

Vertiv™ Global Human Machine Interface (GHMI)

Open-Source Software Notice

For the Vertiv™ Liebert® TFX, Vertiv™ Liebert® PDUs, Vertiv™ Liebert® PPC, Vertiv™ Liebert RXV, and Vertiv™ Liebert® RXA Cabinets

SEPTEMBER 2025

Section Outline

1. Overview
2. Open-Source Application Listings
3. Open-Source License Terms and Conditions

1. Overview

This Software Notice provides a listing of the open-source software components provided with the Vertiv™ GHMI. All open-source software is subject to the terms and conditions of its applicable license.

2. Open-Source Application Listings

The following table lists the open-source software licenses as well as the components of each.

Vertiv™ GHMI Licenses and Components

LICENSE	COMPONENTS			
Adobe	hmifonts			
AFL-2 GPLv2+	libdbus-glib-1-2	dbus-1	libdbus-1-3	
Artistic-1.0 GPL-1.0+	libperl5	perl		
BSD	screenshot	xinetd	tcpdump	strace
	cpuloadgen	openssh	openssh-keygen	openssh-scp
	openssh-ssh	openssh-sshd	libpcap1	
BSD Artistic-1.0	shadow			
BSD-2-Clause	iperf	libtiff5		
BSD-3-Clause	libjpeg8			
BSD GPLv2	libcap2			
BSD LGPLv2+ GPL-2.0	qtwebkit	qtwebkit-qmlplugins		
FreeType GPLv2+	libfreetype6			

LICENSE	COMPONENTS			
GFDL-1.3 LGPL-2.1 GPL-3.0	qtsystems	qtsystems-qmlplugins	qtsystems-tools	
	qtbase-fonts	qtbase-fonts-pfa	qtbase	
	qtbase-fonts-pfb	qtbase-fonts-qpf	qtbase-fonts-ttf-dejavu	
	qtbase-fonts-ttf-vera	qtbase-plugins	qtbase-tools	
	libqt5serialport5			
GFDL-1.3 LGPL-2.1 LGPL-3.0 GPL-2.0	libqt5xmlpatterns5	libqt5svg-plugins	libqt5svg5	libqt5sensors5
	qtscript	qtquickcontrols-qmlplugins	libqt5declarative-qmlplugins	libqt5declarative-tools
	libqt5declarative5	qtmultimedia	qtmultimedia-plugins	qtmultimedia-qmlplugins
	qtlocation	qtlocation-plugins	qtlocation-qmlplugins	qtimageformats-plugins
	qtgraphicaleffects-qmlplugins	qtdeclarative	qtdeclarative-plugins	
	qtdeclarative-tools	qtdeclarative-qmlplugins	qtconnectivity-qmlplugins	
	qtconnectivity			
GFDL-1.3 LGPL-2.1 DIGIA-TPLA-2.4 GPL-3.0	qt3d	qt3d-qmlplugins	qt3d-tools	
GPLv2	update-modules	ttf-tlwg	sysvinit-inittab	rrdtool
	powertop	netbase	omap3-sgx-modules	memtester
	kernel-3.12.10-bspv2.01t013.12-am335xpsp	kernel-image-3.12.10-bspv2.01t013.12-am335xpsp	kernel-module-configfs	kernel-module-g-mass-storage
	kernel-module-libcomposite	kernel-module-musb-am335x	kernel-module-musb-dsps	kernel-module-musb-hdrc
	kernel-module-usb-f-mass-storage	fbset	i2c-tools	
	initscripts	e2fsprogs-badblocks	liberation-fonts	
	canutils			
GPLv2 bzip2	busybox	busybox-syslog	busybox-udhcpc	

LICENSE	COMPONENTS			
GPLv2 GPLv2+ BSD	valgrind			
GPLv2 GPLv3 LGPLv2 LGPLv3	gdb gdbserver			
GPLv2 LGPLv2 BSD MIT	e2fsprogs libcom-err2			
	libe2p2 libe2p2			
	libss2			
GPLv2+	usbutils	usbutils-ids	update-rc.d	u-boot-fw-utils
	sysvinit	psplash	psplash-default	sysvinit-pidof
	net-tools	libpci3	pciutils	pciutils-ids
	mtd-utils	liblzo2-2	lrzsz	libsamplerate0
	iproute2	devmem2	base-passwd	alsa-utils
	alsa-utils-aconnect	alsa-utils-alsaconf	alsa-utils-alsactl	alsa-utils-alsaloop
	alsa-utils-alsamixer	alsa-utils-alsaucm	alsa-utils-amixer	alsa-utils-aplay
	alsa-utils-aseqdump	alsa-utils-aseqnet	alsa-utils-iecset	alsa-utils-midi
	alsa-utils-speakertest			
GPLv2+ GPLv3+ LGPLv2.1+	liblzma5			
GPLv2+ LGPLv2+	gst-plugins-base	gst-plugins-base-apps		
GPLv2+ LGPLv2.1+	gst-plugins-good	bluez4		
GPLv2+ LGPLv2.1+ BSD	libblkid1	libuuid1	util-linux	util-linux-agetty
	util-linux-cfdisk	util-linux-fdisk	util-linux-losetup	util-linux-mkfs
	util-linux-mount	util-linux-sfdisk	util-linux-swaponoff	util-linux-umount
GPLv2.0+	udev			
GPL-2.0+ LGPL-2.1+	kmod			
GPL-2.0+ MPL-2.0	ca-certificates			
GPLv3	wget	dosfstools		

LICENSE	COMPONENTS			
GPLv3+	bash	libreadline6		
ICU	icu	libcudata53	libcui18n53	
	libicutu53	libicuuc53		
	libcuio53			
ISC	dhcp-client	dhcp-relay		
ISC BSD	cronie			
LGPLv2	libts-1.0-0	tslib-calibrat	tslib-conf	tslib-tests
LGPLv2+	polkit	gststreamer	gconf	
LGPLv2+ BSD PD	libglib-2.0-0			
LGPLv2.0+	pango	pango-module-basic-fc	pango-module-basic-x	
LGPLv2.1	libsocketcan2	libsndfile1		
LGPLv2.1 GPLv2+	alsa-conf	alsa-conf-base		
	libasound2	alsa-server		
	alsa-lib			
LGPLv2.1+	libusb-0.1-4	libusb-1.0-0	libudev0	libkmod2
LGPLv3	libiconv			
Libpng	libpng16-16			
MIT	alsa-state	alsa-states	basefiles-sysvinit	basefiles-sysvinit-mininit
	glibc	glibc-extra-nss	libgcc-s1	libstdc++6
	libexpat1	fbset-modes	udev-extraconf	libffi6
	libdrm2	libxslt	libxml2	libxft2
	libxcb-render0	libxcb-shm0	libxcb1	libform5
	libmenu5	libncurses5	libncursesw5	libpanel5
	libtinfo5	ncurses-terminfo-base		
	pointercal	run-postinsts		

LICENSE	COMPONENTS			
MIT (continued)	shadow-securetty			
MIT-style	libxrender1	libxfixed3		
	libxext6	libxdmcp6		
	libxau6			
MIT-style MIT PD	fontconfig-utils	libfontconfig1		
MIT MIT-style BSD	libx11-6			
MIT MIT-style PD	libpixmap-1-0			
MPL-1 LGPLv2.1	libcairo2			
NTP	ntp	ntp-tickadj	ntpdate	
OFL-1.1	ttf-lohit	source-han-sans-cn-fonts		
openssl	libcrypto1.0.0	libssl1.0.0	openssl	openssl-conf
PD	libsqlite3-0	sqlite3	tzdata	tzdata-africa
	tzdata-americas	tzdata-antarctica	tzdata-arctic	tzdata-asia
	tzdata-atlantic	tzdata-australia	tzdata-europe	
	tzdata-pacific	tzdata-posix	tzdata-misc	
	tzdata-right			
PSFv2	libpython2.7-1.0	python-core		
	python-lang	python-re		
	python-readline			
Zlib	libz1			

3. Open-Source License Terms and Conditions

Specific open-source license content (including terms and conditions) are listed in this section.

Adobe Font License Information

Copyright (C) 2022 Adobe Inc. All rights reserved. (<https://www.adobe.com>)

The Adobe Fonts Service Additional Terms ("Additional Terms") govern the use of the Adobe Fonts service and are incorporated by reference into the Adobe General Terms of Use ("General Terms"). For more information, see the entire Additional Terms license information ([The Adobe Fonts Service Additional Terms](#)) and the full Adobe General Terms license information (www.adobe.com/go/terms).

AFL-2 (The Academic Free License v2.0) License Information

Copyright (C) 2003 Lawrence E. Rosen. All rights reserved.

This Academic Free License (the "License") applies to any original work of authorship (the "Original Work") whose owner (the "Licensor") has placed the following notice immediately following the copyright notice for the Original Work:

Licensed under the Academic Free License version 2.0

- 1) Grant of Copyright License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license to do the following:
 - a) to reproduce the Original Work in copies;
 - b) to prepare derivative works ("Derivative Works") based upon the Original Work;
 - c) to distribute copies of the Original Work and Derivative Works to the public;
 - d) to perform the Original Work publicly; and
 - e) to display the Original Work publicly.
- 2) Grant of Patent License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license, under patent claims owned or controlled by the Licensor that are embodied in the Original Work as furnished by the Licensor, to make, use, sell and offer for sale the Original Work and Derivative Works.
- 3) Grant of Source Code License. The term "Source Code" means the preferred form of the Original Work for making modifications to it and all available documentation describing how to modify the Original Work. Licensor hereby agrees to provide a machine-readable copy of the Source Code of the Original Work along with each copy of the Original Work that Licensor distributes. Licensor reserves the right to satisfy this obligation by placing a machine-readable copy of the Source Code in an information repository reasonably calculated to permit inexpensive and convenient access by You for as long as Licensor continues to distribute the Original Work, and by publishing the address of that information repository in a notice immediately following the copyright notice that applies to the Original Work.
- 4) Exclusions From License Grant. Neither the names of Licensor, nor the names of any contributors to the Original Work, nor any of their trademarks or service marks, may be used to endorse or promote products derived from this Original Work without express prior written permission of the Licensor. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor except as expressly stated herein. No patent license is granted to make, use, sell or offer to sell embodiments of any patent claims other than the licensed claims defined in Section 2. No right is granted to the trademarks of Licensor even if such marks are included in the Original Work. Nothing in this License shall be interpreted to prohibit Licensor from licensing under different terms from this License any Original Work that Licensor otherwise would have a right to license.
- 5) This section intentionally omitted.
- 6) Attribution Rights. You must retain, in the Source Code of any Derivative Works that You create, all copyright, patent or trademark notices from the Source Code of the Original Work, as well as any notices of licensing and any descriptive text identified therein as an "Attribution Notice." You must cause the Source Code for any Derivative Works that You create to carry a prominent Attribution Notice reasonably calculated to inform recipients that You have modified the Original Work.
- 7) Warranty of Provenance and Disclaimer of Warranty. Licensor warrants that the copyright in and to the Original Work and the patent rights granted herein by Licensor are owned by the Licensor or are sublicensed to You under the terms of this License with the permission of the contributor(s) of those copyrights and patent rights. Except as expressly stated in the immediately preceding sentence, the Original Work is provided under this License on an "AS IS" BASIS and WITHOUT WARRANTY, either express or implied, including, without limitation, the warranties of NON-INFRINGEMENT, MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY OF THE ORIGINAL WORK IS WITH YOU.

This DISCLAIMER OF WARRANTY constitutes an essential part of this License. No license to Original Work is granted hereunder except under this disclaimer.

8) Limitation of Liability. Under no circumstances and under no legal theory, whether in tort (including negligence), contract, or otherwise, shall the Licensor be liable to any person for any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or the use of the Original Work including, without limitation, damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses. This limitation of liability shall not apply to liability for death or personal injury resulting from Licensor's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

9) Acceptance and Termination. If You distribute copies of the Original Work or a Derivative Work, You must make a reasonable effort under the circumstances to obtain the express assent of recipients to the terms of this License. Nothing else but this License (or another written agreement between Licensor and You) grants You permission to create Derivative Works based upon the Original Work or to exercise any of the rights granted in Section 1 herein, and any attempt to do so except under the terms of this License (or another written agreement between Licensor and You) is expressly prohibited by U.S. copyright law, the equivalent laws of other countries, and by international treaty. Therefore, by exercising any of the rights granted to You in Section 1 herein, You indicate Your acceptance of this License and all of its terms and conditions.

10) Termination for Patent Action. This License shall terminate automatically and You may no longer exercise any of the rights granted to You by this License as of the date You commence an action, including a cross-claim or counterclaim, for patent infringement (i) against Licensor with respect to a patent applicable to software or (ii) against any entity with respect to a patent applicable to the Original Work (but excluding combinations of the Original Work with other software or hardware).

11) Jurisdiction, Venue and Governing Law. Any action or suit relating to this License may be brought only in the courts of a jurisdiction wherein the Licensor resides or in which Licensor conducts its primary business, and under the laws of that jurisdiction excluding its conflict-of-law provisions. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any use of the Original Work outside the scope of this License or after its termination shall be subject to the requirements and penalties of the U.S. Copyright Act, 17 U.S.C. 101 et seq., the equivalent laws of other countries, and international treaty. This section shall survive the termination of this License.

12) Attorneys Fees. In any action to enforce the terms of this License or seeking damages relating thereto, the prevailing party shall be entitled to recover its costs and expenses, including, without limitation, reasonable attorneys' fees and costs incurred in connection with such action, including any appeal of such action. This section shall survive the termination of this License.

13) Miscellaneous. This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.

14) Definition of "You" in This License. "You" throughout this License, whether in upper or lower case, means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with you. For 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.

15) Right to Use. You may use the Original Work in all ways not otherwise restricted or conditioned by this License or by law, and Licensor promises not to interfere with or be responsible for such uses by You.

Artistic-1.0 ("The Artistic License") License Information

Copyright (C) The Perl Foundation. All rights reserved.

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

- "Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.
- "Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder.
- "Copyright Holder" is whoever is named in the copyright or copyrights for the package.
- "You" is you, if you're thinking about copying or distributing this Package.
- "Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

- "Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.
1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
 2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
 3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
 - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as ftp.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
 - b) use the modified Package only within your corporation or organization.
 - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
 - d) make other distribution arrangements with the Copyright Holder.
 4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
 - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
 - b) accompany the distribution with the machine-readable source of the Package with your modifications.
 - c) accompany any non-standard executables with their corresponding Standard Version executables, giving the non-standard executables non-standard names, and clearly documenting the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
 - d) make other distribution arrangements with the Copyright Holder.
 5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own.
 6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whomever generated them, and may be sold commercially, and may be aggregated with this Package.
 7. C or perl subroutines supplied by you and linked into this Package shall not be considered part of this Package.
 8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
 9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
 10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

BSD (The 4-Clause/Original BSD) License Information

The 4-Clause BSD License. Copyright (C) 2025, Vertiv Group Corp. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: This product includes software developed by [project].
4. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BSD3 (The 3-Clause BSD/BSD-3-Clause) License Information

The 3-Clause BSD License. Copyright (C) 2025, Vertiv Group Corp. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BSD2 (The 2-Clause BSD/BSD-2-Clause) License Information

The 2-Clause BSD License. Copyright (C) 2025, Vertiv Group Corp. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BSD-1-Clause License Information

The 1-Clause BSD License. Copyright (C) 2025, Vertiv Group Corp. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following condition is met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

bzip2 License Information

The bzip2 License. Copyright (C) 1996-2010. Julian R Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgement in the product documentation would be appreciated, but is not required.
3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

DIGIA-TPLA-2.4 (Technology Preview License Agreement) License Information

Copyright (C) 2023 Digia USA, Inc. All rights reserved.

This Technology Preview License Agreement ("Agreement") is a legal agreement between Digia USA, Inc. ("Digia"), with its registered office at 2350 Mission College Blvd., Suite 1020, Santa Clara, California 95054 U.S.A and you (either an individual or legal entity) ("Licensee") for the Licensed Software. Please see the Licensed Software (DIGIA-TPLA-2.4) full definition and terms available here: [Technology Preview License Agreement](#)

FreeType Project License Information

Portions of this software are copyright (C) 2023, The FreeType Project (www.freetype.org). All rights reserved.

Legal Terms

0. Definitions

Throughout this license, the terms 'package', 'FreeType Project', and 'FreeType archive' refer to the set of files originally distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the 'FreeType Project', be they named as alpha, beta or final release.

'You' refers to the licensee, or person using the project, where 'using' is a generic term including compiling the project's source code as well as linking it to form a 'program' or 'executable'. This program is referred to as 'a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive. If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

1. No Warranty

THE FREETYPE PROJECT IS PROVIDED 'AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

2. Redistribution

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

- Redistribution of source code must retain this license file ('FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files.
- Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

3. Advertising

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: 'FreeType Project', 'FreeType Engine', 'FreeType library', or 'FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it. Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

4. Contacts

There are two mailing lists related to FreeType:

- freetype@nongnu.org
Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.
- freetype-devel@nongnu.org
Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at <http://www.freetype.org>

GFDL-1.3 (GNU Free Documentation License v1.3) License Information

Version 1.3: Copyright (C) 2000-2002, 2007-2008 Free Software Foundation, Inc. All rights reserved. (<http://fsf.org/>)

Everyone is permitted to copy and distribute verbatim copies of the license document, but changing it is not allowed. For more information, see the entire GNU Free Documentation License in full here: [GNU Free Documentation License v1.3 - GNU Project - Free Software Foundation](#)

GNU GPL License Information (Multiple Versions)

Version 1 (GPL-1.0+): Copyright (C) 1989, Free Software Foundation, Inc. All rights reserved. (<http://fsf.org/>)

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 1 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. For more information, see the entire GNU General Public License in full here: <https://www.gnu.org/licenses/old-licenses/gpl-1.0.en.html>

Version 2 (GPLv2, GPLv2.0, GPLv2+, GPL-2.0+, GPLv2.0+): Copyright (C) June 1991, Free Software Foundation, Inc. All rights reserved. (<http://fsf.org/>)

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 2 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. For more information, see the entire GNU General Public License in full here: <https://www.gnu.org/licenses/gpl-2.0.en.html>

Version 3 (GPLv3, GPL-3.0, GPLv3+, GPL-3.0+): Copyright (C) 29 June 2007, Free Software Foundation, Inc. All rights reserved. (<http://fsf.org/>)

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. For more information, see the entire GNU General Public License in full here: <https://www.gnu.org/licenses/gpl-3.0.en.html>

GPL-2.0+-with-OpenSSL-exception: Copyright 1989, 1991, Free Software Foundation, Inc. All rights reserved.

In addition, as a special exception, the copyright holder gives permission to link the code of this program with any version of the OpenSSL library which is distributed under a license identical to that listed in the included COPYING.OpenSSL file, and distribute linked combinations including the two. You must obey the GNU General Public License in all respects for all of the code used other than OpenSSL. If you modify this file, you may extend this exception to your version of the file, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

GPL-3.0-with-autoconf-exception: Copyright © 2009, Free Software Foundation, Inc. <<https://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This Exception is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3"). It applies to a given file that bears a notice placed by the copyright holder of the file stating that the file is governed by GPLv3 along with this Exception.

The purpose of this Exception is to allow distribution of Autoconf's typical output under terms of the recipient's choice (including proprietary).

1. Definitions

"Covered Code" is the source or object code of a version of Autoconf that is a covered work under this License.

"Normally Copied Code" for a version of Autoconf means all parts of its Covered Code which that version can copy from its code (i.e., not from its input file) into its minimally verbose, non-debugging and non-tracing output.

"Ineligible Code" is Covered Code that is not Normally Copied Code.

2. Grant of Additional Permission.

You have permission to propagate output of Autoconf, even if such propagation would otherwise violate the terms of GPLv3. However, if by modifying Autoconf you cause any Ineligible Code of the version you received to become Normally Copied Code of your modified version, then you void this Exception for the resulting covered work. If you convey that resulting covered work, you must remove this Exception in accordance with the second paragraph of Section 7 of GPLv3.

3. No Weakening of Autoconf Copyleft.

The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of Autoconf.

GPLv3 (GPL-3.0) with GCC exception: Copyright (C) 2009, Free Software Foundation, Inc. All rights reserved. (<http://fsf.org/>)

This GCC Runtime Library Exception ("Exception") is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3"). It applies to a given file (the "Runtime Library") that bears a notice placed by the copyright holder of the file stating that the file is governed by GPLv3 along with this Exception.

4. Definitions

A file is an "Independent Module" if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

"GCC" means a version of the GNU Compiler Collection, with or without modifications, governed by version 3 (or a specified later version) of the GNU General Public License (GPL) with the option of using any subsequent versions published by the FSF.

"GPL-compatible Software" is software whose conditions of propagation, modification and use would permit combination with GCC in accord with the license of GCC.

"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

5. Grant of Additional Permission

You have permission to propagate a work of Target Code formed by combining the Runtime Library with Independent Modules, even if such propagation would otherwise violate the terms of GPLv3, provided that all Target Code was generated by Eligible Compilation Processes. You may then convey such a combination under terms of your choice, consistent with the licensing of the Independent Modules.

6. No Weakening of GCC Copyleft

The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of GCC.

ICU License (ICU)

The ICU License-ICU 1.8.1 and Later. Copyright (C) 1995-2014, International Business Machines Corporation and others. All rights reserved.

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, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

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 OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

ISC License (ISC)

The ISC License. Copyright (C) 2023, Vertiv Group Corp. All rights reserved.

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

LGPL License Information (Multiple Versions)

Version 2 (LGPLv2, LGPLv2+, LGPLv2.0+): Copyright (C) June 1991, Free Software Foundation, Inc. All rights reserved. (<http://fsf.org/>)

This library is free software: you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation, either version 2 of the License, or (at your option) any later version. This library is distributed in the hope that it will be useful but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. For more information, see the entire GNU Library General Public License in full here: <https://www.gnu.org/licenses/old-licenses/lgpl-2.0.html>

Version 2.1 (LGPLv2.1, LGPLv2.1+, LGPL-2.1, LGPL-2.1+): Copyright (C) February 1999, Free Software Foundation, Inc. All rights reserved. (<http://fsf.org/>)

This library is free software: you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation, either version 2.1 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. For more information, see the entire GNU Lesser General Public License in full here: <https://www.gnu.org/licenses/lgpl-2.1.en.html>

Version 3 (LGPLv3, LGPL-3.0, LGPLv3+): Copyright (C) 29 June 2007, Free Software Foundation, Inc. All rights reserved. (<http://fsf.org/>)

The GNU LGPL license below references version 3 of the GNU GPL license. For more information, see the entire GNU General Public License in full here: <https://www.gnu.org/licenses/gpl-3.0.en.html>

GNU Lesser General Public License: Copyright (C) 2007, Free Software Foundation, Inc. <https://fsf.org/>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

0. Additional Definitions.

- As used herein, “this License” refers to version 3 of the GNU Lesser General Public License, and the “GNU GPL” refers to version 3 of the GNU General Public License.
- “The Library” refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.
- An “Application” is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.
- A “Combined Work” is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the “Linked Version”.
- The “Minimal Corresponding Source” for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.
- The “Corresponding Application Code” for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a. under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b. under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a. Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

- b. Accompany the object code with a copy of the GNU GPL and this license document.

4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

- a. Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.
- b. Accompany the Combined Work with a copy of the GNU GPL and this license document.
- c. For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
- d. Do one of the following:
 - 1. Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.
 - 2. Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.
- e. Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

- a. Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.
- b. Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License “or any later version” applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

libpng License Information

libpng v1.6.13. Copyright (C) 1995-2022, The PNG Reference Library Authors; 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson. All rights reserved.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

For libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15 2018 (Copyright © 2000-2003, 2004, 2006-2018 Glenn Randers-Pehrson), these versions are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors: Simon-Pierre Cadieux, Eric S. Raymond, Mans Rullgard, Cosmin Truta, Gilles Vollant, James Yu, Mandar Sahastrabudde, Google Inc., and Vadim Barkov. For these versions, there is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy and effort is with the user. Some files in the “contrib” directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

Additional license text applicable to all available versions is located here: www.libpng.org/pub/png/src/libpng-LICENSE.txt

MIT (MIT/MIT-style) License Information

The MIT License (MIT). Copyright (C) 2025, Vertiv Group Corp.

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.

Mozilla Public License (MPL) Information (Multiple Versions)

Version 2.0 (MPL-2.0): Copyright (C) 2023 Mozilla Foundation. All rights reserved. (<http://mozilla.org/>)

This Source Code Form is subject to the terms of the Mozilla Public License, v2.0 available at <https://www.mozilla.org/en-US/MPL/2.0/>

Version 1.1 (MPL-1.1): Copyright (C) 2023 Mozilla Foundation. All rights reserved. (<http://mozilla.org/>)

This Source Code Form is subject to the terms of the Mozilla Public License, v1.1 available at <https://www.mozilla.org/en-US/MPL/1.1/>. Software distributed under the License is distributed on an “AS IS” basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

NTP License Information

The NTP License. Copyright (C) 2023-2025, Vertiv Group Corp.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose with or without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation, and that the name Vertiv Group Corp. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. Vertiv Group Corp makes no representations about the suitability this software for any purpose. It is provided “as is” without express or implied warranty.

OpenSSL License Information

The OpenSSL License. Copyright (C) 2023 OpenSSL. All rights reserved.

Contents are licensed under the terms of the OpenSSL license available at <https://www.openssl.org/source/license.html>.

PD (Pure Data) License Information

The PD License. Copyright (C), Miller Puckette and others. The following terms (the "Standard Improved BSD License") apply to all files associated with the software unless explicitly disclaimed in individual files.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Python-2.0 (Python Software Foundation License v2.0) License Information

The Python-2.0 License. Copyright (C) 2001-2006, Python Software Foundation. All rights reserved.

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.
2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Python Software Foundation All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.
3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.
4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.
5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.
6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.
7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.
8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement

SIL Open Font (OFL-1.1) License Information

Copyright (C) 2025 Vertiv Group Corp. All rights reserved. (www.vertiv.com), with Reserved Font Name <ttf-lohit> and <source-han-sans-cn-fonts>.

This Font Software is licensed under the SIL Open Font License, Version 1.1. The full license and FAQs are available here: <http://scripts.sil.org/OFL> and [SIL OPEN FONT LICENSE \(OFL-1.1\) – Open Source Initiative](#)

zlib License Information

The zlib License. Copyright (C) 1995-2024, Jean-loup Gailly (jloup@gzip.org) and Mark Adler (madler@alumni.caltech.edu).

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software. Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.