Oracle Banking Virtual Account Management License Guide Release 14.4.0.0.0 Part Number F31303-01 May 2020







Oracle Banking Virtual Account Management License Guide May 2020 Version 14.4.0.0.0

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Contents

1. PF	1-1	
1.1	Introduction	
1.2	AUDIENCE	
1.3	DOCUMENTATION ACCESSIBILITY	
1.4	Organization	
1.5	RELATED DOCUMENTS	1-1
2. OF	RACLE BANKING VIRTUAL ACCOUNT MANAGEMENT LICENSING	2-1
2.1	Introduction	2-1
2.2	GENERAL LICENSING RULES	2-1
2.3	COMPONENTS INCLUDED IN LICENSE	2-1
2.4	SEPARATELY LICENSED PRE-REQUISITE PRODUCTS AND LICENSING METRIC	
2.5	RESTRICTED USE LICENSE	2-1
3. EN	3-1	
3.1	TECH STACK - OBVAM	3-1
4. TH	IIRD-PARTY LICENSES	4-1
4.1	Introduction	4-1
4.2	APACHE LICENSE 2.0	4-1
4.3	THIRD PARTY LIBRARIES	4-1284
4.3	4.3.1 Apache 2.0	
4.3	3.2 MIT License	4-1285
4.3		
4.3	3.4 Others	4-1286

1. Preface

1.1 Introduction

This document helps you understand the guiding rules for Oracle Banking Virtual Account 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 that is packaged with Oracle Banking Virtual Account Management.

1.2 Audience

This document is intended for the following audience:

- Customers
- Partners

1.3 **Documentation Accessibility**

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1.4 Organization

This manual is organized into following chapters:

Chapter	Description
Chapter 1	Preface gives information on the intended audience. It also lists the various chapters covered in this license guide.
Chapter 2	Oracle Banking Virtual Account Management Licensing provides information about Oracle Banking Virtual Account Management licensing.
Chapter 3	Software Pre-requisites consists of the technology pre-requisites required for Oracle Banking Virtual Account Management.
Chapter 4	Third Party Licenses provides information on licensing of third party software that are packaged with Oracle Banking Virtual Account Management.

1.5 Related Documents

Oracle Banking Virtual Account Management User Manuals



2. Oracle Banking Virtual Account Management Licensing

2.1 Introduction

This chapter provides information on Oracle Banking Virtual Account Management licensing. It contains the following sections:

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

2.2 **General Licensing Rules**

Not applicable to Oracle Banking Virtual Account Management.

2.3 Components Included in License

Not applicable to Oracle Banking Virtual Account Management

2.4 <u>Separately Licensed Pre-requisite Products and Licensing Metric</u>

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

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)	
Oracle Banking Virtual Account	Not Applicable	Virtual Account	
Oracle Banking Virtual Identifier	Not Applicable	Virtual Identifier	

2.5 Restricted Use License

Not applicable to Oracle Banking Virtual Account Management.



3. Environment Details

3.1 Tech Stack - OBVAM

Component	Machine	Operating System	Software	Version Number
	Applicatio n Server	Oracle Linux Server release 7.6 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.4.0
			Oracle WebLogic	12.2.1.4.0
			Java HotSpot (TM) JDK (with WebLogic Application Server)	JDK 8 Update 241
	Database Server	Oracle Linux Server release 7.6 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.6.0.0.0 (19c)
	Message Broker	Oracle Linux Server release 7.6 (x86 64 Bit)	Apache Kafka	2.12-2.3.1
			Apache ZooKeeper	3.5.6
	Reporting Server	Oracle Linux Server release 7.6 (x86 64 Bit)	Oracle Analytics Server	5.5
Oracle Banking Virtual Account			Repository Creation Utility	12.2.1.4.0
Management	Client Machines Browser Support is strictly tied to the Browser itself, and no longer based on the Operating System. Current release is certified on client workstations with Windows 10 and Mac.		Internet Explorer	Microsoft Internet Explorer Release (11.*)
			Mozilla Firefox	Mozilla Firefox Release (66+)
			Google Chrome	Google Chrome Release (73+)
			Microsoft Edge	44+
			Apple Safari	(12.*,11.*)



4. Third-Party Licenses

4.1 Introduction

This chapter provides information on licensing of third party software that are packaged with Oracle Banking Virtual Account Management 14.4.0.0.0 product release. It contains the following sections:

- Apache License 2.0
- MIT License
- EDL 1.0
- Others

4.2 Apache License 2.0

Avro 1.9.1

Apache License

Top Level Component: Avro

Top Level Component License: Apache 2.0

Apache License

Version 2.0, January 2004

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Fourth Party Dependency #1 License: Apache 2.0

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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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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."



Fourth Party Dependency # 2: jackson-databind

Fourth Party Dependency #2 License: Apache 2.0

Fourth Party Dependency #2 Copyright:

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Fourth Party Dependency # 3: joda-time 2.10.5

Fourth Party Dependency #3 License: Apache 2.0

Fourth Party Dependency #3 Copyright:

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Fourth Party Dependency # 4: commons-compress

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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

Fourth Party Dependency # 9: connect-transforms

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Fourth Party Dependency # 12: jackson-core

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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 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<Interface>

(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 # 15: jackson-datatype-jdk8

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Fourth Party Dependency # 16: jackson-jaxrs-base

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Fourth Party Dependency # 28: jersey-container-servlet

Fourth Party Dependency # 29: jersey-container-servlet-core

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Source Code

The project maintains the following source code repositories:

https://github.com/eclipse-ee4j/jersey

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Fourth Party Dependency # 34: jetty-continuation

Fourth Party Dependency # 35: jetty-http

Fourth Party Dependency # 36: jetty-io

Fourth Party Dependency # 37: jetty-security

Fourth Party Dependency # 38: jetty-server

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- org.mortbay.jasper:apache-jsp
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Assorted

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Fourth Party Dependency # 45: kafka-log4j-appender

Fourth Party Dependency # 46: kafka-streams

Fourth Party Dependency # 47: kafka-streams-examples

Fourth Party Dependency # 48: kafka-streams-scala_2.12

Fourth Party Dependency # 49: kafka-streams-test-utils

Fourth Party Dependency # 50: kafka-tools

Fourth Party Dependency # 51: kafka_2.12-2.3.1-javadoc

Fourth Party Dependency # 52: kafka_2.12-2.3.1-scaladoc

Fourth Party Dependency # 53: kafka 2.12-2.3.1-sources

Fourth Party Dependency # 54: kafka_2.12-2.3.1-test-sources

Fourth Party Dependency # 55: kafka_2.12-2.3.1-test

Fourth Party Dependency # 56: kafka 2.12

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Zstd-jni: JNI bindings to Zstd Library

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Fourth Party Dependency #76: jakarta.xml.bind-api-2.3.2.jar

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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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Fourth Party Dependency #8: jetty-io

Fourth Party Dependency # 9: jetty-security

Fourth Party Dependency # 10: jetty-server

Fourth Party Dependency # 11: jetty-servlet

Fourth Party Dependency # 12: jetty-util

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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 modififications are hosted at github and both modified and original are under GPL v2 with classpath exceptions. http://openjdk.java.net/legal/gplv2+ce.html

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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.



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Yidong Fang

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.netty.buffer.AbstractReferenceCountedByteBuf

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Apache Velocity

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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

Jackson Dataformat xml 2.10.1

Top Level Component Name: Jackson Data Format XML

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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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jackson-jaxrs-json-provider 2.10.1

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Jquery 3.4.1

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------https://github.com/jquery/jquery/blob/3.4.0/external/npo/npo.js------

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Lodash 4.17.11

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Node-Timsort 0.3.0

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proxy-4.1.45.Final.jar,netty-resolver-4.1.45.Final.jar,netty-transport-4.1.45.Final.jar,oauth-client-1.19.4.jar,oauth-signature-1.19.4.jar,ojdbc8-19.3.0.0.jar,ons-19.3.0.0.jar,opencensus-api-0.12.3.jar,opencensus-contrib-grpc-metrics-0.12.3.jar,oraclepki-19.3.0.0.jar,osdt_cert-19.3.0.0.jar,osdt_core-19.3.0.0.jar,parent-join-client-7.5.2.jar,percolator-client-7.5.2.jar,protobuf-java-3.9.1.jar,protobuf-java-util-3.5.1.jar,protogen-annotations-1.0.0.jar,proto-google-common-protos-1.0.0.jar,rank-eval-client-7.5.2.jar,re2j-1.2.jar,redis-java-0.0.17.jar,reflections-0.9.10.jar,reindex-client-7.5.2.jar,rxjava-1.2.2.jar,servlet-api-2.5.jar,servo-core-0.12.21.jar,simplefan-19.3.0.0.jar,slf4j-api-1.7.28.jar,slf4j-log4j12-1.7.21.jar,snakeyaml-1.24.jar,snappy-java-1.1.7.3.jar,spectator-api-0.68.0.jar,stax2-api-4.2.jar,stax-api-1.0.1.jar,stringtemplate-3.2.1.jar,swagger-annotations-1.5.9.jar,swagger-core-1.5.9.jar,swagger-jaxrs-1.5.9.jar,swagger-jersey-jaxrs-1.5.9.jar,swagger-models-1.5.9.jar,t-digest-3.2.jar,transport-7.5.2.jar,transport-netty4-client-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

Fourth Party Dependency # 1: accessors-smart

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The current development team consists of Bill Pugh and Andrey Loskutov.

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Numerous people have made significant contributions to the FindBugs project, including founding work by David Hovemeyer and the web cloud infrastructure by Keith Lea.



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Fourth Party Dependency # 4: antlr

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Fourth Party Dependency # 11: asm, asm-analysis, asm-commons,asm-tree,asm-util

Fourth Party Dependency # 11 License: BSD

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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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ASM: a very small and fast Java bytecode manipulation framework

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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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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 (Iseeker@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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jackson-jq/src/test/resources

These files are generated from files in stedolan/jq repository:

jackson-jq/src/main/resources/net/thisptr/jackson/jq/jq.json

jackson-jg/src/test/resources/jg-test-all-ng.json

jackson-jg/src/test/resources/jg-test-all-ok.json



jackson-jq/src/test/resources/jq-test-official-ng.json

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Javassist, a Java-bytecode translator toolkit.

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The KStem stemmer in analysis/common/src/org/apache/lucene/analysis/en was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst) under the BSD-license.

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

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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:

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The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

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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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time=io.netty.buffer.P	ooledByteBufAllocator,io.netty.buffer.Bytel	BufAllocator,io.netty.buffer.ByteBu
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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spring-boot-starter-hateoas 2.2.1.RELEASE

Top Level Component: spring-boot-starter-hateoas

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Other developers who have contributed code are:

Brian Langel

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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)

Krešimir Nesek (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 (Ipandzic@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

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Andrey Derevyanko

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Carlo de Wolf

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spring-boot-starter-jersey 2.2.1.RELEASE



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Other developers who have contributed code are:



* Brian Langel

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

Henning Schmiedehausen (hgschmie@github)



* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility

(2.6.0)

Jerome Loisel (jloisel@github)

with Guava module

* Reported #14: Missing `@type` when serializing Optional<Interface>

(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

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)

lain 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 Nesek (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)

(2.7.5)

Alexey Bychkov (joxerTMD@github)

Contributed #80: Add Support for

`JsonFormat.Feature.ADJUST_DATES_TO_CONTEXT_TIME_ZONE`

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

(2.8.0)"



.....

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Ahmed Al Hafoudh

Alaa Nassef

Andrey Derevyanko

Andrey Rodionov

Asutosh Pandya

Benson Margulies

Brent Douglas

Carlos Vara

Carlo de Wolf

Chris Beckey

Christian Ivan

Dag Hovland

Damir Alibegovic

Dario Seidl

Davide D'Alto

Davide Marchignoli

Denis Tiago

Doug Lea

Emmanuel Bernard

Efthymis Sarbanis

Federico

Federico Mancini



George Gastaldi
Gerhard Petracek
Guillaume Husta
Guillaume Smet
Gunnar Morling
Hardy Ferentschik
Henno Vermeulen
Hillmer Chona
Jan-Willem Willebrands
Jason T. Greene
Jesper Preuss
Jiri Bilek
Julien Furgerot
Julien May
Juraci Krohling
Justin Nauman
Kathryn Killebrew
Kazuki Shimizu
Kevin Pollet
Khalid Alqinyah
Lee KyoungII
Leonardo Loch Zanivan
Lucas Pouzac
Lukas Niemeier
Mark Hobson
Marko Bekhta



Gavin King

Matthias Kurz
Mert C¸alis¸kan
Michal Fotyga
Nicola Ferraro
Nicolas François
Paolo Perrotta
Pete Muir
Rob Dickinson
Sanne Grinovero
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Steve Ebersole
Strong Liu
Tadhg Pearson
Takashi Aoe
Tomaz Cerar
Tommy Johansen
Victor Rezende dos Santos
Willi Schönborn
Xavier Sosnovsky
Yanming Zhou
Yoann Rodière"

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Other developers who have contributed code are:

Brian Langel

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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<Interface>

(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: 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)

lain 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 formatte(2.6.1jukkasi@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)

KreÅimir Nesek (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 Pandå¾ić (Ipandzic@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)

spring-cloud-netflix-core 2.2.0.RELEASE

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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.

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.
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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.)

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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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Initial authors:

Stefan Haustein

Aleksander Slominski

2001-12-12

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Kathryn Killebrew



Takashi Aoe **Tomaz Cerar** Tommy Johansen Victor Rezende dos Santos Willi Schönborn Xavier Sosnovsky Yanming Zhou Yoann Rodière" Fourth Party Dependency # 74: jackson-datatype-jsr310 Fourth Party Dependency # 74 License: Apache 2.0 Fourth Party Dependency # 74 Copyright: "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 SerializationDeserialization 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 Nesek (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 (Ipandzic@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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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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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 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<Interface>

(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 JSON processor

Jackson is a high-performance, FreeOpen 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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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains test data from http://aspell.net/test/orig/batch0.tab.

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Here are people who have contributed to the development of Jackson JSON processorJDK8 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<Interface>

(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 # 24: jackson-module-afterburner

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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.
- 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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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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(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)

lain 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 Nesek (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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Other developers who have contributed code are:

Brian Langel

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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 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<Interface>



(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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Takashi Aoe **Tomaz Cerar** Tommy Johansen Victor Rezende dos Santos Willi SchA¶nborn Xavier Sosnovsky Yanming Zhou Yoann RodiÃ"re" Fourth Party Dependency # 49: jackson-datatype-jsr310 Fourth Party Dependency # 49 License: Apache 2.0 Fourth Party Dependency # 49 Copyright: "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: 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)

lain 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)



KreÅimir Nesek (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 Pandå¾ić (Ipandzic@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)

spring-security-Idap 5.2.1.RELEASE

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Fourth Party Dependency #11 Name: ghost4j 1.0.1

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Fourth Party Dependency #12: jul-to-slf4j 1.7.30

Fourth Party Dependency #13: jcl-over-slf4j 1.7.30

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ant-nodeps



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math.js 5.9.0

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EclipseLink JPA 2.7.5

org.eclipse.persistence.jpa

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Fourth Party Dependency # 3: org.eclipse.persistence.core

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Jjwt 0.10.7

Top Level Component: jjwt



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Fourth Party Dependency # 2: jjwt-jackson

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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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- EDL 1.0
- Others

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- POI 4.1.1
- Commons FileUpload 1.4
- Netty 4.1.43
- Guava 28.2
- Avro 1.9.1
- Kafka 2.3.1
- jackson-jaxrs-json-provider 2.10.1
- ijwt 0.10.7
- spring-security-oauth2 2.4.0.RELEASE
- jackson-dataformat-xml 2.10.1
- flyway-core 6.1.3
- HikariC 3.4.2
- math.js 5.9.0



- conductor 2.24.2
- spring-cloud-netflix-core 2.2.0.RELEASE
- spring-cloud-starter-netflix-zuul 2.2.0
- Spring Cloud Sleuth 2.2.0. RELEASE
- Swagger 1.6.0
- tesseract 4.1.0
- jackson-dataformats-binary 2.10.1
- Velocity Engine 2.1
- spring-boot-starter-hateoas 2.2.1
- spring-boot-starter-jersey 2.2.1.RELEASE
- spring-boot-starter-data-jpa 2.2.1.RELEASE
- spring-cloud-starter-stream-kafka 3.0.0.RELEASE
- spring-security-ldap 5.2.1.RELEASE
- spring-boot-starter-security 2.2.1.RELEASE
- ZooKeeper 3.5.6
- spring-cloud-config-server 2.2.0.RELEASE
- spring-cloud-starter-netflix-eureka-client 2.2.0
- Spring Cloud Config 2.2.0.RELEASE
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- spring-cloud-stream-schema 2.2.1.RELEASE
- PDFBox 2.0.18
- spring-boot-starter-batch 2.2.1.RELEASE
- tess4j 4.3.1

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- Knockout.js 3.5.0
- lodash 4.17.11
- Node-TimSort 0.3.0
- JSON-Java 20190722-6b6e8e8
- Moment.js 2.24.0
- tess4j 4.3.1
- jQuery 3.4.1

4.3.3 EDL 1.0

- EclipseLink 2.7.5
- EclipseLink JPA 2.7.5



4.3.4 <u>Others</u>

- JavaScript Extension Toolkit (JET)7.2.0 (Universal Permissive License (UPL), Version 1.0)
- JSZip 3.2.1 (Multiple Licenses)

