

# Oracle® Database

## Oracle GoldenGate Licensing Information



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ORACLE®

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# Preface

This book contains information about the licenses that are granted to Oracle by the owners of third-party software that is used in the Oracle GoldenGate software.

- [Audience](#)
- [Documentation Accessibility](#)
- [Related Information](#)
- [Conventions](#)

## Audience

This document is intended for use by all purchasers of Oracle GoldenGate software.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Accessible Access to Oracle Support

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## Related Information

The other Oracle GoldenGate Veridata documents for this release are as follows:

- [Upgrading Oracle GoldenGate Veridata](#)
- [Using Oracle GoldenGate Veridata](#)
- [Oracle GoldenGate Veridata Release Notes](#)
- [Installing Oracle GoldenGate Veridata](#)

The Oracle GoldenGate Product Documentation Libraries are found at

<https://docs.oracle.com/en/middleware/goldengate/index.html>

For additional information on Oracle GoldenGate, refer to, <https://www.oracle.com/middleware/technologies/goldengate.html>

# Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, such as "From the File menu, select <b>Save</b> ." Boldface also is used for terms defined in text or in the glossary.
<i>italic</i> <i>italic</i>	Italic type indicates placeholder variables for which you supply particular values, such as in the parameter statement: <code>TABLE <i>table_name</i></code> . Italic type also is used for book titles and emphasis.
monospace MONOSPACE	Monospace type indicates code components such as user exits and scripts; the names of files and database objects; URL paths; and input and output text that appears on the screen. Uppercase monospace type is generally used to represent the names of Oracle GoldenGate parameters, commands, and user-configurable functions, as well as SQL commands and keywords.
UPPERCASE	Uppercase in the regular text font indicates the name of a utility unless the name is intended to be a specific case.
{ }	Braces within syntax enclose a set of options that are separated by pipe symbols, one of which must be selected, for example: { <i>option1</i>   <i>option2</i>   <i>option3</i> }.
[ ]	Brackets within syntax indicate an optional element. For example in this syntax, the <code>SAVE</code> clause is optional: <code>CLEANUP REPLICAT <i>group_name</i> [ , <code>SAVE count</code> ]</code> . Multiple options within an optional element are separated by a pipe symbol, for example: [ <i>option1</i>   <i>option2</i> ].

# 1

## Licensing Information

This chapter describes the licensing information for the Oracle GoldenGate products.

### Topics:

- [Oracle GoldenGate Products](#)
- [Oracle GoldenGate](#)
- [Oracle GoldenGate for Non-Oracle Database](#)
- [Oracle GoldenGate for Mainframe](#)
- [Oracle GoldenGate for Teradata Replication Services](#)
- [Oracle GoldenGate Application Adapters](#)
- [Oracle GoldenGate for BigData](#)
- [Oracle GoldenGate Foundation Suite](#)

## Oracle GoldenGate Products

For details on a supported database platform for your product version please refer to the Oracle Fusion Middleware Supported System Configurations (<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>) and/or the certification tab under My Oracle Support (for supported customers only; <http://support.oracle.com>).

Oracle GoldenGate technology includes the following separately licensed products:

- [Oracle GoldenGate](#)
- [Oracle GoldenGate for Non-Oracle Database](#)
- [Oracle GoldenGate for Mainframe](#)
- [Oracle GoldenGate for Teradata Replication Services](#)
- [Oracle GoldenGate Application Adapters](#)
- [Oracle GoldenGate Veridata](#)
- [Oracle GoldenGate for BigData](#)
- [Oracle GoldenGate Foundation Suite](#)
- [Third-Party Products and Details for Oracle GoldenGate Monitor](#)
- [Third-Party Products and Details for Oracle GoldenGate Studio](#)

## Oracle GoldenGate

Oracle GoldenGate provides the ability to capture and deliver database transactions for Oracle databases. This allows the use of Extract and Replicat on an Oracle database.

A license to Oracle GoldenGate includes a license to Oracle Active Data Guard and Oracle XStream, subject to the following prerequisite.

Prerequisite: A license to Oracle Database Enterprise Edition is a prerequisite to license and use Oracle Active Data Guard or Oracle XStream.

Restricted use: A license to Oracle GoldenGate includes a restricted-use license to Oracle GoldenGate for Big Data (GGBD). Use of GGBD is restricted to: (i) the JMS functionality used solely for enabling communication from Oracle GoldenGate to separately licensed Oracle Coherence Grid Edition deployments; and/or (ii) the Kafka functionality used solely for enabling communication from Oracle GoldenGate to separately licensed Oracle Stream Analytics deployments.

## Oracle GoldenGate for Non-Oracle Database

Oracle GoldenGate for Non-Oracle Database provides the ability to capture database transactions from supported non-Oracle open systems databases and/or deliver database transactions to supported non-Oracle open systems databases.

Restricted use: A license to Oracle GoldenGate for Non-Oracle Database includes a restricted-use license to Oracle GoldenGate for Big Data (GGBD). Use of GGBD is restricted to: (i) the JMS functionality used solely for enabling communication from Oracle GoldenGate for Non-Oracle Database to separately licensed Oracle Coherence Grid Edition deployments; and/or (ii) for the Kafka functionality used solely for enabling communication from Oracle GoldenGate for Non-Oracle Database to separately licensed Oracle Stream Analytics deployments.

A license to Oracle GoldenGate for Non-Oracle Database does not include a license to Oracle Active Data Guard or Oracle XStream.

## Oracle GoldenGate for Mainframe

Oracle GoldenGate for Mainframe provides the ability to capture and deliver database transactions from HP NonStop or IBM DB2 on z/OS databases.

Restricted use: A license to Oracle GoldenGate for Mainframe includes a restricted-use license to Oracle GoldenGate for Big Data (GGBD). Use of GGBD is restricted to: (i) the JMS functionality used solely for enabling communication from Oracle GoldenGate for Mainframe to separately licensed Oracle Coherence Grid Edition deployments; and/or (ii) for the Kafka functionality used solely for enabling communication from Oracle GoldenGate for Mainframe to separately licensed Oracle Stream Analytics deployments.

## Oracle GoldenGate for Teradata Replication Services

Oracle GoldenGate for Teradata Replication Services provides the ability to capture database transactions from Teradata databases and deliver database transactions to Teradata databases.

Prerequisite: To deliver data to Teradata, the Oracle GoldenGate for Non-Oracle Databases license is required.

Prerequisite: A license for Teradata Access Manager from Teradata Corporation is required to enable the capture process on Teradata.

# Oracle GoldenGate Application Adapters

The following Oracle GoldenGate Application Adapters are available.

- [Oracle GoldenGate for Application Adapter for Base24](#)
- [Oracle GoldenGate Application Adapter for Logger for Enscribe](#)
- [Third-Party Products and Details for Oracle GoldenGate](#)

## Oracle GoldenGate for Application Adapter for Base24

Oracle GoldenGate provides adapters to integrate BASE24 components heterogeneously, moving data from ATM networks to the core banking systems for online processing.

A license for Oracle GoldenGate Application Adapter for Base24 includes the following components:

- Oracle GoldenGate D24
- Oracle GoldenGate N24
- Oracle GoldenGate T24

## Oracle GoldenGate Application Adapter for Logger for Enscribe

The adapter is for non-audited Enscribe database platforms.

## Third-Party Products and Details for Oracle GoldenGate

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle GoldenGate, in the following sub-sections.

### Commercial Software

Currently there are no commercial software products or components distributed in Oracle GoldenGate with the applicable licensing information.

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The following release versions are associated with the third-party products in Oracle GoldenGate:

- 11.1.1.1
- 11.2.1.0
- 12.1.2.0
- 12.2.0.1
- 12.2.0.2

- 12.3.0.1
- 18.1.0.0.0
- 19.1.0.0.0
- 21.1.0.0.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle GoldenGate.

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Apache	Apache Xerces-C++ 3.2.1	18.1.0.0.0 19.1.0.0.0	For a copy of the license, see <a href="#">Xerces-C++ 3.2.1</a> .
Apache	Apache Xerces-C++ 3.2.2	21.1.0.0.0	For a copy of the license, see <a href="#">Apache License Version 2</a> .
Applied Informatics Software Engineering GmbH	POCO C++ Libraries 1.7.7	12.3.0.1	For a copy of license, see <a href="#">POCO C++ Libraries</a> .
Applied Informatics Software Engineering GmbH	POCO C++ Libraries 1.9.0	18.1.0.0.0 19.1.0.0.0	For a copy of license, see <a href="#">POCO C++ Libraries</a> .
Applied Informatics Software Engineering GmbH	POCO C++ Libraries 1.9.4	21.1.0.0.0	For a copy of license, see <a href="#">POCO C++ Libraries</a> .
Baptiste Lepilleur	JsonCpp 1.6.2	12.3.0.1 18.1.0.0.0	For a copy of license, see <a href="#">JsonCpp</a> .
Boost Software	Boost C++ Libraries 1.59.0	12.3.0.1	For a copy of the license, see <a href="#">Boost C++ Libraries</a> .
Boost Software	Boost C++ Libraries 1.67.0	18.1.0.0.0 19.1.0.0.0	For a copy of the license, see <a href="#">Boost C++ Libraries</a> .
Boost Software	Boost C++ Libraries 1.73.0	21.1.0.0.0	
Cedric Beust	Jcommander 1.48	12.3.0.1	For a copy of license, see <a href="#">Jcommander</a> .
Cedric Beust	TestNG 6.9.10	18.1.0.0.0	For a copy of license, see <a href="#">TestNG</a> .
FairCom Corporation	C-tree Plus 8.x	11.1.1.1 11.2.1.0 12.1.2.0 12.2.0.1 12.3.0.1	For a copy of the license, see <a href="#">C-tree Plus</a> .

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FasterXML, LLC	Jackson 2.9.5	18.1.0.0.0	Jackson JSON-processor. Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi For a copy of the license, see <a href="#">Jackson JSON processor</a> .
FasterXML, LLC	jackson-core 2.9.7	19.1.0.0.0	Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi For a copy of the license, see <a href="#">Jackson JSON processor</a> .
IBM	ICU 56.1	12.2.0.1 12.2.0.2 12.3.0.1	For a copy of license, see <a href="#">ICU</a> .
Jean-loup Gailly and Mark Adler	Zlib Data Compression Library 1.2.11	12.2.0.1 12.2.0.2 12.3.0.1 18.1.0.0.0 19.1.0.0.0 21.1.0.0.0	For a copy of license, see <a href="#">Zlib Data Compression Library 1.2 .11</a> .
Johnny Shelly	BCrypt 1.1	11.1.1.1 11.2.1.0 12.1.2.0 12.2.0.1 12.3.0.1 18.1.0.0.0 19.1.0.0.0 21.1.0.0.0	Copyright © 2002 Johnny Shelley <jshelley@cahaus.com> For a copy of the license, see <a href="#">BCrypt</a> .

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Milo Yip	Rapid JSON 1.1.0	12.3.0.1 18.1.0.0.0 19.1.0.0.0 21.1.0.0.0	For a copy of license, see <a href="#">Rapid JSON</a> .
Modernizr	Modernizr 3.3.1	12.3.0.1	For a copy of license, see <a href="#">Modernizr</a> .
Modernizr	Modernizr 3.5.0	18.1.0.0.0 19.1.0.0.0	For a copy of license, see <a href="#">Modernizr</a> .
Modernizr	Modernizr 3.8.0	21.1.0.0.0	For a copy of license, see <a href="#">Modernizr</a> .
OpenLDAP	Lightning Memory-Mapped Database Manager (LMDB) 0.9.14	12.3.0.1	For a copy of license, see <a href="#">Lightning Memory-Mapped Database Manager (LMDB)</a> .
OpenLDAP	Lightning Memory-Mapped Database Manager (LMDB) 0.9.24	21.1.0.0.0	For a copy of license, see <a href="#">Lightning Memory-Mapped Database Manager (LMDB)</a> .

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OpenLDAP	Lightning Memory-Mapped Database Manager (LMDB) 0.9.70	18.1.0.0.0 19.1.0.0.0	For a copy of license, see <a href="#">Lightning Memory-Mapped Database Manager (LMDB)</a> .
Openssl.org	OpenSSL 1.1.0h	18.1.0.0.0	For a copy of license, see <a href="#">OpenSSL</a> .
Oracle	JavaScript Extension Toolkit (JET) 2.0.0	12.3.0.1	For a copy of license, see <a href="#">JavaScript Extension Toolkit (JET)</a> .

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Oracle	JavaScript Extension Toolkit (JET) 3.2.0	18.1.0.0.0	<p>Oracle JavaScript Extension Toolkit (JET) Developing Applications with Oracle JET, 3.2.0 E87539-01</p> <p>Copyright © 2014, 2017, Oracle and/or its affiliates. All rights reserved.</p> <p>Primary Author: Michele Whittaker</p> <p>Contributing Authors: Walter Egan, Vaibhav Z. Gupta, Sandhya Hombardi, Ayonee Sengupta</p> <p>This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.</p> <p>The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing. If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:</p> <p>U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.</p> <p>This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all</p>

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			Copyright 2010 RightTime, Inc.
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Sun Microsystems	OpenSSL 1.0.2j	12.2.0.1	For a copy of license, see <a href="#">OpenSSL</a> .
		12.2.0.2	
		12.3.0.1	
Unicode, Inc.	ICU 62.1	18.1.0.0.0	For a copy of license, see <a href="#">ICU</a> .
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## Oracle GoldenGate for BigData

A license to Oracle GoldenGate for Big Data includes the following components:

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- Oracle GoldenGate for Cassandra
- Oracle GoldenGate for Elasticsearch
- Oracle GoldenGate for Flat File
- Oracle GoldenGate for Google Cloud Platform

- Oracle GoldenGate for HBase
- Oracle GoldenGate for HDFS
- Oracle GoldenGate for Hive
- Oracle GoldenGate for Java
- Oracle GoldenGate for JDBC
- Oracle GoldenGate for JMS
- Oracle GoldenGate for Kafka
- Oracle GoldenGate for MongoDB
- Oracle GoldenGate for Microsoft Azure Cloud
- Oracle GoldenGate for Oracle Cloud Infrastructure
- Oracle GoldenGate for Oracle NoSQL

Restricted use: A license for Oracle Golden Gate for Big Data includes a restricted-use license to Oracle Stream Analytics. Use of Oracle Stream Analytics is restricted to process data coming from Oracle GoldenGate for Big Data.



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## Oracle GoldenGate Foundation Suite

Oracle GoldenGate Foundation Suite includes the following components:

- Oracle GoldenGate Studio
- Oracle GoldenGate Veridata (see [Oracle GoldenGate Veridata](#))
- Oracle Management Pack for Oracle Golden Gate (see [Oracle Management Pack for Oracle GoldenGate](#))

Prerequisite: A license to Oracle GoldenGate, Oracle GoldenGate for Non-Oracle Database or Oracle GoldenGate for Mainframe is a prerequisite to license and use Oracle GoldenGate Foundation Suite.

- [Third-Party Products and Details for Oracle GoldenGate Studio](#)
- [Oracle GoldenGate Veridata](#)
- [Oracle Management Pack for Oracle GoldenGate](#)

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FasterXML, LLC	jackson-databind 2.9.9	12.2.1.4.0	Copyright (c) 2019 Tatu Saloranta <tatu.saloranta@iki.fi> # Jackson JSON processor  Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.  It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.  For a copy of the license, see <a href="#">Apache License Version 2</a> .

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## Jackson

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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=== Knockout.js 3.4.0 ===

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## Zlib Data Compression Library 1.2 .11

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## Jackson JSON processor

Jackson JSON processor

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