\_text:  
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license\_text:  
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license\_type: Apache Software License  
license\_text:

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

<https://gist.github.com/imneme/flf7821f07cf76504a97f6537c818083>

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PCG Random Number Generation for C.

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the `rk_double` implementation by Isaku Wada.

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Name: Faddeeva

Files: scipy/special/Faddeeva.\*

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Name: amngo  
Files: benchmarks/benchmarks/go\_benchmark\_functions/\*.py  
License: MIT

Functions for testing global optimizers, forked from the AMPGO project,  
<https://code.google.com/archive/p/ampgo>

Name: pybind11

Files: no source files are included, however pybind11 binary artifacts are included with every binary build of SciPy.

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Name: L-BFGS-B

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The version included here (in lbfgsb.f) is 3.0 (released April 25, 2011). It was written by Ciyou Zhu, Richard Byrd, and Jorge Nocedal <nocedal@ece.nwu.edu>. It carries the following condition for use:

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References

- \* R. H. Byrd, P. Lu and J. Nocedal. A Limited Memory Algorithm for Bound Constrained Optimization, (1995), SIAM Journal on Scientific and Statistical Computing, 16, 5, pp. 1190-1208.
- \* C. Zhu, R. H. Byrd and J. Nocedal. L-BFGS-B: Algorithm 778: L-BFGS-B, FORTRAN routines for large scale bound constrained optimization (1997), ACM Transactions on Mathematical Software, 23, 4, pp. 550 - 560.
- \* J.L. Morales and J. Nocedal. L-BFGS-B: Remark on Algorithm 778: L-BFGS-B, FORTRAN routines for large scale bound constrained optimization (2011), ACM Transactions on Mathematical Software, 38, 1.

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Name: Biasedurn

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Date: Wed, Jul 22, 2020 at 8:54 PM  
Subject: Re: Add BiasedUrn to SciPy?  
To: Matt Haberland <mhaberland@calpoly.edu>  
Cc: Warren Weckesser <warren.weckesser@gmail.com>

Dear Matt The C++ code for these distributions without binding to the R project are available here:  
<https://www.agner.org/random/stocc.zip>  
You have my permission to use it in SciPy under the new BSD license.  
Best regards,  
Agner Fog

On 22/07/2020 17.05, Matt Haberland wrote:  
Hi Agner, I'm a maintainer of the Python scientific computing library SciPy, and I'm working on improving the capabilities of our statistics subpackage `scipy.stats`. We'd like to add both Fisher's and Wallenius' noncentral hypergeometric distributions, but these look quite challenging to implement. We found your BiasedUrn package, and we'd love to wrap it, but we can't include GPL-3 licensed code under our BSD-new license. Would you consider re-licensing BiasedUrn under a more permissive license, such as BSD-new or MIT, so we can include it in SciPy?  
Thank you for considering it!  
Matt  
--

Matt Haberland  
Assistant Professor  
BioResource and Agricultural Engineering  
08A-3K, Cal Poly

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-----  
Name: UNU.RAN

Permission was granted on 23 March 2021 by Josef Leydold (josef.leydold@wu.ac.at) and Wolfgang Hoermann (hormannw@bound.edu.tr) to use the UNU.RAN code excluding the uniform random number generator in `src/uniform/mrg31k3p.c` (copyright by Renee Touzin) under the BSD licence. The following files have been removed from the original library:

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unuran-1.8.1/acinclude.m4
unuran-1.8.1/aclocal.m4
unuran-1.8.1/autoconf/config.guess
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unuran-1.8.1/autoconf/depcomp
unuran-1.8.1/autoconf/install-sh
unuran-1.8.1/autoconf/ltmain.sh
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unuran-1.8.1/autoconf/missing
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unuran-1.8.1/doc/src/misc.dh  
unuran-1.8.1/doc/src/ref\_example0.texi  
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unuran-1.8.1/doc/src/ref\_example2.texi  
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unuran-1.8.1/doc/src/ref\_example\_cont\_str.texi  
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unuran-1.8.1/doc/src/references.dh  
unuran-1.8.1/doc/src/stddist.dh  
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unuran-1.8.1/doc/src/top.dh  
unuran-1.8.1/doc/src/unuran\_src.texi  
unuran-1.8.1/doc/stamp-1  
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unuran-1.8.1/doc/version\_win32.texi  
unuran-1.8.1/examples/Makefile.am  
unuran-1.8.1/examples/Makefile.in  
unuran-1.8.1/examples/example0.c  
unuran-1.8.1/examples/example0\_str.c  
unuran-1.8.1/examples/example1.c  
unuran-1.8.1/examples/example1\_str.c  
unuran-1.8.1/examples/example2.c  
unuran-1.8.1/examples/example2\_str.c  
unuran-1.8.1/examples/example3.c  
unuran-1.8.1/examples/example3\_str.c  
unuran-1.8.1/examples/example\_FuncStr.c  
unuran-1.8.1/examples/example\_anti.c  
unuran-1.8.1/examples/example\_anti\_str.c  
unuran-1.8.1/examples/example\_cext.c  
unuran-1.8.1/examples/example\_cont.c  
unuran-1.8.1/examples/example\_cont\_str.c  
unuran-1.8.1/examples/example\_cpp.cpp  
unuran-1.8.1/examples/example\_dext.c  
unuran-1.8.1/examples/example\_discr.c  
unuran-1.8.1/examples/example\_discr\_str.c  
unuran-1.8.1/examples/example\_emp.c  
unuran-1.8.1/examples/example\_emp\_str.c  
unuran-1.8.1/examples/example\_errorhandler.c  
unuran-1.8.1/examples/example\_gsl.c  
unuran-1.8.1/examples/example\_mcorr.c  
unuran-1.8.1/examples/example\_mixt.c  
unuran-1.8.1/examples/example\_mixt\_inv.c  
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unuran-1.8.1/scripts/read\_PDF.pl  
unuran-1.8.1/scripts/remove\_comments.pl  
unuran-1.8.1/scripts/run\_valgrind.sh  
unuran-1.8.1/scripts/win32/Makefile.win32  
unuran-1.8.1/scripts/win32/build.sh  
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unuran-1.8.1/src/README  
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unuran-1.8.1/src/distributions/Makefile.am  
unuran-1.8.1/src/distributions/Makefile.in  
unuran-1.8.1/src/distributions/README  
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unuran-1.8.1/src/parser/stringparser\_doc.dh  
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unuran-1.8.1/tests/t\_distr\_cemp.conf  
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unuran-1.8.1/tests/t\_itdr.conf  
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unuran-1.8.1/tests/t\_mvstd.conf  
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unuran-1.8.1/tests/t\_ninv.c  
unuran-1.8.1/tests/t\_ninv.conf  
unuran-1.8.1/tests/t\_norta.c  
unuran-1.8.1/tests/t\_norta.conf  
unuran-1.8.1/tests/t\_nrou.c  
unuran-1.8.1/tests/t\_nrou.conf  
unuran-1.8.1/tests/t\_pinv  
unuran-1.8.1/tests/t\_pinv.c  
unuran-1.8.1/tests/t\_srou.c  
unuran-1.8.1/tests/t\_srou.conf  
unuran-1.8.1/tests/t\_ssr.c  
unuran-1.8.1/tests/t\_ssr.conf  
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unuran-1.8.1/tests/t\_stringparser.conf  
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unuran-1.8.1/tests/t\_tdr.conf  
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unuran-1.8.1/tests/t\_utdr.c  
unuran-1.8.1/tests/t\_utdr.conf  
unuran-1.8.1/tests/t\_util\_matrix.c

```

unuran-1.8.1/tests/t_util_matrix.conf
unuran-1.8.1/tests/t_vempk.c
unuran-1.8.1/tests/t_vempk.conf
unuran-1.8.1/tests/t_vnrou.c
unuran-1.8.1/tests/t_vnrou.conf
unuran-1.8.1/tests/t_x_gen.c
unuran-1.8.1/tests/t_x_gen.conf
unuran-1.8.1/tests/test_StdDistr.c
unuran-1.8.1/tests/test_StdDistr.m
unuran-1.8.1/tests/test_functionparser.c
unuran-1.8.1/tests/test_functionparser.m
unuran-1.8.1/tests/testcounter.c
unuran-1.8.1/tests/testdistributions/Makefile.am
unuran-1.8.1/tests/testdistributions/Makefile.in
unuran-1.8.1/tests/testdistributions/c_sawtooth_contpdf.c
unuran-1.8.1/tests/testdistributions/c_sawtooth_discpdf.c
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unuran-1.8.1/tests/testdistributions/c_wo_logpdf.c
unuran-1.8.1/tests/testdistributions/testdistributions.h
unuran-1.8.1/tests/testdistributions/vc_cauchy_RoU_ball.c
unuran-1.8.1/tests/testdistributions/vc_special_correlations_ar1.c
unuran-1.8.1/tests/testdistributions/vc_special_correlations_constantrho.c
unuran-1.8.1/tests/testdistributions/vc_w_marginals.c
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unuran-1.8.1/tests/testroutines.c
unuran-1.8.1/tests/testunuran.h
unuran-1.8.1/src/distr/deprecated_distr.c
unuran-1.8.1/src/distr/deprecated_distr.h
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unuran-1.8.1/src/methods/deprecated_methods.h
unuran-1.8.1/src/methods/deprecated_tdrwg.h
unuran-1.8.1/src/methods/deprecated_vmt.c
unuran-1.8.1/src/methods/deprecated_vmt.h
unuran-1.8.1/src/methods/deprecated_vmt_struct.h
unuran-1.8.1/src/parser/stringparser_lists.ch.in

```

UNU.RAN relies on a modified version of the library Cephес, see ./src/src/specfunct/cephes\_source.h

Details from /src/src/specfunct/cephes\_source.h

=====

This file was considerably changed for UNU.RAN.  
As a consequence it has been renamed from "mconf.h" to  
"cephes\_source.h" to avoid confusion.

We were only interested in the files:

```

gamma.c
igamma.c
incbet.c
ndtr.c
ndtri.c

```

to use these files we needed the auxiliary files:

```

isnan.c
mtherr.c
polevl.c

```

The aim was to enhance portability for ANSI C without expert knowledge of the floating point unit.

The main changes are  
 numeric constants (in cephes - const.c) are replaced  
 by macros defined in this file (source\_mconf.h).  
 We changed these constants using the constants provided by  
 ANSI C in the math.h file.  
 We changed also the definitions of MAXGAM (in incbet.c) and of  
 MAXSTIR (in gamma.c).  
 Everything concerning NANS and INFINITY was moved into isnan.c.  
 (Also the defines to turn it off or on.)  
 We have only tested this version with NAN and INFINITY turned  
 off, but we have not changed anything concerning that  
 question. So turning this support on should (could) work.  
 March 26th, 2001, Josef Leydold and Wolfgang Hoermann.

/\*-----\*/

```

/*          mconf.h
*
* Common include file for math routines
*
*
* SYNOPSIS:
*
* #include "mconf.h"
*
*
* DESCRIPTION:
*
* This file contains definitions for error codes that are
* passed to the common error handling routine mtherr()
* (which see).
*
* The file also includes a conditional assembly definition
* for the type of computer arithmetic (IEEE, DEC, Motorola
* IEEE, or UNKnown).
*
* For Digital Equipment PDP-11 and VAX computers, certain
* IBM systems, and others that use numbers with a 56-bit
* significand, the symbol DEC should be defined. In this
* mode, most floating point constants are given as arrays
* of octal integers to eliminate decimal to binary conversion
* errors that might be introduced by the compiler.
*
* For little-endian computers, such as IBM PC, that follow the
* IEEE Standard for Binary Floating Point Arithmetic (ANSI/IEEE
* Std 754-1985), the symbol IBMPC should be defined. These
* numbers have 53-bit significands. In this mode, constants
* are provided as arrays of hexadecimal 16 bit integers.
*
* Big-endian IEEE format is denoted MIEEE. On some RISC
* systems such as Sun SPARC, double precision constants
* must be stored on 8-byte address boundaries. Since integer
* arrays may be aligned differently, the MIEEE configuration
* may fail on such machines.
*
* To accommodate other types of computer arithmetic, all

```

```
* constants are also provided in a normal decimal radix
* which one can hope are correctly converted to a suitable
* format by the available C language compiler. To invoke
* this mode, define the symbol UNK.
*
* An important difference among these modes is a predefined
* set of machine arithmetic constants for each. The numbers
* MACHEP (the machine roundoff error), MAXNUM (largest number
* represented), and several other parameters are preset by
* the configuration symbol. Check the file const.c to
* ensure that these values are correct for your computer.
*
* Configurations NANS, INFINITIES, MINUSZERO, and DENORMAL
* may fail on many systems. Verify that they are supposed
* to work on your computer.
*/
```

Cephes Math Library Release 2.3: June, 1995  
Copyright 1984, 1987, 1989, 1995 by Stephen L. Moshier

```
-----
-----
package_name: keras
license_type: Apache Software License
license_text:
```

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Version 2.0, January 2004  
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license_text:
This package contains a modified version of ca-bundle.crt:
```

```
ca-bundle.crt -- Bundle of CA Root Certificates
```

```
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:
https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/
certdata.txt
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#
```

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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
```

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license\_text:  
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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

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

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

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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SecureTransport. These are essentially the C-level functions and constants, and
they're pretty gross to work with.

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org.apache.ant:ant

Apache Ant

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net.sf.saxon:Saxon-HE

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org.apache.maven:maven-core

org.apache.maven:maven-model

org.apache.maven.plugin-tools:maven-plugin-annotations

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