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GCC Runtime Library Exception 3.1 to GPL 3.0

Version 3.1, 31 March 2009

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

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

the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

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

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

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

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

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

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

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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April 15, 2002


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Version Unspecified

http://sourceforge.net/projects/vector-agg/

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### 3.1.78 Android - platform - frameworks - base

Version android-7.0.0_r1

https://android.googlesource.com/platform/frameworks/base

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Version

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https://stjarnhimlen.se/comp/sunriset.c

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Version master-20141218

http://github.com/kokke/tiny-AES128-C/

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### 3.1.92 PVRTC Library

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https://www.imgtec.com/developers/powervr-sdk-tools/installers/

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### 3.1.93 GSM 06.10 Lossy Speech Compression

Version Unspecified

http://kbs.cs.tu-berlin.de/~jutta/toast.html

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### 3.1.95 aladdin-md5

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Version master-20141123

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Version 1.0

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The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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▪ The hard-coding of config options in opensslconf.h.

▪ The addition of compile-time

▪

▪

▪ s to remove dependencies of the C stio library and on Win32 UI.

▪ The addition of compile-time checks to remove filename strings from release binaries.


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For licensing information on libjpeg itself, see section **Error**

**! Reference source not found.**

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Glenn Randers-Pehrson
glennrp at
users.sourceforge.net
September 10, 2009


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**3.2.10.1 Dieter Baron and Thomas Klausner (see the files** zip.h **and** zipint.h**):**

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The authors can be contacted at <libzip@nih.at>

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### 3.2.10.4 RealVNC modifications to libzip

The open source component used by *VNC Automotive* consists of the lib subdirectory of libzip 0.9, plus two variants on the corresponding config.h template. Three modifications have been made, as follows:

- libzip.vcproj has been added.

- On Windows, in libzip.h and zipint.h, no-op ZIP_EXTERN so that we build for linking statically.

- On Windows, in mkstemp.c, pid_t and S_ISDIR have been defined, and io.h and process.h included.

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## 3.2.13 GCC libstdc++

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## 3.2.14 keysymdef

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### 3.2.19.5 RealVNC modifications to libxml2

This is libxml2-2.9.1. Some small changes have been made to allow it to build for QNX and

Android.

## 3.2.20 miniupnpc

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### 3.2.20.3      RealVNC modifications to

**miniupnpc** The following modifications

have been made:

- Requests have been cancelled.

- MirrorLink-specific functionality has been added.

- Functionality specific to building for different hardware architectures has been added.


### 3.2.21 LibTomCrypt

LibTomCrypt, modular cryptographic library -- Tom St Denis

LibTomCrypt is a library that provides various cryptographic algorithms in a highly modular and flexible manner.

The library is free for all purposes without any express guarantee it works.

Tom St Denis, tomstdenis@gmail.com, http://libromcrypt.com


### 3.2.22 LibTomMath

LibTomMath, multiple-precision integer library -- Tom St Denis

LibTomMath is a library that provides multiple-precision integer arithmetic as well as number theoretic functionality.

The library was designed directly after the MPI library by Michael Fromberger but has been written from scratch with additional optimizations in place.

The library is free for all purposes without any express guarantee it works.

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### 3.2.27 libudev

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### 3.2.28 WPA Supplicant

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### 3.2.28.1       RealVNC modifications to WPA Supplicant

RealVNC has applied the following patch:

http://w1.fi/cgit/hostap/patch/?id=f2b3acc9d5.2.b91fbaccfc9dd8d408

252bda4f1be9 Copyright © 2002-2014 Jouni Malinen and

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### 3.2.28.2 ath9k_faf1dc64_backport.patch

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### 3.2.28.3 python-psutil_2.1.3.bb

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### 3.2.30 VNC Wi-Fi Display i.MX6 sample decoder

The information in this section expands upon that summarized in section 6.2, *VNC Wi-Fi Display i.MX6 sample decoder*.

### 3.2.31 mxcfb.h

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### 3.2.32 axTLS

axTLS Embedded SSL

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### 3.2.32 RealVNC modifications to axTLS

Some unwanted type and function definitions have been removed.

## 4.0 Node Modules Components

| Name of OSS Component | Version of OSS Component | Name and Version of License | Home page |
|---|---|---|---|
| buffer-crc32 | 0.2.5 | MIT | https://github.com/brianloveswords/buffer-crc32 |
| dbus-native | 0.2.0 | MIT | https://github.com/sidorares/node-dbus |
| dbus-proxy | 0.0.0-unreleasable | NA | NA |
| abstract-socket | 1.1.0 | MIT | https://github.com/saghul/node-abstractsocket |
| bindings | 1.2.1 | MIT | https://github.com/TooTallNate/node-bindings |
| nan | 2.4.0 | MIT | https://github.com/nodejs/nan#readme |
| 1to2 | 1.0.0 | MIT | NA |
| event-stream | 3.3.4 | MIT | http://github.com/dominictarr/event-stream |
| duplexer | 0.1.1 | MIT | https://github.com/Raynos/duplexer |
| from | 0.1.3 | MIT | https://github.com/dominictarr/from |
| map-stream | 0.1.0 | NA | http://github.com/dominictarr/map-stream |
| pause-stream | 0.0.11 | MIT, Apache2 | https://github.com/dominictarr/pause-stream |
| split | 0.3.3 | MIT | http://github.com/dominictarr/split |
| stream-combiner | 0.0.4 | MIT | https://github.com/dominictarr/stream-combiner |
| through | 2.3.8 | MIT | https://github.com/dominictarr/through |
| put | 0.0.6 | MIT/X11 | https://github.com/substack/node-put |
| xml2js | 0.1.14 | NA | https://github.com/Leonidas-from-XIV/node-xml2js |
| sax | 1.2.1 | ISC | https://github.com/isaacs/sax-js#readme |
| iconv-lite | 0.4.15 | MIT | https://github.com/ashtuchkin/iconv-lite |
| jbinary | 2.1.2 | MIT | https://github.com/jDataView/jBinary |
| es6-promise | 2.0.1 | MIT | NA |

| es6-promise | 2.0.1 | MIT | https://github.com/jakearchibald/ES6-Promises |
|---|---|---|---|
| jdataview | 2.5.0 | WTFPL | http://jDataView.github.io/ |
| request | 2.53.0 | Apache-2.0 | https://github.com/request/request |
| aws-sign2 | 0.5.0 | NA | https://github.com/mikeal/aws-sign |
| bl | 0.9.4 | MIT | https://github.com/rvagg/bl |
| readable-stream | 1.0.33 | MIT | https://github.com/isaacs/readable-stream |
| core-util-is | 1.0.1 | MIT | https://github.com/isaacs/core-util-is |
| inherits | 2.0.1 | ISC | https://github.com/isaacs/inherits |
| isarray | 0.0.1 | MIT | https://github.com/juliangruber/isarray |
| string_decoder | 0.10.31 | MIT | https://github.com/rvagg/string_decoder |
| caseless | 0.9.0 | BSD | https://github.com/mikeal/caseless |
| combined-stream | 0.0.7 | NA | https://github.com/felixge/node-combined-stream |
| delayed-stream | 0.0.5 | NA | https://github.com/felixge/node-delayed-stream |
| forever-agent | 0.5.2 | NA | https://github.com/mikeal/forever-agent |
| form-data | 0.2.0 | MIT | https://github.com/felixge/node-form-data |
| async | 0.9.0 | MIT | https://github.com/caolan/async |
| hawk | NA | ./LICENSE | NA |
| hawk | 2.3.1 | BSD | https://github.com/hueniverse/hawk |
| boom | 2.6.1 | BSD | https://github.com/hapijs/boom |
| cryptiles | 2.0.4 | BSD | https://github.com/hapijs/cryptiles |
| hoek | 2.11.0 | BSD | https://github.com/hapijs/hoek |
| sntp | 1.0.9 | BSD | https://github.com/hueniverse/sntp |
| http-signature | 0.10.1 | MIT | https://github.com/joyent/node-http-signature/ |
| asn1 | 0.1.11 | NA | NA |
| assert-plus | 0.1.5 | NA | https://github.com/mcavage/node-assert-plus |
| ctype | 0.5.3 | NA | https://github.com/rmustacc/node-ctype |
| isstream | 0.1.1 | MIT | https://github.com/rvagg/isstream |
| json-stringify-safe | 5.0.0 | BSD | https://github.com/isaacs/json-stringify-safe |
| mime-types | 2.0.9 | MIT | https://github.com/jshttp/mime-types |
| mime-db | 1.7.0 | MIT | https://github.com/jshttp/mime-db |

| node-uuid | 1.4.2 | MIT | https://github.com/broofa/node-uuid |
|---|---|---|---|
| oauth-sign | 0.6.0 | NA | https://github.com/mikeal/oauth-sign |
| qs | 2.3.3 | BSD | https://github.com/hapijs/qs |
| stringstream | 0.0.4 | MIT | https://github.com/mhart/StringStream |
| tough-cookie | 0.12.1 | MIT | https://github.com/goinstant/tough-cookie |
| punycode | 1.3.2 | MIT | https://mths.be/punycode |
| tunnel-agent | 0.4.0 | NA | https://github.com/mikeal/tunnel-agent |
| mkdirp | 0.5.0 | MIT | https://github.com/substack/node-mkdirp |
| minimist | 0.0.8 | MIT | https://github.com/substack/minimist |
| xml2js | 0.4.5 | MIT | https://github.com/Leonidas-from-XIV/node-xml2js |
| sax | 0.6.1 | BSD | https://github.com/isaacs/sax-js |
| xmlbuilder | 2.5.1 | MIT | http://github.com/oozcitak/xmlbuilder-js |
| lodash | 3.1.0 | MIT | https://lodash.com/ |
| | | | |