

Licensing Guide  
Oracle Banking Credit Facilities Process Management  
Release 14.4.0.0.0  
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Licensing Guide  
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# 1. Preface

## 1.1 Introduction

This document helps you understand the guiding rules for Oracle Banking Credit Facilities Process Management licensing, the components included in the license and the units that are separately licensed.

This document also provides information on the third party software packaged along with Oracle Banking Credit Facilities Process Management.

## 1.2 Audience

This document is intended for the following audience:

- Customers
- Partners

## 1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/us/corporate/accessibility/index.html>.

## 1.4 Organization

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	<i>Preface</i> gives information on the intended audience. It also lists the various chapters covered in this license guide.
Chapter 2	<i>Oracle Banking Credit Facilities Process Management Licensing</i> provides information on <i>Oracle Banking Credit Facilities Process Management</i> licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for <i>Oracle Banking Credit Facilities Process Management</i> .
Chapter 4	<i>Third Party Licenses</i> provides information on licensing of third party software packaged along with <i>Oracle Banking Credit Facilities Process Management</i> .

## 1.5 **Related Documents**

For more information, refer to the following documents:

- End user license agreement
- Oracle Banking Credit Facilities Process Management User Manuals

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## 2. Oracle Banking Credit Facilities Process Management Licensing

### 2.1 Introduction

This chapter provides information on Oracle Banking Credit Facilities Process Management licensing. It contains the following sections:

- General licensing rules
- Components included in the license
- Separately licensed pre-requisite products and licensing metric
- Restricted use license

### 2.2 General Licensing Rules

Not applicable to Oracle Banking Credit Facilities Process Management.

### 2.3 Components Included in License

Not applicable to Oracle Banking Credit Facilities Process Management.

### 2.4 Separately Licensed Pre-requisite Products and Licensing Metric

The module wise list of separately licensed products and the licensing metric is given below.

*For other separately licensable software pre-requisites, refer to the section Software Pre-requisites.*

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle Banking Limits Process Management	Not Applicable	\$M in Limits Under Management
Oracle Banking Collateral Process Management	Not Applicable	\$M in Collaterals

### 2.5 Restricted Use License

Not applicable to Oracle Banking Credit Facilities Process Management.





### 3. Software Prerequisites

Following are the separately licensable software prerequisites for Oracle Banking Credit Facilities Process Management Product.

Component	Machine	Operating System	Software	Version Number
Oracle Banking Credit Facilities Process Management	Application Server	Oracle Linux Server release 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.4.0
			Java HotSpot (TM) JDK (with WebLogic Application Server)	JDK 8 Update 241
			Oracle Fusion Middleware Infrastructure	12.2.1.4.0
	Database Server	Oracle Linux Server release 7.3(x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.6.0.0.0
	Reporting Server	Oracle Enterprise Linux 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.4.0
			Analytics Server	5.5.0
			Repository Creation Utility	12.2.1.4.0
			Oracle Database (for RCU)	19.6.0.0.0
			JDK	JDK 8 Update 241
	Document Management System	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.4.0
			Oracle WebCenter Content Imaging	12.2.1.4.0
			Repository Creation Utility	12.2.1.4.0
			Oracle Database (for RCU)	19.6.0.0.0
			JDK	JDK 8 Update 241
	Client Machines#		Internet Explorer	Microsoft Internet Explorer Release (11.*)
			Mozilla Firefox	Mozilla Firefox Release (66+)

			Google Chrome	Google Chrome Release (73+)
			Microsoft Edge	44+

Note: # Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter which Operating Systems they are installed on. Current release is certified on client machines with Windows 10 and Mac OS X..

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## 4. Third Party Licenses

### 4.1 Introduction

This chapter provides information on licensing of third party software that are packaged with Oracle Banking Credit Facilities Process Management. It contains the following sections:

- Apache 2.0
  - Apache POI 4.1.1
  - Avro 1.9.1
  - Commons FileUpload 1.4
  - Kafka 2.3.1
  - ZooKeeper 3.5.6
  - cglib 3.3.0
  - Velocity Engine 2.1
  - flyway-core 6.1.3
  - jackson-dataformat-xml 2.10.1
  - jackson-dataformats-binary 2.10.1
  - jackson-jaxrs-json-provider 2.10.1
  - conductor 2.24.2
  - Spring Cloud Config 2.2.0
  - Spring Cloud Sleuth 2.2.0
  - spring-boot-starter-batch 2.2.1
  - spring-boot-starter-data-jpa 2.2.1
  - spring-boot-starter-hateoas 2.2.1
  - spring-boot-starter-jersey 2.2.1
  - spring-boot-starter-security 2.2.1
  - spring-cloud-config-server 2.2.0
  - spring-cloud-netflix-core 2.2.0
  - spring-cloud-netflix-eureka-server 2.2.0

- spring-cloud-starter-netflix-eureka-client 2.2.0
- spring-cloud-starter-netflix-zuul 2.2.0
- spring-cloud-starter-stream-kafka 3.0.0
- spring-cloud-stream-schema 2.2.1
- spring-security-ldap 5.2.1
- Swagger 1.6.0
- Netty 4.1.43
- math.js 5.9.0
- jjwt 0.10.7
- EPL 2.0
  - EclipseLink 2.7.5
  - EclipseLink JPA 2.7.5
- MIT
  - Lodash 4.17.11
  - Node-TimSort 0.3.0
  - Knockout.js 3.5.0
  - moment.js 2.24.0
- The Universal Permissive License (UPL), Version 1.0
  - JavaScript Extension Toolkit (JET) 7.2.0
- Others
  - jQuery 3.4.1
  - JSON-Java 20190722-6b6e8e8
  - Simple Logging Facade for Java (SLF4J) 1.7.29
  - JSZip 3.2.1

## 4.1.1 **Apache 2.0**

### 4.1.1.1 **Apache POI 4.1.1**

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/\*

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Fourth Party Dependency # 4: connect-api  
Fourth Party Dependency # 5: connect-basic-auth-extension  
Fourth Party Dependency # 6: connect-file  
Fourth Party Dependency # 7: connect-json  
Fourth Party Dependency # 8: connect-runtime  
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```
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```

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Here are people who have contributed to the development of Jackson JSON processor JDK8 datatype component, version 2.x  
(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta (tatu.saloranta@iki.fi): author

Henning Schiedehausen (hgschmie@github)

\* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility with Guava module (2.6.0)

Jerome Loisel (jloisel@github)

\* Reported #14: Missing `@type` when serializing Optional  
(2.6.2)

Peter Royal (osi@github)

- \* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation  
(2.6.4)
- \* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor  
(2.6.4)
- \* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not propagate prefix to schema  
(2.6.4)

Nick Cronin (Quintok@github)

\* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`  
(2.6.4)

James Lorenzen (jlorenzen@github)

\* Requested #18: Allow use of `@JsonInclude(content=Include.NON\_EMPTY)` with `Optional<>`  
(2.7.0)

---

Fourth Party Dependency # 16: jackson-jaxrs-base  
Fourth Party Dependency # 17: jackson-jaxrs-json-provider  
Fourth Party Dependency # 18: jackson-module-jaxb-annotations  
Fourth Party Dependency # 19: jackson-module-paranamer  
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```

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Fourth Party Dependency # 21: jakarta.activation-api

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- \* org.eclipse.jetty.orbit:javax.security.auth.message

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## Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

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Fourth Party Dependency # 48: kafka-streams-scala\_2.12  
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Fourth Party Dependency # 54: kafka\_2.12-2.3.1-test-sources  
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Eclipse

The following artifacts are EPL.

- \* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

- \* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- \* org.eclipse.jetty.orbit:javafx.mail.glassfish

-----

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

-----

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

-----

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

-----

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

-----

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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Fourth Party Dependency # 14 License: Apache 2.0  
Fourth Party Dependency # 14 Copyright:

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Chris Nokleberg  
Dave Hughes

---

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```

```
Args = --initialize-at-run-
time=io.netty.buffer.PooledByteBufAllocator,io.netty.buffer.ByteBufAllocator,io.netty.buffer.ByteBufUtil,io.n
etty.buffer.AbstractReferenceCountedByteBuf
```

---

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Here are people who have contributed to development of this project  
(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta, tatu.saloranta@iki.fi: author

Clinton Gormley (clintongormley@github)

\* Suggested [#5]: Support binary (byte[]) Object keys (assuming UTF-8 encoding)  
(2.4.3)

\* Suggested [#6]: Support 'self-describe' CBOR tag  
(2.4.3)

mbaril@github)

\* Reported #9, suggested fix, contributed unit test: Infinite loop when trying  
to write binary data using CBORGenerator  
(2.5.1)

Steve Gury (stevegury@github)

\* Reported #13, suggested fix: Bug in boundary checking in the CBORParser  
(2.6.2)

Adrien Grand (jpountz@github)

\* Reported #15: CBORParser.getNumberType returns DOUBLE even if the generator  
has been fed with a float  
(2.6.5)

philipa@githubL

\* Requested #20: Add a public `finishToken()`  
(2.7.2)

\* Requested #22: CBORGenerator.copyCurrentStructure() and copyCurrentEvent() do not copy tags  
(2.7.2)

---

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#### **4.1.1.11 jackson-jaxrs-json-provider 2.10.1**

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4P dependencies:

accessors-smart-1.1.jar,aggs-matrix-stats-client-7.5.2.jar,annotations-2.0.1.jar,antlr-2.7.7.jar,antlr-runtime-3.4.jar,aopalliance-1.0.jar,archaius2-api-2.1.10.jar,archaius2-core-2.1.10.jar,archaius2-guice-2.1.10.jar,archaius-core-0.7.6.jar,asm-5.0.3.jar,asm-analysis-5.0.3.jar,asm-commons-5.0.3.jar,asm-tree-5.0.3.jar,asm-util-5.0.3.jar,aws-java-sdk-core-1.11.719.jar,aws-java-sdk-kms-1.11.86.jar,aws-java-sdk-s3-1.11.86.jar,aws-java-sdk-sqs-1.11.719.jar,cassandra-driver-core-3.6.0.jar,checker-qual-2.10.0.jar,classmate-1.3.4.jar,commons-codec-1.11.jar,commons-configuration-1.8.jar,commons-io-2.4.jar,commons-jxpath-1.3.jar,commons-lang-2.6.jar,commons-lang3-3.6.jar,commons-logging-1.2.jar,commons-math-2.2.jar,commons-pool2-2.4.2.jar,compactmap-1.2.1.jar,compiler-



0.9.6.jar,completable-futures-0.3.1.jar,conductor-cassandra-persistence-v2.24.2.jar,conductor-common-v2.24.2.jar,conductor-contribs-v2.24.2.jar,conductor-core-v2.24.2.jar,conductor-es5-persistence-v2.24.2.jar,conductor-grpc-server-v2.24.2.jar,conductor-grpc-v2.24.2.jar,conductor-jersey-v2.24.2.jar,conductor-mysql-persistence-v2.24.2.jar,conductor-oracle-persistence-v2.24.2.jar,conductor-redis-persistence-v2.24.2.jar,consul-api-1.2.1.jar,dexx-collections-0.2.jar,dyno-contrib-1.6.5-rc.4.jar,dyno-core-1.6.5-rc.4.jar,dyno-jedis-1.6.5-rc.4.jar,dyno-queues-core-2.0.0-rc8.jar,dyno-queues-redis-2.0.0-rc8.jar,eddsa-0.3.0.jar,elasticsearch-7.5.2.jar,elasticsearch-cli-7.5.2.jar,elasticsearch-core-7.5.2.jar,elasticsearch-geo-7.5.2.jar,elasticsearch-rest-client-7.5.2.jar,elasticsearch-rest-high-level-client-7.5.2.jar,elasticsearch-secure-sm-7.5.2.jar,elasticsearch-ssl-config-7.5.2.jar,elasticsearch-x-content-7.5.2.jar,error\_prone\_annotations-2.3.4.jar,eureka-client-1.9.16.jar,failureaccess-1.0.1.jar,flyway-core-4.0.3.jar,governator-api-1.15.7.jar,governator-core-1.15.7.jar,grpc-context-1.14.0.jar,grpc-core-1.14.0.jar,grpc-netty-1.14.0.jar,grpc-protobuf-1.14.0.jar,grpc-protobuf-lite-1.14.0.jar,grpc-services-1.14.0.jar,grpc-stub-1.14.0.jar,gson-2.7.jar,guava-28.2-jre.jar,guava-retrying-2.0.0.jar,guice-4.1.0.jar,guice-assistedinject-4.1.0.jar,guice-grapher-4.1.0.jar,guice-multibindings-4.1.0.jar,guice-servlet-4.1.0.jar,HdrHistogram-2.1.9.jar,health-api-1.1.4.jar,health-core-1.1.4.jar,health-guice-1.1.4.jar,hibernate-validator-6.0.13.Final.jar,HikariCP-3.2.0.jar,hppc-0.8.1.jar,httpasyncclient-4.1.4.jar,httpClient-4.5.10.jar,httpcore-4.4.12.jar,httpcore-nio-4.4.12.jar,ion-java-1.0.2.jar,j2objc-annotations-1.3.jar,jackson-annotations-2.10.1.jar,jackson-core-2.10.1.jar,jackson-databind-2.10.1.jar,jackson-dataformat-cbor-2.10.1.jar,jackson-dataformat-smile-2.10.1.jar,jackson-dataformat-xml-2.10.1.jar,jackson-dataformat-yaml-2.10.1.jar,jackson-datatype-joda-2.10.1.jar,jackson-jaxrs-base-2.10.1.jar,jackson-jaxrs-json-provider-2.10.1.jar,jackson-jq-0.0.11.jar,jackson-module-jaxb-annotations-2.10.1.jar,jakarta.activation-api-1.2.1.jar,jakarta.xml.bind-api-2.3.2.jar,java-nats-streaming-2.2.3.jar,javassist-3.26.0-GA.jar,javax.el-3.0.0.jar,javax.el-api-3.0.0.jar,javax.inject-1.jar,jboss-logging-3.3.2.Final.jar,jcodings-1.0.43.jar,jedis-2.9.0.jar,jersey-apache-client4-1.19.1.jar,jersey-bundle-1.19.1.jar,jersey-client-1.19.4.jar,jersey-core-1.19.4.jar,jersey-guice-1.19.4.jar,jersey-multipart-1.13.jar,jersey-server-1.19.4.jar,jersey-servlet-1.19.4.jar,jettison-1.3.7.jar,jetty-http-9.4.24.v20191120.jar,jetty-io-9.4.24.v20191120.jar,jetty-security-9.4.26.v20200117.jar,jetty-server-9.4.24.v20191120.jar,jetty-servlet-9.4.26.v20200117.jar,jetty-util-9.4.24.v20191120.jar,jffi-1.2.16.jar,jffi-1.2.16-native.jar,jmespath-java-1.11.719.jar,jna-4.5.1.jar,jnats-2.6.5.jar,jnr-constants-0.9.9.jar,jnr-ffi-2.1.7.jar,jnr-posix-3.0.44.jar,jnr-x86asm-1.0.2.jar,joda-time-2.10.3.jar,joni-2.1.27.jar,jopt-simple-5.0.2.jar,json-path-2.2.0.jar,json-simple-1.1.jar,json-smart-2.2.1.jar,jsr305-3.0.2.jar,jsr311-api-1.1.1.jar,kafka-clients-2.4.0.jar,lang-mustache-client-7.5.2.jar,listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar,log4j-1.2.17-16.jar(Downloaded 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7.5.2.jar,ucp-19.3.0.0.jar,validation-api-2.0.1.Final.jar,woodstox-core-6.0.2.jar,xmlpull-1.1.3.1.jar,xpp3\_min-1.1.4c.jar,xstream-1.4.11.1.jar,zstd-jni-1.4.3-1.jar,conductor-client-2.24.2.jar

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ASM is used in many projects, including:

- the OpenJDK, to generate the lambda call sites, and also in the Nashorn compiler,
- the Groovy compiler and the Kotlin compiler,
- Cobertura and Jacoco, to instrument classes in order to measure code coverage,
- CGLIB, to dynamically generate proxy classes (which are used in other projects such as Mockito and EasyMock),
- Gradle, to generate some classes at runtime.



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Other developers who have contributed code are:

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\* HOMEPAGE:

\* <https://www.envoyproxy.io>

\* LOCATION\_IN\_GRPC:

\* xds/third\_party/envoy

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Tatu Saloranta, [tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi): author

Clinton Gormley ([clintongormley@github](https://github.com/clintongormley))

\* Suggested [#5]: Support binary (byte[]) Object keys (assuming UTF-8 encoding)

(2.4.3)

\* Suggested [#6]: Support 'self-describe' CBOR tag

(2.4.3)

mbaril@github)

\* Reported #9, suggested fix, contributed unit test: Infinite loop when trying

to write binary data using CBORGenerator

(2.5.1)

Steve Gury (stevegury@github)

\* Reported #13, suggested fix: Bug in boundary checking in the CBORParser

(2.6.2)

Adrien Grand (jpountz@github)

\* Reported #15: CBORParser.getNumberType returns DOUBLE even if the generator

has been fed with a float

(2.6.5)

philipa@githubL

\* Requested #20: Add a public `finishToken()`

(2.7.2)

\* Requested #22: `CBORGenerator.copyCurrentStructure()` and `copyCurrentEvent()` do not copy tags

(2.7.2)

-----

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Here are people who have contributed to Smile decoded plug-in development

(version 2.0 onwards)

(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta, tatu.saloranta@iki.fi: author

Steven Schlansker:

\* Reported [Issue-2]: `SmileParser` failed to properly decoded surrogate-pair characters for long strings

(2.0.2)

brharrington@github:

\* Reported #17: Boundary error with `float`/`double` values, large content

(2.4.1)

Lee Yun-young (lseeker@github)

\* Report #25: Buffer overrun when writing unencoded binary content

(2.4.7 / 2.5.5)

mcmahon356@github:

\* Reported #24: Current location does not always updated properly

(2.5.1)

georgewfraser@githubL

\* Reported #34: Deserialize error "Invalid type marker byte" for 'long' field names

(57 characters or longer)

(2.6.6 / 2.7.2)

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Chris Nokleberg

Dave Hughes

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Fourth Party Dependency # 138 : jts

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Fourth Party Dependency # 148 : lucene-grouping

Fourth Party Dependency # 149 : lucene-highlighter

Fourth Party Dependency # 150 : lucene-join

Fourth Party Dependency # 151 : lucene-memory

Fourth Party Dependency # 152 : lucene-misc

Fourth Party Dependency # 153 : lucene-queries

Fourth Party Dependency # 154 : lucene-queryparser

Fourth Party Dependency # 155 : lucene-sandbox

Fourth Party Dependency # 156 : lucene-spatial

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The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were  
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The class org.apache.lucene.util.WeakIdentityMap was derived from  
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The snowball stemmers in

`analysis/common/src/java/net/sf/snowball`

were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in

`analysis/common/src/resources/org/apache/lucene/analysis/snowball`

were developed by Martin Porter and Richard Boulton.

The full snowball package is available from

<http://snowball.tartarus.org/>

The KStem stemmer in

`analysis/common/src/org/apache/lucene/analysis/en`

was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)

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The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default

stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/fin/FinnishLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java  
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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Initial authors:

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"Here are people who have contributed to the development of Jackson JSON processor

Joda datatype module.

(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta, tatu.saloranta@iki.fi: author

ncjones@github.com:

\* Contributed #19: Add support for `MonthDay` and `YearMonth`

(2.3.1)

Lukasz D:

\* Suggested #23: package as a bundle

(2.3.1)

Lorcan C

\* Contributed #25: Add `KeyDeserializer` for `DateTime`



(2.3.1)

Hendy Irawan (ceefour@github)

\* Contributed #27: Allow support for `DateTimeZone`

(2.3.1)

Brad Kennedy (bkenned4@github)

\* Contributed #45: Can't use LocalTime, LocalDate & LocalDateTime as Key type for a Map

(2.4.3)"

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// An integration test service that covers all the method signature permutations  
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Args = --initialize-at-run-  
time=io.netty.buffer.PooledByteBufAllocator,io.netty.buffer.ByteBufAllocator,io.netty.buffer.ByteBufUtil,io.n  
etty.buffer.AbstractReferenceCountedByteBuf

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#### **4.1.1.14 Spring Cloud Sleuth 2.2.0.RELEASE**

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

Other developers who have contributed code are:

\* Brian Langel

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### **4.1.1.17 spring-boot-starter-hateoas 2.2.1**

Top Level Component: spring-boot-starter-hateoas

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"Here are people who have contributed to the development of Jackson JSON processor JSR-310 datatype module.

Nick Williams (beamerblvd@github): author

Tatu Saloranta (cowtowncoder@github): co-author

Chuck McCorvey (cmccorvey@github)

- \* Contributed #20: Enhance YearMonth Serialization/Deserialization to allow custom formatting with `@JsonFormat`` (2.5.2)

Christopher Currie (christophercurrie@github)

- \* Fixed Maven build to properly check for JDK 1.8

Lukasz Dywicki (splatch@github)

- \* Contributed #5: Improvements to OSGi manifest generation (2.2.3)

Jon Edvardsson (jedvardsson@github)

- \* Reported #24: ZonedDateTime type information improperly handled when default typing enabled (2.5.4)

Zoltan Kiss (zkiss@github)

- \* Contributed #18: Support serializing and deserializing Maps with jsr310 types as keys (2.6.0)

- \* Contributed #30: Make `ZonedDateTime`` serializer support `SerializationFeature.WRITE_DATES_WITH_ZONE_ID`` (2.6.0)

Sander Mak (sandermak@github)

- \* Contributed #28, #56: ISO strings with time-component cause exception when deserializing to `LocalDate`` (2.6.0, 2.7.1)

Iain Davis (iain-davis@github)

- \* Contributed #34: Allow direct instantiation of standards deserializers, with explicit `DateTimeFormatter`` to use, to allow for registering custom-formatter variants (related to #17) (2.6.0)

James R (time4tea@github)

- \* Reported #35: `LocalTimeDeserializer`` does not use configured formatter (2.6.1)

jukkasi@github:

- \* Reported #37: Cannot parse Javascript date using `LocalDateDeserializer`` (2.6.1)

Ken Southerland (crowmagnumb@github):



\* Reported #45: Problem Deserializing `java.time.OffsetTime` from JSON Array  
(2.6.3)

Peter Royal (osi@github)

\* Reported #50: `Instant` schema representation is incorrect for timestamps serialization  
(2.6.4)

Krešimir Neseć (knes1@github)

\* Reported, contributed for #69: Serialization of Instant seems to throw exceptions  
when @JsonFormat is used  
(2.6.6)

Devin Smith (devinrsmith@github)

\* Reported #63: Should not leak `DateTimeException`s to caller  
(2.7.3)

Lovro Pandžić (lpandzic@github)

\* Reported #79: Can't deserialize Instant from JSON of serialized Date  
(2.7.5)

Alexey Bychkov (joxerTMD@github)

\* Contributed #80: Add Support for  
`JsonFormat.Feature.ADJUST\_DATES\_TO\_CONTEXT\_TIME\_ZONE`  
(2.8.0)"

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Ahmed Al Hafoudh  
Alaa Nassef  
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```

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```
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Other developers who have contributed code are:

\* Brian Langel

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(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)): author

Henning Schmiedehausen ([hgschmie@github](mailto:hgschmie@github))

\* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility with Guava module (2.6.0)

Jerome Loisel (jloisel@github)

\* Reported #14: Missing `@type` when serializing Optional (2.6.2)

Peter Royal (osi@github)

\* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation (2.6.4)

\* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor (2.6.4)

\* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not propagate prefix to schema (2.6.4)

Nick Cronin (Quintok@github)

\* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect` (2.6.4)

James Lorenzen (jlorenzen@github)

\* Requested #18: Allow use of `@JsonInclude(content=Include.NON\_EMPTY)` with `Optional<>` (2.7.0)

---

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"Here are people who have contributed to the development of Jackson JSON processor  
JSR-310 datatype module.

Nick Williams ([beamerblvd@github](mailto:beamerblvd@github)): author

Tatu Saloranta ([cowtowncoder@github](mailto:cowtowncoder@github)): co-author

Chuck McCorvey ([cmccorvey@github](mailto:cmccorvey@github))  
\* Contributed #20: Enhance YearMonth Serialization/Deserialization  
to allow custom formatting with `@JsonFormat`  
(2.5.2)

Christopher Currie ([christophercurrie@github](mailto:christophercurrie@github))  
\* Fixed Maven build to properly check for JDK 1.8

Lukasz Dywicki (splatch@github)

- \* Contributed #5: Improvements to OSGi manifest generation (2.2.3)

Jon Edvardsson (jedvardsson@github)

- \* Reported #24: Zoned type information improperly handled when default typing enabled (2.5.4)

Zoltan Kiss (zkiss@github)

- \* Contributed #18: Support serializing and deserializing Maps with jsr310 types as keys (2.6.0)

\* Contributed #30: Make `ZonedDateTime` serializer support  
`SerializationFeature.WRITE\_DATES\_WITH\_ZONE\_ID`  
(2.6.0)

Sander Mak (sandermak@github)

- \* Contributed #28, #56: ISO strings with time-component cause exception when deserializing to  
LocalDate  
(2.6.0, 2.7.1)

Iain Davis (iain-davis@github)

- \* Contributed #34: Allow direct instantiation of standards deserializers, with explicit `DateTimeFormatter`  
to use, to allow for registering custom-formatter variants (related to #17)  
(2.6.0)

James R (time4tea@github)

- \* Reported #35: LocalTimeDeserializer does not use configured formatter  
(2.6.1)

jukkasi@github:

- \* Reported #37: Cannot parse Javascript date using `LocalDateDeserializer`  
(2.6.1)

Ken Southerland (crowmagnumb@github):

- \* Reported #45: Problem Deserializing `java.time.OffsetTime` from JSON Array  
(2.6.3)

Peter Royal (osi@github)

- \* Reported #50: `Instant` schema representation is incorrect for timestamps serialization  
(2.6.4)

Krešimir Neseć (knes1@github)

- \* Reported, contributed for #69: Serialization of Instant seems to throw exceptions  
when @JsonFormat is used  
(2.6.6)

Devin Smith (devinrsmith@github)

- \* Reported #63: Should not leak `DateTimeException`s to caller  
(2.7.3)

Lovro Pandžić (lpandzic@github)

- \* Reported #79: Can't deserialize Instant from JSON of serialized Date

(2.7.5)

Alexey Bychkov (joxerTMD@github)

\* Contributed #80: Add Support for  
`JsonFormat.Feature.ADJUST\_DATES\_TO\_CONTEXT\_TIME\_ZONE`  
(2.8.0)"

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Carlos Vara  
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Chris Beckey  
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**4.1.1.20 spring-cloud-config-server 2.2.0.RELEASE**

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(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)): author

Henning Schmiedehausen ([hgschmie@github](mailto:hgschmie@github))

\* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility with Guava module (2.6.0)

Jerome Loisel (jloisel@github)

\* Reported #14: Missing `@type` when serializing Optional (2.6.2)

Peter Royal (osi@github)

\* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation (2.6.4)

\* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor (2.6.4)

\* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not propagate prefix to schema (2.6.4)

Nick Cronin (Quintok@github)

\* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect` (2.6.4)

James Lorenzen (jlorenzen@github)

\* Requested #18: Allow use of `@JsonInclude(content=Include.NON\_EMPTY)` with `Optional<>` (2.7.0)

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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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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.



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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.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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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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Alaa Nassef  
Andrey Derevyanko  
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Jason T. Greene  
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Julien May  
Juraci Krohling  
Justin Nauman  
Kathryn Killebrew  
Kazuki Shimizu  
Kevin Pollet  
Khalid Alqinyah  
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Mark Hobson

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Shane Bryzak

Shelly McGowan

Sjaak Derksen

Steve Ebersole

Strong Liu

Tadhg Pearson

Takashi Aoe

Tomaz Cerar

Tommy Johansen

Victor Rezende dos Santos



Willi Sch nborn

Xavier Sosnovsky

Yanming Zhou

Yoann Rodiere

---

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"Here are people who have contributed to the development of Jackson JSON processor  
JSR-310 datatype module.

Nick Williams (beamerblvd@github): author

Tatu Saloranta (cowtowncoder@github): co-author

Chuck McCorvey (cmccorvey@github)

\* Contributed #20: Enhance YearMonth Serialization/Deserialization  
to allow custom formatting with `@JsonFormat`

(2.5.2)

Christopher Currie (christophercurrie@github)

- \* Fixed Maven build to properly check for JDK 1.8

Å• ukasz Dywicki (splat@github)

- \* Contributed #5: Improvements to OSGi manifest generation

(2.2.3)

Jon Edvardsson (jedvardsson@github)

- \* Reported #24: ZoneId type information improperly handled when default typing enabled

(2.5.4)

Zoltan Kiss (zkiss@github)

- \* Contributed #18: Support serializing and deserializing Maps with jsr310 types as keys

(2.6.0)

- \* Contributed #30: Make `ZonedDateTime` serializer support  
`SerializationFeature.WRITE\_DATES\_WITH\_ZONE\_ID`

(2.6.0)

Sander Mak (sandermak@github)

- \* Contributed #28, #56: ISO strings with time-component cause exception when deserializing to  
LocalDate

(2.6.0, 2.7.1)

Iain Davis (iain-davis@github)

- \* Contributed #34: Allow direct instantiation of standards deserializers, with explicit `DateTimeFormatter`

to use, to allow for registering custom-formatter variants (related to #17)

(2.6.0)

James R (time4tea@github)

\* Reported #35: LocalTimeDeserializer does not use configured formatter

(2.6.1)

jukkasi@github:

\* Reported #37: Cannot parse Javascript date using `LocalDateDeserializer`

(2.6.1)

Ken Southerland (crowmagnumb@github):

\* Reported #45: Problem Deserializing `java.time.OffsetTime` from JSON Array

(2.6.3)

Peter Royal (osi@github)

\* Reported #50: `Instant` schema representation is incorrect for timestamps serialization

(2.6.4)

KreÅjimir NeseÅ (knes1@github)

\* Reported, contributed for #69: Serialization of Instant seems to throw exceptions  
when @JsonFormat is used

(2.6.6)

Devin Smith (devinrsmith@github)

\* Reported #63: Should not leak `DateTimeException`s to caller

(2.7.3)

Lovro Pandžić (lpandzic@github)

\* Reported #79: Can't deserialize Instant from JSON of serialized Date

(2.7.5)

Alexey Bychkov (joxerTMD@github)

\* Contributed #80: Add Support for  
`JsonFormat.Feature.ADJUST\_DATES\_TO\_CONTEXT\_TIME\_ZONE`

(2.8.0)"

---

#### **4.1.1.21 spring-cloud-netflix-core 2.2.0.RELEASE**

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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](mailto: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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Initial authors:

Stefan Haustein

Aleksander Slominski

2001-12-12

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Victor Rezende dos Santos

Willi Schönborn

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"Here are people who have contributed to the development of Jackson JSON processor  
JSR-310 datatype module.

Nick Williams (beamerblvd@github): author

Tatu Saloranta (cowtowncoder@github): co-author

Chuck McCorvey (cmccorvey@github)

- \* Contributed #20: Enhance YearMonth Serialization/Deserialization  
to allow custom formatting with `@JsonFormat``  
(2.5.2)

Christopher Currie (christophercurrie@github)

- \* Fixed Maven build to properly check for JDK 1.8

Lukasz Dywicki (splatch@github)

- \* Contributed #5: Improvements to OSGi manifest generation  
(2.2.3)

Jon Edvardsson (jedvardsson@github)

- \* Reported #24: Zoneld type information improperly handled when default typing enabled  
(2.5.4)

Zoltan Kiss (zkiss@github)

\* Contributed #18: Support serializing and deserializing Maps with jsr310 types as keys

(2.6.0)

\* Contributed #30: Make `ZonedDateTime` serializer support  
`SerializationFeature.WRITE\_DATES\_WITH\_ZONE\_ID`

(2.6.0)

Sander Mak (sandermak@github)

\* Contributed #28, #56: ISO strings with time-component cause exception when deserializing to  
`LocalDate`

(2.6.0, 2.7.1)

Iain Davis (iain-davis@github)

\* Contributed #34: Allow direct instantiation of standards deserializers, with explicit `DateTimeFormatter`  
to use, to allow for registering custom-formatter variants (related to #17)

(2.6.0)

James R (time4tea@github)

\* Reported #35: `LocalTimeDeserializer` does not use configured formatter

(2.6.1)

jukkasi@github:

\* Reported #37: Cannot parse Javascript date using `LocalDateDeserializer`

(2.6.1)



Ken Southerland (crowmagnumb@github):

\* Reported #45: Problem Deserializing `java.time.OffsetTime` from JSON Array

(2.6.3)

Peter Royal (osi@github)

\* Reported #50: `Instant` schema representation is incorrect for timestamps serialization

(2.6.4)

Kresimir Neseck (knes1@github)

\* Reported, contributed for #69: Serialization of Instant seems to throw exceptions  
when @JsonFormat is used

(2.6.6)

Devin Smith (devinrsmith@github)

\* Reported #63: Should not leak `DateTimeException`s to caller

(2.7.3)

Lovro Pandzic (lpandzic@github)

\* Reported #79: Can't deserialize Instant from JSON of serialized Date

(2.7.5)

Alexey Bychkov (joxerTMD@github)

\* Contributed #80: Add Support for  
`JsonFormat.Feature.ADJUST\_DATES\_TO\_CONTEXT\_TIME\_ZONE`

(2.8.0)"

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(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta, tatu.saloranta@iki.fi: author

Clinton Gormley (clintongormley@github)

\* Suggested [#5]: Support binary (byte[]) Object keys (assuming UTF-8 encoding)

(2.4.3)

\* Suggested [#6]: Support 'self-describe' CBOR tag

(2.4.3)

mbaril@github)

\* Reported #9, suggested fix, contributed unit test: Infinite loop when trying

to write binary data using CBORGenerator

(2.5.1)

Steve Gury (stevegury@github)

\* Reported #13, suggested fix: Bug in boundary checking in the CBORParser

(2.6.2)

Adrien Grand (jpountz@github)

\* Reported #15: CBORParser.getNumberType returns DOUBLE even if the generator  
has been fed with a float

(2.6.5)

philipa@githubL

\* Requested #20: Add a public `finishToken()`

(2.7.2)

\* Requested #22: CBORGenerator.copyCurrentStructure() and copyCurrentEvent() do not copy tags

(2.7.2)

-----  
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JDK8 datatype component, version 2.x

(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta (tatu.saloranta@iki.fi): author

Henning Schmiedehausen (hgschmie@github)

\* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility  
with Guava module

(2.6.0)

Jerome Loisel (jloisel@github)

\* Reported #14: Missing `@type` when serializing Optional

(2.6.2)

Peter Royal (osi@github)

\* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation

(2.6.4)

\* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor

(2.6.4)

\* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not

propagate prefix to schema

(2.6.4)

Nick Cronin (Quintok@github)

\* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`

(2.6.4)

James Lorenzen (jlorenzen@github)

\* Requested #18: Allow use of `@JsonInclude(content=Include.NON\_EMPTY)` with `Optional<>`

(2.7.0)

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signature of Ty Coon, 1 April 1989
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Here are people who have contributed to the development of Jackson JSON processor  
JDK8 datatype component, version 2.x  
(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)): author

Henning Schmiedehausen (hgschmie@github)

\* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility with Guava module  
(2.6.0)

Jerome Loisel (jloisel@github)

\* Reported #14: Missing `@type` when serializing Optional  
(2.6.2)

Peter Royal (osi@github)

\* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation  
(2.6.4)  
\* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor  
(2.6.4)  
\* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not propagate prefix to schema  
(2.6.4)

Nick Cronin (Quintok@github)

\* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`  
(2.6.4)

James Lorenzen (jlorenzen@github)

\* Requested #18: Allow use of `@JsonInclude(content=Include.NON\_EMPTY)` with `Optional<>`  
(2.7.0)

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Strong Liu

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Tommy Johansen

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Yanming Zhou

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"Here are people who have contributed to the development of Jackson JSON processor  
JSR-310 datatype module.

Nick Williams (beamerblvd@github): author

Tatu Saloranta (cowtowncoder@github): co-author

Chuck McCorvey (cmccorvey@github)

\* Contributed #20: Enhance YearMonth Serialization/Deserialization  
to allow custom formatting with `@JsonFormat`  
(2.5.2)

Christopher Currie (christophercurrie@github)

\* Fixed Maven build to properly check for JDK 1.8

Lukasz Dywicki (splatch@github)

\* Contributed #5: Improvements to OSGi manifest generation

(2.2.3)

Jon Edvardsson (jedvardsson@github)

\* Reported #24: Zoned type information improperly handled when default typing enabled

(2.5.4)

Zoltan Kiss (zkiss@github)

\* Contributed #18: Support serializing and deserializing Maps with jsr310 types as keys

(2.6.0)

\* Contributed #30: Make `ZonedDateTime` serializer support  
`SerializationFeature.WRITE\_DATES\_WITH\_ZONE\_ID`

(2.6.0)

Sander Mak (sandermak@github)

\* Contributed #28, #56: ISO strings with time-component cause exception when deserializing to  
LocalDate

(2.6.0, 2.7.1)

Iain Davis (iain-davis@github)

\* Contributed #34: Allow direct instantiation of standards deserializers, with explicit `DateTimeFormatter`  
to use, to allow for registering custom-formatter variants (related to #17)

(2.6.0)

James R (time4tea@github)

\* Reported #35: LocalTimeDeserializer does not use configured formatter

(2.6.1)

jukkasi@github:

\* Reported #37: Cannot parse Javascript date using `LocalDateDeserializer`

(2.6.1)

Ken Southerland (crowmagnumb@github):

\* Reported #45: Problem Deserializing `java.time.OffsetTime` from JSON Array

(2.6.3)

Peter Royal (osi@github)

\* Reported #50: `Instant` schema representation is incorrect for timestamps serialization

(2.6.4)

Krešimir Neseć (knes1@github)

\* Reported, contributed for #69: Serialization of Instant seems to throw exceptions

when @JsonFormat is used

(2.6.6)

Devin Smith (devinrsmith@github)

\* Reported #63: Should not leak `DateTimeException`s to caller

(2.7.3)

Lovro Pandžic (lpandzic@github)

\* Reported #79: Can't deserialize Instant from JSON of serialized Date

(2.7.5)

Alexey Bychkov (joxerTMD@github)

\* Contributed #80: Add Support for  
`JsonFormat.Feature.ADJUST\_DATES\_TO\_CONTEXT\_TIME\_ZONE`

(2.8.0)"

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**4.1.1.25 spring-cloud-starter-stream-kafka 3.0.0.RELEASE**

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Other developers who have contributed code are:

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- 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.

- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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 on which the executable runs, unless that component itself accompanies the executable.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that

the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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Other developers who have contributed code are:

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(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta (tatu.saloranta@iki.fi): author

Henning Schiedehausen (hgschmie@github)

\* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility with Guava module  
(2.6.0)

Jerome Loisel (jloisel@github)

\* Reported #14: Missing `@type` when serializing Optional  
(2.6.2)

Peter Royal (osi@github)

\* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation  
(2.6.4)  
\* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor  
(2.6.4)  
\* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not  
propagate prefix to schema  
(2.6.4)

Nick Cronin (Quintok@github)

\* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`  
(2.6.4)

James Lorenzen (jlorenzen@github)

\* Requested #18: Allow use of `@JsonInclude(content=Include.NON\_EMPTY)` with `Optional<>`  
(2.7.0)

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"Here are people who have contributed to the development of Jackson JSON processor JSR-310 datatype module.

Nick Williams (beamerblvd@github): author

Tatu Saloranta (cowtowncoder@github): co-author

Chuck McCorvey (cmccorvey@github)

- \* Contributed #20: Enhance YearMonth Serialization/Deserialization to allow custom formatting with `@JsonFormat` (2.5.2)

Christopher Currie (christophercurrie@github)

- \* Fixed Maven build to properly check for JDK 1.8

Å• ukasz Dywicki (splatch@github)

- \* Contributed #5: Improvements to OSGi manifest generation (2.2.3)

Jon Edvardsson (jedvardsson@github)

- \* Reported #24: Zoned type information improperly handled when default typing enabled (2.5.4)

Zoltan Kiss (zkiss@github)

- \* Contributed #18: Support serializing and deserializing Maps with jsr310 types as keys (2.6.0)
- \* Contributed #30: Make `ZonedDateTime` serializer support `SerializationFeature.WRITE_DATES_WITH_ZONE_ID` (2.6.0)

Sander Mak (sandermak@github)

- \* Contributed #28, #56: ISO strings with time-component cause exception when deserializing to `LocalDate` (2.6.0, 2.7.1)

Iain Davis (iain-davis@github)

- \* Contributed #34: Allow direct instantiation of standards deserializers, with explicit `DateTimeFormatter` to use, to allow for registering custom-formatter variants (related to #17) (2.6.0)

James R (time4tea@github)

- \* Reported #35: `LocalTimeDeserializer` does not use configured formatter (2.6.1)

jukkasi@github:

- \* Reported #37: Cannot parse Javascript date using `LocalDateDeserializer` (2.6.1)

Ken Southerland (crowmagnumb@github):

- \* Reported #45: Problem Deserializing `java.time.OffsetTime` from JSON Array (2.6.3)

Peter Royal (osi@github)

- \* Reported #50: `Instant` schema representation is incorrect for timestamps serialization (2.6.4)

KreÅjimir NeseÅ (knes1@github)

- \* Reported, contributed for #69: Serialization of `Instant` seems to throw exceptions when `@JsonFormat` is used

(2.6.6)

Devin Smith (devinrsmith@github)

\* Reported #63: Should not leak `DateTimeException`s to caller  
(2.7.3)

Lovro Pandžić (lpandzic@github)

\* Reported #79: Can't deserialize Instant from JSON of serialized Date  
(2.7.5)

Alexey Bychkov (joxerTMD@github)

\* Contributed #80: Add Support for  
`JsonFormat.Feature.ADJUST\_DATES\_TO\_CONTEXT\_TIME\_ZONE`  
(2.8.0)"

#### 4.1.1.27 spring-security-ldap 5.2.1.RELEASE

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### SWAGGER MODULES

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swagger-models

---

4th Party dependencies:

commons-lang3

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It was originally written by Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)), and has  
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```
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 */
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Revision level 1.2, last updated on 2009/01/13

Changed the URL of the Artifacts.

Revision level 1.1, last updated on 2007/11/19

#### **4.1.2.2 EclipseLink JPA 2.7.5**

org.eclipse.persistence.jpa

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### **4.1.3.2 Node-TimSort 0.30**

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### **4.1.3.3 Knockout.js 3.5.0**

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  Knockout Fast Foreach v0.6.0 (2016-07-28T11:02:54.197Z)
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/\*! Hammer.JS - v2.0.4 - 2014-09-28

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 * http://jqueryui.com
 * Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js
 * Copyright 2015 jQuery Foundation and other contributors; Licensed MIT */
```

```
/*!
 * jQuery JavaScript Library v3.4.1
 * http://jquery.com/
 *
 * Includes Sizzle.js
 * http://sizzlejs.com/
 *
 * Copyright 2005, 2014 jQuery Foundation, Inc. and other contributors
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 *
 * Date: 2014-12-18T15:11Z
 */
```

```
/** @license
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 * Released under the MIT license
 * Author: Miller Medeiros
 * Version: 1.0.0 - Build: 268 (2012/11/29 05:48 PM)
 */
```

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```

```
/*!
 * Knockout JavaScript library v3.5.0
 * (c) Steven Sanderson - http://knockoutjs.com/
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```

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#### **4.1.5 Others**

##### **4.1.5.1 jQuery 3.4.1**

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#### **4.1.5.2 JSON-Java 20190722-6b6e8e8**

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#### **4.1.5.3 Simple Logging Facade for Java (SLF4J) 1.7.29**

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#### **4.1.5.4 JSZip 3.2.1**

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4th party dependencies (as mentioned in <https://github.com/Stuk/jszip/blob/master/package.json>)

Pako 1.0.2  
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lie 3.3.0

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

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readable-stream 2.3.6

<https://github.com/nodejs/readable-stream/releases/tag/v2.3.6>

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set-immediate-shim 1.0.1  
<https://github.com/sindresorhus/set-immediate-shim/releases/tag/v1.0.1>

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Module Name: immediate  
Version: 3.0.6

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core-util-is@1.0.2

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inherits@2.0.4  
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isarray@1.0.0

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process-nextick-args@2.0.1

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safe-buffer@5.1.2

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string\_decoder@1.1.1  
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util-deprecate@1.0.2

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