**Moxa Free and Open Source Software Statement**

**Edition 1.0, November 2024**

[**www.moxa.com/product**](https://www.moxa.com/product)



© 2024 Moxa Inc. All rights reserved.

# **Moxa Free and Open Source Software Statement**

The software described in this document is furnished under a license agreement and may be used only in accordance with the terms of that agreement.

**Copyright Notice**

© 2024 Moxa Inc. All rights reserved.

**Trademarks**

The MOXA logo is a registered trademark of Moxa Inc.
All other trademarks or registered marks in this document belong to their respective manufacturers.

**Disclaimer**

Information in this document is subject to change without notice and does not represent a commitment on the part of Moxa.

Moxa provides this document as is, without warranty of any kind, either expressed or implied, including, but not limited to, its particular purpose. Moxa reserves the right to make improvements and/or changes to this document, or to the products and/or the programs described in this document, at any time.

Information provided in this document is intended to be accurate and reliable. However, Moxa assumes no responsibility for its use, or for any infringements on the rights of third parties that may result from its use.

This product might include unintentional technical or typographical errors. Changes are periodically made to the information herein to correct such errors, and these changes are incorporated into new editions of the publication.

**Technical Support Contact Information**

[**https://www.moxa.com/en/support/technical-support**](https://www.moxa.com/en/support/technical-support)

# **1**

**Overview**

Please be informed that this product includes Free and Open Source Software ("FOSS") developed by third parties and licensed under certain FOSS licenses. If you wish to receive a copy of any source code to which you are entitled under the applicable FOSS licenses, such as GNU General Public License (GPL), GNU Lesser General Public License (LGPL), or Mozilla Public License (MPL), please contact us via https://www.moxa.com/en/support/technical-support. When filling out the online request, you are advised to use “FOSS Source Code Request” as the subject line and select Other as the question type. Please note that this offer shall expire three years following the end-of-life date of this product. Your specific request should be sent to us within the noted period. Additional fees may be incurred for shipping and handling the requested copy of the source code.

# **FOSS Component List**

FOSS components contained in this product and the respective FOSS licenses are stated below.

The only warranties for this product are set forth in the express warranty statements accompanying the product. Nothing in the stated FOSS licenses should be construed as an additional warranty that binds Moxa. For the stated FOSS components, the warranty disclaimers and liability exclusions stipulated in the respective FOSS license texts govern.

axTLS Embedded SSL 1.4.9 : BSD 3-clause "New" or "Revised" License

Bootstrap (Twitter) 3.3.7 : MIT License

c9s/r3 1.3.3 : MIT License

clibs/commander 1.2.0 : MIT License

eCos 3.0 : eCos license version 2.0

ftp client and server code from FreeBSD 9.1.0-RELEASE FreeBSD 9.1.0-RELEASE : BSD 2-clause "Simplified" License

goahead v3.1.2 : GNU General Public License v2.0 only

jQuery 3.2.1 : MIT License

jquery-idletimer 1.0.2 : MIT License

klib ksprintf-final : MIT License

libb64 1.2 : Creative Commons Public Domain Dedication and Certification

mbed TLS 2.3.0 : Apache License 2.0

Mini-XML 2.7 : GNU Library General Public License v2 or later

nanopb 0.2.4 : zlib License

stephane's libmodbus v3.1.4 : GNU Lesser General Public License v2.1 or later

tiny-http 1.2.0 : MIT License

# **2**

**License**

This chapter lists all free and open software licenses used in Moxa's products.

Apache License 2.0

(mbed TLS 2.3.0)

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:

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

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

 c. 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

 d. 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

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate
notice, with the fields enclosed by brackets "[]" replaced with your own
identifying information. (Don't include the brackets!) The text should be
enclosed in the appropriate comment syntax for the file format. We also recommend
that a file or class name and description of purpose be included on the same
"printed page" as the copyright notice for easier identification within
third-party archives.

 Copyright [yyyy] [name of copyright owner] Licensed under the Apache License,
 Version 2.0 (the "License"); you may not use this file except in compliance
 with the License. You may obtain a copy of the License at
 http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law
 or agreed to in writing, software distributed under the License is
 distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY
 KIND, either express or implied. See the License for the specific language
 governing permissions and limitations under the License.

---

BSD 2-clause "Simplified" License

(ftp client and server code from FreeBSD 9.1.0-RELEASE FreeBSD 9.1.0-RELEASE)

BSD Two Clause License
======================

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 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.

---

BSD 3-clause "New" or "Revised" License

(axTLS Embedded SSL 1.4.9)

Copyright (c) <YEAR>, <OWNER>
All rights reserved.

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

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

 \* 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.

 \* Neither the name of the <ORGANIZATION> 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 OWNER 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.

---

Creative Commons Public Domain Dedication and Certification

(libb64 1.2)

Creative Commons Public Domain Dedication
=========================================

Copyright-Only Dedication (based on United States law) or Public Domain
Certification

The person or persons who have associated work with this document (the
"Dedicator" or "Certifier") hereby either

 a. certifies that, to the best of his knowledge, the work of authorship
 identified is in the public domain of the country from which the work is
 published, or

 b. hereby dedicates whatever copyright the dedicators holds in the work of
 authorship identified below (the "Work") to the public domain.

A certifier, moreover, dedicates any copyright interest he may have in the
associated work, and for these purposes, is described as a "dedicator" below.

A certifier has taken reasonable steps to verify the copyright status of this
work. Certifier recognizes that his good faith efforts may not shield him from
liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to the
detriment of the Dedicator's heirs and successors. Dedicator intends this
dedication to be an overt act of relinquishment in perpetuity of all present and
future rights under copyright law, whether vested or contingent, in the Work.
Dedicator understands that such relinquishment of all rights includes the
relinquishment of all rights to enforce (by lawsuit or otherwise) those
copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be
freely reproduced, distributed, transmitted, used, modified, built upon, or
otherwise exploited by anyone for any purpose, commercial or non-commercial, and
in any way, including by methods that have not yet been invented or conceived.

---

GNU General Public License v2.0 only

(goahead v3.1.2)

The GNU General Public License (GPL)
====================================

Version 2, June 1991
--------------------

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

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

Preamble

The licenses for most software are designed to take away your freedom to share
and change it. By contrast, the GNU General Public License is intended to
guarantee your freedom to share and change free software--to make sure the
software is free for all its users. This General Public License applies to most
of the Free Software Foundation's software and to any other program whose authors
commit to using it. (Some other Free Software Foundation software is covered by
the GNU Library General Public License instead.) You can apply it to your
programs, too.

When we speak of free software, we are referring to freedom, not price. Our
General Public Licenses are designed to make sure that you have the freedom to
distribute copies of free software (and charge for this service if you wish),
that you receive source code or can get it if you want it, that you can change
the software or use pieces of it in new free programs; and that you know you can
do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny
you these rights or to ask you to surrender the rights. These restrictions
translate to certain responsibilities for you if you distribute copies of the
software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a
fee, you must give the recipients all the rights that you have. You must make
sure that they, too, receive or can get the source code. And you must show them
these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer
you this license which gives you legal permission to copy, distribute and/or
modify the software.

Also, for each author's protection and ours, we want to make certain that
everyone understands that there is no warranty for this free software. If the
software is modified by someone else and passed on, we want its recipients to
know that what they have is not the original, so that any problems introduced by
others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish
to avoid the danger that redistributors of a free program will individually
obtain patent licenses, in effect making the program proprietary. To prevent
this, we have made it clear that any patent must be licensed for everyone's free
use or not licensed at all.

The precise terms and conditions for copying, distribution and modification
follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice
placed by the copyright holder saying it may be distributed under the terms of
this General Public License. The "Program", below, refers to any such program or
work, and a "work based on the Program" means either the Program or any
derivative work under copyright law: that is to say, a work containing the
Program or a portion of it, either verbatim or with modifications and/or
translated into another language. (Hereinafter, translation is included without
limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by
this License; they are outside its scope. The act of running the Program is not
restricted, and the output from the Program is covered only if its contents
constitute a work based on the Program (independent of having been made by
running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as
you receive it, in any medium, provided that you conspicuously and appropriately
publish on each copy an appropriate copyright notice and disclaimer of warranty;
keep intact all the notices that refer to this License and to the absence of any
warranty; and give any other recipients of the Program a copy of this License
along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at
your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus
forming a work based on the Program, and copy and distribute such modifications
or work under the terms of Section 1 above, provided that you also meet all of
these conditions:

 a) You must cause the modified files to carry prominent notices stating
 that you changed the files and the date of any change.

 b) You must cause any work that you distribute or publish, that in whole or
 in part contains or is derived from the Program or any part thereof, to be
 licensed as a whole at no charge to all third parties under the terms of
 this License.

 c) If the modified program normally reads commands interactively when run,
 you must cause it, when started running for such interactive use in the
 most ordinary way, to print or display an announcement including an
 appropriate copyright notice and a notice that there is no warranty (or
 else, saying that you provide a warranty) and that users may redistribute
 the program under these conditions, and telling the user how to view a copy
 of this License. (Exception: if the Program itself is interactive but does
 not normally print such an announcement, your work based on the Program is
 not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable
sections of that work are not derived from the Program, 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 Program, 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.

Thus, it is not the intent of this section to claim rights or contest your rights
to work written entirely by you; rather, the intent is to exercise the right to
control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the
Program (or with a work based on the Program) on a volume of a storage or
distribution medium does not bring the other work under the scope of this
License.

3. You may copy and distribute the Program (or a work based on it, under Section
2) in object code or executable form under the terms of Sections 1 and 2 above
provided that you also do one of the following:

 a) 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; or,

 b) Accompany it with a written offer, valid for at least three years, to
 give any third party, for a charge no more than your cost of physically
 performing source distribution, a complete machine-readable copy of the
 corresponding source code, to be distributed under the terms of Sections 1
 and 2 above on a medium customarily used for software interchange; or,

 c) Accompany it with the information you received as to the offer to
 distribute corresponding source code. (This alternative is allowed only for
 noncommercial distribution

and only if you received the program in object code or executable form with such
an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making
modifications to it. For an executable work, complete source code means all the
source code for all modules it contains, plus any associated interface definition
files, plus the scripts used to control compilation and installation of the
executable. However, as a special exception, the source code 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.

If distribution of executable or 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 counts as distribution of the source code, even though third
parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as
expressly provided under this License. Any attempt otherwise to copy, modify,
sublicense or distribute the Program is void, and will automatically terminate
your rights under this License. However, parties who have received copies, or
rights, from you under this License will not have their licenses terminated so
long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it.
However, nothing else grants you permission to modify or distribute the Program
or its derivative works. These actions are prohibited by law if you do not accept
this License. Therefore, by modifying or distributing the Program (or any work
based on the Program), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying the Program
or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the
recipient automatically receives a license from the original licensor to copy,
distribute or modify the Program subject to these terms and conditions. You may
not impose any further restrictions on the recipients' exercise of the rights
granted herein. You are not responsible for enforcing compliance by third parties
to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement
or for any other reason (not limited to patent issues), conditions are imposed on
you (whether by court order, agreement or otherwise) that contradict the
conditions of this License, they do not excuse you from the conditions of this
License. If you cannot distribute so as to satisfy simultaneously your
obligations under this License and any other pertinent obligations, then as a
consequence you may not distribute the Program at all. For example, if a patent
license would not permit royalty-free redistribution of the Program by all those
who receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply and the
section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or
other property right claims or to contest validity of any such claims; this
section has the sole purpose of protecting the integrity of the free software
distribution system, which is implemented by public license practices. Many
people have made generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that system; it is
up to the author/donor to decide if he or she is willing to distribute software
through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a
consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain
countries either by patents or by copyrighted interfaces, the original copyright
holder who places the Program under this License may add an explicit geographical
distribution limitation excluding those countries, so that distribution is
permitted only in or among countries not thus excluded. In such case, this
License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the
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 Program specifies a
version number of this License which applies to it and "any later version", you
have the option of following the terms and conditions either of that version or
of any later version published by the Free Software Foundation. If the Program
does not specify a version number of this License, you may choose any version
ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs
whose distribution conditions are different, write to the author to ask for
permission. For software which is copyrighted by the Free Software Foundation,
write to the Free Software Foundation; we sometimes make exceptions for this. Our
decision will be guided by the two goals of preserving the free status of all
derivatives of our free software and of promoting the sharing and reuse of
software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE
PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED
IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS"
WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF
ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL
ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE
PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL,
SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY
TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER
PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

---

GNU Lesser General Public License v2.1 or later

(stephane's libmodbus v3.1.4)

GNU Lesser General Public License
=================================

Version 2.1, February 1999

 Copyright (C) 1991, 1999 Free Software Foundation, Inc.

 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

 Everyone is permitted to copy and distribute verbatim copies

 of this license document, but changing it is not allowed.

 [This is the first released version of the Lesser GPL. It also counts

 as the successor of the GNU Library Public License, version 2, hence

 the version number 2.1.]

Preamble
--------

The licenses for most software are designed to take away your freedom to share
and change it. By contrast, the GNU General Public Licenses are intended to
guarantee your freedom to share and change free software--to make sure the
software is free for all its users.

This license, the Lesser General Public License, applies to some specially
designated software packages--typically libraries--of the Free Software
Foundation and other authors who decide to use it. You can use it too, but we
suggest you first think carefully about whether this license or the ordinary
General Public License is the better strategy to use in any particular case,
based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price.
Our General Public Licenses are designed to make sure that you have the freedom
to distribute copies of free software (and charge for this service if you wish);
that you receive source code or can get it if you want it; that you can change
the software and use pieces of it in new free programs; and that you are informed
that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to
deny you these rights or to ask you to surrender these rights. These restrictions
translate to certain responsibilities for you if you distribute copies of the
library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a
fee, you must give the recipients all the rights that we gave you. You must make
sure that they, too, receive or can get the source code. If you link other code
with the library, you must provide complete object files to the recipients, so
that they can relink them with the library after making changes to the library
and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and
(2) we offer you this license, which gives you legal permission to copy,
distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no
warranty for the free library. Also, if the library is modified by someone else
and passed on, the recipients should know that what they have is not the original
version, so that the original author's reputation will not be affected by
problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free
program. We wish to make sure that a company cannot effectively restrict the
users of a free program by obtaining a restrictive license from a patent holder.
Therefore, we insist that any patent license obtained for a version of the
library must be consistent with the full freedom of use specified in this
license.

Most GNU software, including some libraries, is covered by the ordinary GNU
General Public License. This license, the GNU Lesser General Public License,
applies to certain designated libraries, and is quite different from the ordinary
General Public License. We use this license for certain libraries in order to
permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared
library, the combination of the two is legally speaking a combined work, a
derivative of the original library. The ordinary General Public License therefore
permits such linking only if the entire combination fits its criteria of freedom.
The Lesser General Public License permits more lax criteria for linking other
code with the library.

We call this license the "Lesser" General Public License because it does Less to
protect the user's freedom than the ordinary General Public License. It also
provides other free software developers Less of an advantage over competing
non-free programs. These disadvantages are the reason we use the ordinary General
Public License for many libraries. However, the Lesser license provides
advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the
widest possible use of a certain library, so that it becomes a de-facto standard.
To achieve this, non-free programs must be allowed to use the library. A more
frequent case is that a free library does the same job as widely used non-free
libraries. In this case, there is little to gain by limiting the free library to
free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs
enables a greater number of people to use a large body of free software. For
example, permission to use the GNU C Library in non-free programs enables many
more people to use the whole GNU operating system, as well as its variant, the
GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users'
freedom, it does ensure that the user of a program that is linked with the
Library has the freedom and the wherewithal to run that program using a modified
version of the Library.

The precise terms and conditions for copying, distribution and modification
follow. Pay close attention to the difference between a "work based on the
library" and a "work that uses the library". The former contains code derived
from the library, whereas the latter must be combined with the library in order
to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
---------------------------------------------------------------

0. This License Agreement applies to any software library or other program which
contains a notice placed by the copyright holder or other authorized party saying
it may be distributed under the terms of this Lesser General Public License (also
called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as
to be conveniently linked with application programs (which use some of those
functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been
distributed under these terms. A "work based on the Library" means either the
Library or any derivative work under copyright law: that is to say, a work
containing the Library or a portion of it, either verbatim or with modifications
and/or translated straightforwardly into another language. (Hereinafter,
translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making
modifications to it. For a library, complete source code means all the source
code for all modules it contains, plus any associated interface definition files,
plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by
this License; they are outside its scope. The act of running a program using the
Library is not restricted, and output from such a program is covered only if its
contents constitute a work based on the Library (independent of the use of the
Library in a tool for writing it). Whether that is true depends on what the
Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source
code as you receive it, in any medium, provided that you conspicuously and
appropriately publish on each copy an appropriate copyright notice and disclaimer
of warranty; keep intact all the notices that refer to this License and to the
absence of any warranty; and distribute a copy of this License along with the
Library.

You may charge a fee for the physical act of transferring a copy, and you may at
your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus
forming a work based on the Library, and copy and distribute such modifications
or work under the terms of Section 1 above, provided that you also meet all of
these conditions:

 a) The modified work must itself be a software library.

 b) You must cause the files modified to carry prominent notices stating
 that you changed the files and the date of any change.

 c) You must cause the whole of the work to be licensed at no charge to all
 third parties under the terms of this License.

 d) If a facility in the modified Library refers to a function or a table of
 data to be supplied by an application program that uses the facility, other
 than as an argument passed when the facility is invoked, then you must make
 a good faith effort to ensure that, in the event an application does not
 supply such function or table, the facility still operates, and performs
 whatever part of its purpose remains meaningful.

 (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.

 Thus, it is not the intent of this section to claim rights or contest your
 rights to work written entirely by you; rather, the intent is to exercise
 the right to control the distribution of derivative or collective works
 based on the Library.

 In addition, mere aggregation of another work not based on the Library with
 the Library (or with a work based on the Library) on a volume of a storage
 or distribution medium does not bring the other work under the scope of
 this License.

3. You may opt to apply the terms of the ordinary GNU General Public License
instead of this License to a given copy of the Library. To do this, you must
alter all the notices that refer to this License, so that they refer to the
ordinary GNU General Public License, version 2, instead of to this License. (If a
newer version than version 2 of the ordinary GNU General Public License has
appeared, then you can specify that version instead if you wish.) Do not make any
other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so
the ordinary GNU General Public License applies to all subsequent copies and
derivative works made from that copy.

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

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:

 a) Accompany the work with the complete corresponding machine-readable
 source code for the Library including whatever changes were used in the
 work (which must be distributed under Sections 1 and 2 above); and, if the
 work is an executable linked with the Library, with the complete
 machine-readable "work that uses the Library", as object code and/or source
 code, so that the user can modify the Library and then relink to produce a
 modified executable containing the modified Library. (It is understood that
 the user who changes the contents of definitions files in the Library will
 not necessarily be able to recompile the application to use the modified
 definitions.)

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

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

 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.

It may happen that this requirement contradicts the license restrictions of other
proprietary libraries that do not normally accompany the operating system. Such a
contradiction means you cannot use both them and the Library together in an
executable that you distribute.

7. 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 not
covered by this License, and distribute such a combined library, provided that
the separate distribution of the work based on the Library and of the other
library facilities is otherwise permitted, and provided that you do these two
things:

 a) Accompany the combined library with a copy of the same work based on the
 Library, uncombined with any other library facilities. This must be
 distributed under the terms of the Sections above.

 b) Give prominent notice with the combined library of the fact that part of
 it is a work based on the Library, and explaining where to find the
 accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library
except as expressly provided under this License. Any attempt otherwise to copy,
modify, sublicense, link with, or distribute the Library is void, and will
automatically terminate your rights under this License. However, parties who have
received copies, or rights, from you under this License will not have their
licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it.
However, nothing else grants you permission to modify or distribute the Library
or its derivative works. These actions are prohibited by law if you do not accept
this License. Therefore, by modifying or distributing the Library (or any work
based on the Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying the Library
or works based on it.

10. Each time you redistribute the Library (or any work based on the Library),
the recipient automatically receives a license from the original licensor to
copy, distribute, link with or modify the Library subject to these terms and
conditions. You may not impose any further restrictions on the recipients'
exercise of the rights granted herein. You are not responsible for enforcing
compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement
or for any other reason (not limited to patent issues), conditions are imposed on
you (whether by court order, agreement or otherwise) that contradict the
conditions of this License, they do not excuse you from the conditions of this
License. If you cannot distribute so as to satisfy simultaneously your
obligations under this License and any other pertinent obligations, then as a
consequence you may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by all those
who receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Library.

If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply, and the
section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or
other property right claims or to contest validity of any such claims; this
section has the sole purpose of protecting the integrity of the free software
distribution system which is implemented by public license practices. Many people
have made generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that system; it is
up to the author/donor to decide if he or she is willing to distribute software
through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a
consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain
countries either by patents or by copyrighted interfaces, the original copyright
holder who places the Library under this License may add an explicit geographical
distribution limitation excluding those countries, so that distribution is
permitted only in or among countries not thus excluded. In such case, this
License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the
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 specifies a
version number of this License which applies to it and "any later version", you
have the option of following the terms and conditions either of that version or
of any later version published by the Free Software Foundation. If the Library
does not specify a license version number, you may choose any version ever
published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs
whose distribution conditions are incompatible with these, write to the author to
ask for permission. For software which is copyrighted by the Free Software
Foundation, write to the Free Software Foundation; we sometimes make exceptions
for this. Our decision will be guided by the two goals of preserving the free
status of all derivatives of our free software and of promoting the sharing and
reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE
LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED
IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS"
WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF
ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL
ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE
LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL,
SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY
TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER
PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries
----------------------------------------------

If you develop a new library, and you want it to be of the greatest possible use
to the public, we recommend making it free software that everyone can
redistribute and change. You can do so by permitting redistribution under these
terms (or, alternatively, under the terms of the ordinary General Public
License).

To apply these terms, attach the following notices to the library. It is safest
to attach them to the start of each source file to most effectively convey the
exclusion of warranty; and each file should have at least the "copyright" line
and a pointer to where the full notice is found.

 one line to give the library's name and an idea of what it does.

 Copyright (C) year name of author

 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 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. See the GNU

 Lesser General Public License for more details.

 You should have received a copy of the GNU Lesser General Public

 License along with this library; if not, write to the Free Software

 Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school,
if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a
sample; alter the names:

 Yoyodyne, Inc., hereby disclaims all copyright interest in

 the library `Frob' (a library for tweaking knobs) written

 by James Random Hacker.

 signature of Ty Coon, 1 April 1990

 Ty Coon, President of Vice

That's all there is to it!

---

GNU Library General Public License v2 or later

(Mini-XML 2.7)

GNU Library General Public License
==================================

Version 2, June 1991

 Copyright (C) 1991 Free Software Foundation, Inc.

 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

 Everyone is permitted to copy and distribute verbatim copies

 of this license document, but changing it is not allowed.

 [This is the first released version of the Library GPL. It is numbered 2
 because it goes with version 2 of the ordinary GPL.]

Preamble
--------

The licenses for most software are designed to take away your freedom to share
and change it. By contrast, the GNU General Public Licenses are intended to
guarantee your freedom to share and change free software--to make sure the
software is free for all its users.

This license, the Library General Public License, applies to some specially
designated Free Software Foundation software, and to other libraries whose
authors who decide to use it. You can use it for your libraries too.

When we speak of free software, we are referring to freedom, not price. Our
General Public Licenses are designed to make sure that you have the freedom to
distribute copies of free software (and charge for this service if you wish),
that you receive source code or can get it if you want it, that you can change
the software or use pieces of it in new free programs; and that you know you can
do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny
you these rights or to ask you to surrender the rights. These restrictions
translate to certain responsibilities for you if you distribute copies of the
library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a
fee, you must give the recipients all the rights that we gave you. You must make
sure that they, too, receive or can get the source code. If you link a program
with the library, you must provide complete object files to the recipients so
that they can relink them with the library after making changes to the library
and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library,
and (2) offer you this license, which gives you legal permission to copy,
distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone
understands that there is no warranty for this free library. If the library is
modified by someone else and passed on, we want its recipients to know that what
they have is not the original version, so that any problems introduced by others
will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish
to avoid the danger that companies distributing free software will individually
obtain patent licenses, thus in effect transforming the program into proprietary
software. To prevent this, we have made it clear that any patent must be licensed
for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU
General Public License, which was designed for utility programs. This license,
the GNU Library General Public License, applies to certain designated libraries.
This license is quite different from the ordinary one; be sure to read it in
full, and don't assume that anything in it is the same as in the ordinary
license.

The reason we have a separate public license for some libraries is that they blur
the distinction we usually make between modifying or adding to a program and
simply using it. Linking a program with a library, without changing the library,
is in some sense simply using the library, and is analogous to running a utility
program or application program. However, in a textual and legal sense, the linked
executable is a combined work, a derivative of the original library, and the
ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License
for libraries did not effectively promote software sharing, because most
developers did not use the libraries. We concluded that weaker conditions might
promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of
those programs of all benefit from the free status of the libraries themselves.
This Library General Public License is intended to permit developers of non-free
programs to use free libraries, while preserving your freedom as a user of such
programs to change the free libraries that are incorporated in them. (We have not
seen how to achieve this as regards changes in header files, but we have achieved
it as regards changes in the actual functions of the Library.) The hope is that
this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification
follow. Pay close attention to the difference between a "work based on the
library" and a "work that uses the library". The former contains code derived
from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General
Public License rather than by this special one.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
---------------------------------------------------------------

0. This License Agreement applies to any software library which contains a notice
placed by the copyright holder or other authorized party saying it may be
distributed under the terms of this Library General Public License (also called
"this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as
to be conveniently linked with application programs (which use some of those
functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been
distributed under these terms. A "work based on the Library" means either the
Library or any derivative work under copyright law: that is to say, a work
containing the Library or a portion of it, either verbatim or with modifications
and/or translated straightforwardly into another language. (Hereinafter,
translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making
modifications to it. For a library, complete source code means all the source
code for all modules it contains, plus any associated interface definition files,
plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by
this License; they are outside its scope. The act of running a program using the
Library is not restricted, and output from such a program is covered only if its
contents constitute a work based on the Library (independent of the use of the
Library in a tool for writing it). Whether that is true depends on what the
Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source
code as you receive it, in any medium, provided that you conspicuously and
appropriately publish on each copy an appropriate copyright notice and disclaimer
of warranty; keep intact all the notices that refer to this License and to the
absence of any warranty; and distribute a copy of this License along with the
Library.

You may charge a fee for the physical act of transferring a copy, and you may at
your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus
forming a work based on the Library, and copy and distribute such modifications
or work under the terms of Section 1 above, provided that you also meet all of
these conditions:

 a) The modified work must itself be a software library.

 b) You must cause the files modified to carry prominent notices stating
 that you changed the files and the date of any change.

 c) You must cause the whole of the work to be licensed at no charge to all
 third parties under the terms of this License.

 d) If a facility in the modified Library refers to a function or a table of
 data to be supplied by an application program that uses the facility, other
 than as an argument passed when the facility is invoked, then you must make
 a good faith effort to ensure that, in the event an application does not
 supply such function or table, the facility still operates, and performs
 whatever part of its purpose remains meaningful.

 (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.

 Thus, it is not the intent of this section to claim rights or contest your
 rights to work written entirely by you; rather, the intent is to exercise
 the right to control the distribution of derivative or collective works
 based on the Library.

 In addition, mere aggregation of another work not based on the Library with
 the Library (or with a work based on the Library) on a volume of a storage
 or distribution medium does not bring the other work under the scope of
 this License.

3. You may opt to apply the terms of the ordinary GNU General Public License
instead of this License to a given copy of the Library. To do this, you must
alter all the notices that refer to this License, so that they refer to the
ordinary GNU General Public License, version 2, instead of to this License. (If a
newer version than version 2 of the ordinary GNU General Public License has
appeared, then you can specify that version instead if you wish.) Do not make any
other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so
the ordinary GNU General Public License applies to all subsequent copies and
derivative works made from that copy.

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

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 compile or link a "work
that uses the Library" with the Library to produce a work containing portions of
the Library, and distribute that work under terms of your choice, provided that
the terms permit modification of the work for the customer's own use and reverse
engineering for debugging such modifications.

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

 a) Accompany the work with the complete corresponding machine-readable
 source code for the Library including whatever changes were used in the
 work (which must be distributed under Sections 1 and 2 above); and, if the
 work is an executable linked with the Library, with the complete
 machine-readable "work that uses the Library", as object code and/or source
 code, so that the user can modify the Library and then relink to produce a
 modified executable containing the modified Library. (It is understood that
 the user who changes the contents of definitions files in the Library will
 not necessarily be able to recompile the application to use the modified
 definitions.)

 b) 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.

 c) 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.

 d) 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 source code 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.

It may happen that this requirement contradicts the license restrictions of other
proprietary libraries that do not normally accompany the operating system. Such a
contradiction means you cannot use both them and the Library together in an
executable that you distribute.

7. 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 not
covered by this License, and distribute such a combined library, provided that
the separate distribution of the work based on the Library and of the other
library facilities is otherwise permitted, and provided that you do these two
things:

 a) Accompany the combined library with a copy of the same work based on the
 Library, uncombined with any other library facilities. This must be
 distributed under the terms of the Sections above.

 b) Give prominent notice with the combined library of the fact that part of
 it is a work based on the Library, and explaining where to find the
 accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library
except as expressly provided under this License. Any attempt otherwise to copy,
modify, sublicense, link with, or distribute the Library is void, and will
automatically terminate your rights under this License. However, parties who have
received copies, or rights, from you under this License will not have their
licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it.
However, nothing else grants you permission to modify or distribute the Library
or its derivative works. These actions are prohibited by law if you do not accept
this License. Therefore, by modifying or distributing the Library (or any work
based on the Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying the Library
or works based on it.

10. Each time you redistribute the Library (or any work based on the Library),
the recipient automatically receives a license from the original licensor to
copy, distribute, link with or modify the Library subject to these terms and
conditions. You may not impose any further restrictions on the recipients'
exercise of the rights granted herein. You are not responsible for enforcing
compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement
or for any other reason (not limited to patent issues), conditions are imposed on
you (whether by court order, agreement or otherwise) that contradict the
conditions of this License, they do not excuse you from the conditions of this
License. If you cannot distribute so as to satisfy simultaneously your
obligations under this License and any other pertinent obligations, then as a
consequence you may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by all those
who receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Library.

If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply, and the
section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or
other property right claims or to contest validity of any such claims; this
section has the sole purpose of protecting the integrity of the free software
distribution system which is implemented by public license practices. Many people
have made generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that system; it is
up to the author/donor to decide if he or she is willing to distribute software
through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a
consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain
countries either by patents or by copyrighted interfaces, the original copyright
holder who places the Library under this License may add an explicit geographical
distribution limitation excluding those countries, so that distribution is
permitted only in or among countries not thus excluded. In such case, this
License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the
Library 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 specifies a
version number of this License which applies to it and "any later version", you
have the option of following the terms and conditions either of that version or
of any later version published by the Free Software Foundation. If the Library
does not specify a license version number, you may choose any version ever
published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs
whose distribution conditions are incompatible with these, write to the author to
ask for permission. For software which is copyrighted by the Free Software
Foundation, write to the Free Software Foundation; we sometimes make exceptions
for this. Our decision will be guided by the two goals of preserving the free
status of all derivatives of our free software and of promoting the sharing and
reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE
LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED
IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS"
WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF
ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL
ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE
LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL,
SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY
TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER
PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries
----------------------------------------------

If you develop a new library, and you want it to be of the greatest possible use
to the public, we recommend making it free software that everyone can
redistribute and change. You can do so by permitting redistribution under these
terms (or, alternatively, under the terms of the ordinary General Public
License).

To apply these terms, attach the following notices to the library. It is safest
to attach them to the start of each source file to most effectively convey the
exclusion of warranty; and each file should have at least the "copyright" line
and a pointer to where the full notice is found.

 one line to give the library's name and an idea of what it does.

 Copyright (C) year name of author

 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. See the GNU

 Library General Public License for more details.

 You should have received a copy of the GNU Library General Public

 License along with this library; if not, write to the Free Software

 Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school,
if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a
sample; alter the names:

 Yoyodyne, Inc., hereby disclaims all copyright interest in

 the library `Frob' (a library for tweaking knobs) written

 by James Random Hacker.

 signature of Ty Coon, 1 April 1990

 Ty Coon, President of Vice

That's all there is to it!

---

MIT License

(Bootstrap (Twitter) 3.3.7)

The MIT License (MIT)

Copyright (c) 2011-2016 Twitter, Inc.

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

---

MIT License

(jquery-idletimer 1.0.2)

Copyright (c) 2013 Paul Irish

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

---

MIT License

(c9s/r3 1.3.3, clibs/commander 1.2.0, klib ksprintf-final, tiny-http 1.2.0)

The MIT License
===============

Copyright (c) <year> <copyright holders>

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.

---

MIT License

(jQuery 3.2.1)

====

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

---

eCos license version 2.0

(eCos 3.0)

Full eCos license
=================

This is the full text of the license as found on files within eCos covered by the
eCos license. It should be read in conjuction with the GNU General Public License
(GPL) on which it depends.

This file is part of eCos, the Embedded Configurable Operating System. Copyright
(C) 1998, 1999, 2000, 2001, 2002, 2003 Red Hat, Inc. Copyright (C) 2002, 2003
John Dallaway Copyright (C) 2002, 2003 Nick Garnett Copyright (C) 2002, 2003
Jonathan Larmour Copyright (C) 2002, 2003 Andrew Lunn Copyright (C) 2002, 2003
Gary Thomas Copyright (C) 2002, 2003 Bart Veer

eCos 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 or (at your option) any later version.

eCos 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. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with
eCos; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite
330, Boston, MA 02111-1307 USA.

As a special exception, if other files instantiate templates or use macros or
inline functions from this file, or you compile this file and link it with other
works to produce a work based on this file, this file does not by itself cause
the resulting work to be covered by the GNU General Public License. However the
source code for this file must still be made available in accordance with section
(3) of the GNU General Public License.

This exception does not invalidate any other reasons why a work based on this
file might be covered by the GNU General Public License.

The GNU General Public License (GPL)
Version 2, June 1991
------------------------------------

 Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share
and change it. By contrast, the GNU General Public License is intended to
guarantee your freedom to share and change free software--to make sure the
software is free for all its users. This General Public License applies to most
of the Free Software Foundation's software and to any other program whose authors
commit to using it. (Some other Free Software Foundation software is covered by
the GNU Library General Public License instead.) You can apply it to your
programs, too.

When we speak of free software, we are referring to freedom, not price. Our
General Public Licenses are designed to make sure that you have the freedom to
distribute copies of free software (and charge for this service if you wish),
that you receive source code or can get it if you want it, that you can change
the software or use pieces of it in new free programs; and that you know you can
do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny
you these rights or to ask you to surrender the rights. These restrictions
translate to certain responsibilities for you if you distribute copies of the
software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a
fee, you must give the recipients all the rights that you have. You must make
sure that they, too, receive or can get the source code. And you must show them
these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer
you this license which gives you legal permission to copy, distribute and/or
modify the software.

Also, for each author's protection and ours, we want to make certain that
everyone understands that there is no warranty for this free software. If the
software is modified by someone else and passed on, we want its recipients to
know that what they have is not the original, so that any problems introduced by
others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish
to avoid the danger that redistributors of a free program will individually
obtain patent licenses, in effect making the program proprietary. To prevent
this, we have made it clear that any patent must be licensed for everyone's free
use or not licensed at all.

The precise terms and conditions for copying, distribution and modification
follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

 1. This License applies to any program or other work which contains a notice
 placed by the copyright holder saying it may be distributed under the terms
 of this General Public License. The "Program", below, refers to any such
 program or work, and a "work based on the Program" means either the Program
 or any derivative work under copyright law: that is to say, a work containing
 the Program or a portion of it, either verbatim or with modifications and/or
 translated into another language. (Hereinafter, translation is included
 without limitation in the term "modification".) Each licensee is addressed as
 "you".

 Activities other than copying, distribution and modification are not covered
 by this License; they are outside its scope. The act of running the Program
 is not restricted, and the output from the Program is covered only if its
 contents constitute a work based on the Program (independent of having been
 made by running the Program). Whether that is true depends on what the
 Program does.

 2. You may copy and distribute verbatim copies of the Program's source code as
 you receive it, in any medium, provided that you conspicuously and
 appropriately publish on each copy an appropriate copyright notice and
 disclaimer of warranty; keep intact all the notices that refer to this
 License and to the absence of any warranty; and give any other recipients of
 the Program a copy of this License along with the Program.

 You may charge a fee for the physical act of transferring a copy, and you may
 at your option offer warranty protection in exchange for a fee.

 3. You may modify your copy or copies of the Program or any portion of it, thus
 forming a work based on the Program, and copy and distribute such
 modifications or work under the terms of Section 1 above, provided that you
 also meet all of these conditions:

 a. You must cause the modified files to carry prominent notices stating
 that you changed the files and the date of any change.

 b. You must cause any work that you distribute or publish, that in whole or
 in part contains or is derived from the Program or any part thereof, to
 be licensed as a whole at no charge to all third parties under the terms
 of this License.

 c. If the modified program normally reads commands interactively when run,
 you must cause it, when started running for such interactive use in the
 most ordinary way, to print or display an announcement including an
 appropriate copyright notice and a notice that there is no warranty (or
 else, saying that you provide a warranty) and that users may redistribute
 the program under these conditions, and telling the user how to view a
 copy of this License. (Exception: if the Program itself is interactive
 but does not normally print such an announcement, your work based on the
 Program is not required to print an announcement.)

 These requirements apply to the modified work as a whole. If identifiable
 sections of that work are not derived from the Program, 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 Program, 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.

 Thus, it is not the intent of this section to claim rights or contest your
 rights to work written entirely by you; rather, the intent is to exercise the
 right to control the distribution of derivative or collective works based on
 the Program.

 In addition, mere aggregation of another work not based on the Program with
 the Program (or with a work based on the Program) on a volume of a storage or
 distribution medium does not bring the other work under the scope of this
 License.

 4. You may copy and distribute the Program (or a work based on it, under
 Section 2) in object code or executable form under the terms of Sections 1
 and 2 above provided that you also do one of the following:

 a. 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; or,

 b. Accompany it with a written offer, valid for at least three years, to
 give any third party, for a charge no more than your cost of physically
 performing source distribution, a complete machine-readable copy of the
 corresponding source code, to be distributed under the terms of Sections
 1 and 2 above on a medium customarily used for software interchange; or,

 c. Accompany it with the information you received as to the offer to
 distribute corresponding source code. (This alternative is allowed only
 for noncommercial distribution and only if you received the program in
 object code or executable form with such an offer, in accord with
 Subsection b above.)

 The source code for a work means the preferred form of the work for making
 modifications to it. For an executable work, complete source code means all
 the source code for all modules it contains, plus any associated interface
 definition files, plus the scripts used to control compilation and
 installation of the executable. However, as a special exception, the source
 code 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.

 If distribution of executable or 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 counts as distribution of the source code,
 even though third parties are not compelled to copy the source along with the
 object code.

 5. You may not copy, modify, sublicense, or distribute the Program except as
 expressly provided under this License. Any attempt otherwise to copy, modify,
 sublicense or distribute the Program is void, and will automatically
 terminate your rights under this License. However, parties who have received
 copies, or rights, from you under this License will not have their licenses
 terminated so long as such parties remain in full compliance.

 6. You are not required to accept this License, since you have not signed it.
 However, nothing else grants you permission to modify or distribute the
 Program or its derivative works. These actions are prohibited by law if you
 do not accept this License. Therefore, by modifying or distributing the
 Program (or any work based on the Program), you indicate your acceptance of
 this License to do so, and all its terms and conditions for copying,
 distributing or modifying the Program or works based on it.

 7. Each time you redistribute the Program (or any work based on the Program),
 the recipient automatically receives a license from the original licensor to
 copy, distribute or modify the Program subject to these terms and conditions.
 You may not impose any further restrictions on the recipients' exercise of
 the rights granted herein. You are not responsible for enforcing compliance
 by third parties to this License.

 8. If, as a consequence of a court judgment or allegation of patent
 infringement or for any other reason (not limited to patent issues),
 conditions are imposed on you (whether by court order, agreement or
 otherwise) that contradict the conditions of this License, they do not excuse
 you from the conditions of this License. If you cannot distribute so as to
 satisfy simultaneously your obligations under this License and any other
 pertinent obligations, then as a consequence you may not distribute the
 Program at all. For example, if a patent license would not permit
 royalty-free redistribution of the Program by all those who receive copies
 directly or indirectly through you, then the only way you could satisfy both
 it and this License would be to refrain entirely from distribution of the
 Program.

 If any portion of this section is held invalid or unenforceable under any
 particular circumstance, the balance of the section is intended to apply and
 the section as a whole is intended to apply in other circumstances.

 It is not the purpose of this section to induce you to infringe any patents
 or other property right claims or to contest validity of any such claims;
 this section has the sole purpose of protecting the integrity of the free
 software distribution system, which is implemented by public license
 practices. Many people have made generous contributions to the wide range of
 software distributed through that system in reliance on consistent
 application of that system; it is up to the author/donor to decide if he or
 she is willing to distribute software through any other system and a licensee
 cannot impose that choice.

 This section is intended to make thoroughly clear what is believed to be a
 consequence of the rest of this License.

 9. If the distribution and/or use of the Program is restricted in certain
 countries either by patents or by copyrighted interfaces, the original
 copyright holder who places the Program under this License may add an
 explicit geographical distribution limitation excluding those countries, so
 that distribution is permitted only in or among countries not thus excluded.
 In such case, this License incorporates the limitation as if written in the
 body of this License.

 10. The Free Software Foundation may publish revised and/or new versions of the
 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 Program
 specifies a version number of this License which applies to it and "any later
 version", you have the option of following the terms and conditions either of
 that version or of any later version published by the Free Software
 Foundation. If the Program does not specify a version number of this License,
 you may choose any version ever published by the Free Software Foundation.

 11. If you wish to incorporate parts of the Program into other free programs
 whose distribution conditions are different, write to the author to ask for
 permission. For software which is copyrighted by the Free Software
 Foundation, write to the Free Software Foundation; we sometimes make
 exceptions for this. Our decision will be guided by the two goals of
 preserving the free status of all derivatives of our free software and of
 promoting the sharing and reuse of software generally.

 NO WARRANTY

 12. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR
 THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE
 STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE
 PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED,
 INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
 FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND
 PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE,
 YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

 13. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL
 ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE
 THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY
 GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE
 OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR
 DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR
 A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH
 HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

 END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use
to the public, the best way to achieve this is to make it free software which
everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach
them to the start of each source file to most effectively convey the exclusion of
warranty; and each file should have at least the "copyright" line and a pointer
to where the full notice is found.

 one line to give the program's name and a brief idea of what it does.
Copyright (C)

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. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it
starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts
of the General Public License. Of course, the commands you use may be called
something other than `show w' and `show c'; they could even be mouse-clicks or
menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school,
if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a
sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider
it more useful to permit linking proprietary applications with the library. If
this is what you want to do, use the GNU Library General Public License instead
of this License.

---

zlib License

(nanopb 0.2.4)

The zlib/libpng License
=======================

Copyright (c) <year> <copyright holders>

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.

---

This statement aims to inform its reader of the FOSS components used in the specified Moxa products. The above descriptions do not imply any partnership relationships between Moxa and the noted third parties. If you have any questions concerning this statement, please contact us via https://www.moxa.com/en/support/technical-support.

© [2024] Moxa Inc. All rights reserved.