

## Introduction

This Licensing Information document is a part of the product or program documentation under the terms of your Oracle services or license agreement and is intended to help you understand the program editions, entitlements, restrictions, prerequisites, special license rights, and/or separately licensed third party technology terms associated with the Oracle services or software program(s) covered by this document (the "Program(s)"). Entitled or restricted use products or components identified in this document that are not provided with the particular Program may be obtained from the applicable cloud service, the Oracle Software Delivery Cloud website (<https://edelivery.oracle.com>), or from media Oracle may provide. If you have a question about your rights and obligations, please contact your Oracle sales representative and/or contact the applicable Oracle License Management Services representative listed on <http://www.oracle.com/us/corporate/license-management-services/index.html>.

## Licensing Information

### Third-Party Notices and/or Licenses

#### Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Digital Assistant are identified in the following table along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or readme files of the individual third party software.

Provider	Component(s)	Licensing Information
Akash Kurdekar	string-similarity 3.0.0	<a href="https://github.com/Golapadeog/string-similarity">https://github.com/Golapadeog/string-similarity</a> MIT License
Aleksander Williams	dustjs 2.7.5	<a href="https://github.com/linkedin/dustjs">https://github.com/linkedin/dustjs</a> MIT License

Provider	Component(s)	Licensing Information
Apache Software Foundation	Kafka 0.11.0.3	<a href="https://kafka.apache.org/">https://kafka.apache.org/</a> Apache License 2.0
Apache Software Foundation	commons-logging 1.1.1	<a href="https://commons.apache.org/proper/commons-logging/">https://commons.apache.org/proper/commons-logging/</a> Apache License 2.0
Apache Software Foundation	Druid 0.18.1	<a href="https://druid.apache.org/">https://druid.apache.org/</a> Apache License 2.0
Atlas	Automatically Tuned Linear Algebra Software (ATLAS) 3.10.3	<a href="https://sourceforge.net/projects/math-atlas/">https://sourceforge.net/projects/math-atlas/</a> BSD License (BSD-3-Clause)
Atlassian	jira-rest-java-client 5.2.2	<a href="https://bitbucket.org/atlassian/jira-rest-java-client/src/master/">https://bitbucket.org/atlassian/jira-rest-java-client/src/master/</a> Apache License 2.0
Atlassian	jira-rest-java-client-core 5.2.2	<a href="https://mvnrepository.com/artifact/com.atlassian.jira/jira-rest-java-client-core">https://mvnrepository.com/artifact/com.atlassian.jira/jira-rest-java-client-core</a> Apache License 2.0
Ben Manes	caffeine 2.8.8	<a href="https://github.com/ben-manes/caffeine">https://github.com/ben-manes/caffeine</a> Apache License 2.0
Benjamin Peterson	six 1.12.0	<a href="https://github.com/benjaminp/six">https://github.com/benjaminp/six</a> MIT License
Chris Winberry	htmlparser2 3.10.1	<a href="https://www.npmjs.com/package/htmlparser2">https://www.npmjs.com/package/htmlparser2</a> MIT License
cmake	CMake 3.15.2	CMake - Cross Platform Makefile Generator <a href="#">BSD 3-Clause "New" or "Revised" License</a>
Connor Brinton	conveRT 1.0	<a href="https://github.com/connorbrinton/polyai-models/releases">https://github.com/connorbrinton/polyai-models/releases</a> Apache License 2.0
Dalton Cherry	Starscream 4.0.0	<a href="https://github.com/daltoniam/Starscream">https://github.com/daltoniam/Starscream</a> Apache License 2.0
Daniel (Shijun) Qian	kafka_exporter	<a href="https://github.com/danielqsj/kafka_exporter">https://github.com/danielqsj/kafka_exporter</a> Apache License 2.0
Daniel Blanchard	chardet 3.0.4-388501a	<a href="https://github.com/chardet/chardet">https://github.com/chardet/chardet</a> GNU Lesser General Public License v2.1
David Yu	protostuff 1.6.1	<a href="https://github.com/protostuff/protostuff">https://github.com/protostuff/protostuff</a> Apache License 2.0
ExplosionAI GmbH	en_core_web_lg	<a href="https://github.com/explosion/spacy-models/blob/master/meta/en_core_web_lg-2.2.5.json">https://github.com/explosion/spacy-models/blob/master/meta/en_core_web_lg-2.2.5.json</a> MIT License
ExplosionAI GmbH	en_core_web_md	<a href="https://github.com/explosion/spacy-models/blob/master/meta/en_core_web_md-2.2.5.json">https://github.com/explosion/spacy-models/blob/master/meta/en_core_web_md-2.2.5.json</a> MIT License

Provider	Component(s)	Licensing Information
ExplosionAI GmbH	en_core_web_sm	<a href="https://github.com/explosion/spacy-models/blob/master/meta/en_core_web_sm-2.2.5.json">https://github.com/explosion/spacy-models/blob/master/meta/en_core_web_sm-2.2.5.json</a> MIT License
ExplosionAI GmbH	Cython bindings for MurmurHash2 1.0.2	<a href="https://github.com/explosion/murmurhash">https://github.com/explosion/murmurhash</a> MIT License
ExplosionAI UG	cymem 2.0.3	<a href="https://github.com/explosion/cymem">https://github.com/explosion/cymem</a> MIT License
ExplosionAI UG	catalogue 1.0.0	<a href="https://github.com/explosion/catalogue">https://github.com/explosion/catalogue</a> MIT License
Facebook	laserembeddings 1.1.0	<a href="https://github.com/yannnvg/laserembeddings">https://github.com/yannnvg/laserembeddings</a> BSD License (BSD-3-Clause)
Facebook	detr a54b778	<a href="https://github.com/facebookresearch/detr">https://github.com/facebookresearch/detr</a> Apache License 2.0
Facebook	detectron2 601e706	<a href="https://github.com/facebookresearch/detectron2">https://github.com/facebookresearch/detectron2</a> Apache License 2.0
Facebook	FastText 0.9.1	<a href="https://github.com/facebookresearch/fastText/">https://github.com/facebookresearch/fastText/</a> MIT License
Facebook, Inc. and its affiliates	LASER 2020-10-21	<a href="https://github.com/facebookresearch/LASER">https://github.com/facebookresearch/LASER</a> BSD 3-Clause "New" or "Revised" License
FasterXML, LLC	jackson-dataformat-csv 2.9.10	<a href="https://mvnrepository.com/artifact/com.fasterxml.jackson.dataformat/jackson-dataformat-csv/2.9.10">https://mvnrepository.com/artifact/com.fasterxml.jackson.dataformat/jackson-dataformat-csv/2.9.10</a> Apache License 2.0
Felix Böhm	css-select 2.0.2	<a href="https://github.com/fb55/css-select">https://github.com/fb55/css-select</a> BSD 2-Clause "Simplified" License
Free Software Foundation	PKE 3.0	<a href="https://github.com/boudinfl/pke">https://github.com/boudinfl/pke</a> GNU General Public License v3.0
Free Software Foundation	tatoeba2 cd1a87e	<a href="https://github.com/Tatoeba/tatoeba2">https://github.com/Tatoeba/tatoeba2</a> GNU General Public License v3.0
Free Software Foundation	tatoeba2 a73de69 - May 29 2019	<a href="https://github.com/Tatoeba/tatoeba2">https://github.com/Tatoeba/tatoeba2</a> GNU General Public License v3.0
Github.com	dateformat 3.0.3	<a href="https://www.npmjs.com/package/dateformat">https://www.npmjs.com/package/dateformat</a> MIT License
Glen Smith	Opencsv	<a href="http://opencsv.sourceforge.net/licenses.html">http://opencsv.sourceforge.net/licenses.html</a> Apache License 2.0
Google	BERT cc7051d	<a href="https://github.com/google-research/bert">https://github.com/google-research/bert</a> Apache License 2.0
Google	BERT d66a146	<a href="https://github.com/google-research/bert">https://github.com/google-research/bert</a> Apache License 2.0

Provider	Component(s)	Licensing Information
Google	jib 0.12.0-core	<a href="https://github.com/GoogleContainerTools/jib">https://github.com/GoogleContainerTools/jib</a> Apache License 2.0
Google	Multilingual T5 4c4c709	<a href="https://github.com/google-research/multilingual-t5">https://github.com/google-research/multilingual-t5</a> Apache License 2.0
Google	openFST 1.3.3	<a href="http://www.openfst.org/twiki/bin/view/FST/WebHome">http://www.openfst.org/twiki/bin/view/FST/WebHome</a> Apache License 2.0
Google	openFST 1.7.3	<a href="http://www.openfst.org/twiki/bin/view/FST/WebHome">http://www.openfst.org/twiki/bin/view/FST/WebHome</a> Apache License 2.0
Google	TensorFlow Hub 0.4	<a href="https://github.com/tensorflow/hub">https://github.com/tensorflow/hub</a> Apache License 2.0
Google	TensorFlow Serving 1.12.3	<a href="https://github.com/tensorflow/serving">https://github.com/tensorflow/serving</a> Apache License 2.0
Google	TensorFlow Serving 1.14.0	<a href="https://github.com/tensorflow/serving">https://github.com/tensorflow/serving</a> Apache License 2.0
Google	Universal Sentence Encoder Large 2.0	<a href="https://tfhub.dev/google/universal-sentence-encoder-large/2">https://tfhub.dev/google/universal-sentence-encoder-large/2</a> Apache License 2.0
Google	Universal Sentence Encoder Large 3.0	<a href="https://tfhub.dev/google/universal-sentence-encoder-large/3">https://tfhub.dev/google/universal-sentence-encoder-large/3</a> Apache License 2.0
imageio developers	imageio 2.8.0	<a href="https://github.com/imageio/imageio">https://github.com/imageio/imageio</a> BSD License (BSD-2-Clause)
Ivan Nikulin	parse5 5.1.0	<a href="https://www.npmjs.com/package/parse5">https://www.npmjs.com/package/parse5</a> MIT License
joblib Developers	joblib 0.14.1	<a href="https://github.com/joblib/joblib">https://github.com/joblib/joblib</a> BSD 3-Clause "New" or "Revised" License
Jonathan Ong	body-parser 1.18.3	<a href="https://www.npmjs.com/package/body-parser">https://www.npmjs.com/package/body-parser</a> MIT License
JS Foundation and other contributors	lodash 4.17.11	<a href="https://github.com/lodash/lodash">https://github.com/lodash/lodash</a> MIT License
Jupyter Development Team	Jupyter 5.5.0	<a href="https://jupyter.org/">https://jupyter.org/</a> The 3-Clause BSD License
katspaugh	wavesurfer 4.4.0	<a href="https://www.npmjs.com/package/wavesurfer.js">https://www.npmjs.com/package/wavesurfer.js</a> The 3-Clause BSD License
Kenneth Owens	kubernetes- zookeeper 1.0-3.4.10	<a href="https://zookeeper.apache.org/">https://zookeeper.apache.org/</a> Apache License 2.0

Provider	Component(s)	Licensing Information
Kenneth Owens	kubernetes-kafka 0c7a759 commit 0.11.0.2	<a href="https://github.com/kow3ns/kubernetes-kafka">https://github.com/kow3ns/kubernetes-kafka</a> Apache License 2.0
Kenneth Reitz	certifi 2019.11.28	<a href="https://github.com/certifi/python-certifi">https://github.com/certifi/python-certifi</a> Mozilla Public License 2.0
Kenneth Reitz	requests 2.22.0	<a href="https://github.com/psf/requests">https://github.com/psf/requests</a> Apache License 2.0
Kim Davies	idna 2.9	<a href="https://pypi.org/project/idna/">https://pypi.org/project/idna/</a> BSD License (BSD-3-Clause)
Kubernetes	node-problem- detector 0.8.1	<a href="https://github.com/kubernetes/node-problem-detector">https://github.com/kubernetes/node-problem-detector</a> Apache License 2.0
Marco Tulio Correia Ribeiro	Anchor 0.4.0	<a href="https://pypi.org/project/anchor/">https://pypi.org/project/anchor/</a> Apache License 2.0
Marco Tulio Correia Ribeiro	Anchor-exp 0.0.10	<a href="https://github.com/marcotcr/anchor">https://github.com/marcotcr/anchor</a> BSD 2-Clause "Simplified" License
Marco Tulio Correia Ribeiro	lime 0.1.1.36	<a href="https://github.com/marcotcr/lime">https://github.com/marcotcr/lime</a> BSD 2-Clause "Simplified" License
Marco Tulio Correia Ribeiro	lime 0.1.1.37	<a href="https://github.com/marcotcr/lime">https://github.com/marcotcr/lime</a> BSD 2-Clause "Simplified" License
Matt Mueller	cheerio 1.0.0	<a href="https://www.npmjs.com/package/cheerio">https://www.npmjs.com/package/cheerio</a> MIT License
Megvii Technology	BorderDet b0071e4	<a href="https://github.com/Megvii-BaseDetection/BorderDet">https://github.com/Megvii-BaseDetection/BorderDet</a> Apache License 2.0
Michael Waskom	seaborn 0.8.1	<a href="https://github.com/mwaskom/seaborn/tree/v0.8.1/">https://github.com/mwaskom/seaborn/tree/v0.8.1/</a> BSD 3-Clause "New" or "Revised" License
Michele Simionato	Decorator 4.4.2	<a href="https://github.com/micheles/decorator">https://github.com/micheles/decorator</a> BSD 2-Clause "Simplified" License
Mikeal Rogers	request 2.88.0	<a href="https://www.npmjs.com/package/request/v/2.88.0">https://www.npmjs.com/package/request/v/2.88.0</a> Apache License 2.0
Németh László	hunspell 1.7.0	<a href="https://github.com/hunspell/hunspell">https://github.com/hunspell/hunspell</a> Multiple Licenses, including GNU General Public License, version 2
Nvidia Corporation	Tensorflow- determinism 0.2.0	<a href="https://github.com/NVIDIA/framework-determinism">https://github.com/NVIDIA/framework-determinism</a> Apache License 2.0
OpenBLAS Project	OpenBLAS 0.3.6	<a href="https://github.com/xianyi/OpenBLAS">https://github.com/xianyi/OpenBLAS</a> BSD 3-Clause "New" or "Revised" License
Oracle	JET 8.1.0	<a href="https://github.com/oracle/oraclejet">https://github.com/oracle/oraclejet</a> UPL The Universal Permissive License (UPL), Version 1.0

Provider	Component(s)	Licensing Information
Paul McGuire	pyparsing 2.4.6	<a href="https://github.com/pyparsing/pyparsing/">https://github.com/pyparsing/pyparsing/</a> MIT License
project-deepform	deepform e6e1ff5	<a href="https://github.com/project-deepform/deepform">https://github.com/project-deepform/deepform</a> MIT License
Python Software Foundation	Python 3.6.8	<a href="https://www.python.org/downloads/release/python-368/">https://www.python.org/downloads/release/python-368/</a> Multiple Licenses
Python Software Foundation	python-dateutil 2.8.1	<a href="https://dateutil.readthedocs.io/en/stable/">https://dateutil.readthedocs.io/en/stable/</a> 3-Clause BSD License and Apache License 2.0
Samuel Colvin	pydantic 1.5	<a href="https://github.com/samuelcolvin/pydantic">https://github.com/samuelcolvin/pydantic</a> MIT License
Solly Ross	k8s-prometheus-adapter 0.7.0	<a href="https://github.com/kubernetes-sigs/prometheus-adapter">https://github.com/kubernetes-sigs/prometheus-adapter</a> Apache License 2.0
Spotify AB	completable-futures 0.3.2	<a href="https://mvnrepository.com/artifact/com.spotify/completable-futures/0.3.2">https://mvnrepository.com/artifact/com.spotify/completable-futures/0.3.2</a> Apache License 2.0
Steven Bird	nltk 3.4.4	<a href="https://pypi.org/project/nltk/">https://pypi.org/project/nltk/</a> Apache License 2.0
Steven Bird	nltk 3.5	<a href="https://pypi.org/project/nltk/">https://pypi.org/project/nltk/</a> Apache License 2.0
TALSMA ICT	context-propagation 2020-10-30	<a href="https://github.com/talsma-ict/context-propagation">https://github.com/talsma-ict/context-propagation</a> Apache License 2.0
Taylor Hakes	promise-polyfill 8.1.3	<a href="https://www.npmjs.com/package/promise-polyfill/v/8.1.3">https://www.npmjs.com/package/promise-polyfill/v/8.1.3</a> MIT License
Taylor Hakes	fecha 4.20	<a href="https://github.com/taylorhakes/fecha">https://github.com/taylorhakes/fecha</a> MIT License
The Nucleic Development Team	kiwisolver 1.1.0	<a href="https://pypi.org/project/kiwisolver/">https://pypi.org/project/kiwisolver/</a> BSD 3-Clause "New" or "Revised" License
The Pallets Team	flask 1.0.2	<a href="https://palletsprojects.com/p/flask/">https://palletsprojects.com/p/flask/</a> BSD 3-Clause License
The Pallets Team	flask 1.1.1	<a href="https://palletsprojects.com/p/flask/">https://palletsprojects.com/p/flask/</a> BSD 3-Clause License
The Prometheus Authors	Blackbox Exporter 0.12.0	<a href="https://github.com/prometheus/blackbox_exporter/">https://github.com/prometheus/blackbox_exporter/</a> Apache License 2.0
The Prometheus Authors	Prometheus AlertManager 0.14.0	<a href="https://github.com/prometheus/alertmanager">https://github.com/prometheus/alertmanager</a> Apache License 2.0
The PyData Development Team	Pandas 0.24.1	<a href="https://github.com/pandas-dev/pandas">https://github.com/pandas-dev/pandas</a> BSD 3-Clause "New" or "Revised" License

Provider	Component(s)	Licensing Information
The TensorFlow Authors	TensorFlow 2.0	<a href="https://github.com/tensorflow/tensorflow">https://github.com/tensorflow/tensorflow</a> Apache License 2.0
The TensorFlow Authors	TensorFlow 2.2.0	<a href="https://github.com/tensorflow/tensorflow">https://github.com/tensorflow/tensorflow</a> Apache License 2.0
The Unicode Consortium	ICU4J 68.2	<a href="https://mvnrepository.com/artifact/com.ibm.icu/icu4j/68.2">https://mvnrepository.com/artifact/com.ibm.icu/icu4j/68.2</a> Multiple Licenses
The University of Texas at Austin	blis 0.4.1	<a href="https://github.com/explosion/cython-blis">https://github.com/explosion/cython-blis</a> BSD 3-Clause "New" or "Revised" License
The University of Texas at Austin	blis 2.1	<a href="https://github.com/explosion/cython-blis">https://github.com/explosion/cython-blis</a> BSD 3-Clause "New" or "Revised" License
Tim Wood, Iskren Chernev, Moment.js contributors	Moment.js 2.24.0	<a href="https://www.npmjs.com/package/moment/v/2.24.0">https://www.npmjs.com/package/moment/v/2.24.0</a> MIT License
Tomitribe	http-signatures-java 2020 9 29	<a href="https://github.com/tomitribe/http-signatures-java">https://github.com/tomitribe/http-signatures-java</a> Apache License 2.0
Twilio Inc.	python-flask-restful 0.3.7	<a href="https://github.com/flask-restful/flask-restful/">https://github.com/flask-restful/flask-restful/</a> BSD 3-Clause "New" or "Revised" License
ultralytics	yolov5 404749a	<a href="https://github.com/ultralytics/yolov5">https://github.com/ultralytics/yolov5</a> GNU General Public License v3.0
Universal Speech Solutions LLC	unimrcp 1.7.0	<a href="http://www.unimrcp.org/">http://www.unimrcp.org/</a> Apache License 2.0
Unknown	entities 1.1.2	<a href="https://www.npmjs.com/package/entities/v/1.1.2">https://www.npmjs.com/package/entities/v/1.1.2</a> BSD 2-Clause "Simplified" License
Unknown	file-type 10.11.0	<a href="https://www.npmjs.com/package/file-type/v/10.11.0">https://www.npmjs.com/package/file-type/v/10.11.0</a> MIT License
Vassil Panayotov	kaldi 1e49578	<a href="https://github.com/kaldi-asr/kaldi">https://github.com/kaldi-asr/kaldi</a> Apache License 2.0
Vladimir Bukhtoyarov	bucket4j 4.10.0	<a href="https://github.com/vladimir-bukhtoyarov/bucket4j">https://github.com/vladimir-bukhtoyarov/bucket4j</a> Apache License 2.0
Volvox Development Team	termcolor 1.1.0	<a href="https://pypi.org/project/termcolor/">https://pypi.org/project/termcolor/</a> MIT License
Wanasit Tanakitrungruang	Chrono 1.3.11	<a href="https://www.npmjs.com/package/chrono-node">https://www.npmjs.com/package/chrono-node</a> MIT License
Xiph.Org Foundation	speex 1.2.0	<a href="https://www.speex.org/">https://www.speex.org/</a> BSD 3-Clause "New" or "Revised" License

## Commonly-Used Open Source Licenses

For convenience, here is the text of some of the commonly-used open source licenses.

## Apache License, Version 2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code



control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

## MIT License

Text of the MIT License (MIT)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the

Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE 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>.

## Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

---

Oracle® Cloud Licensing Information User Manual for Oracle Digital Assistant,  
F40143-01

Copyright © 2021, Oracle and/or its affiliates. All rights reserved.

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.

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:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software" or "commercial computer software documentation" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

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 appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.