



u.trust Anchor

License Texts

Imprint

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| document version | |
| date | October 2022 |
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| document no. | 2021-0043 |

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1 Introduction

The Utimaco u.trust Anchor package uses some Open Source components. This document lists the Open Source components, their type of use and includes the license text.

The license texts of some of the distributed open source software components require that a machine-readable copy of the corresponding source code is made available to any third party upon request.

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2 License Table

| Package | Version | License |
|----------------------|---|---|
| acl | 2.2.53 | LGPLv2.1+ |
| apparmor | 2.13.4 | GPLv2 & GPLv2+ & BSD-3-Clause & LGPLv2.1+ * |
| arm-trusted-firmware | 1.4-xilinx-v2018.2 gitAUTOINC+93a69a5a3b | BSD |
| attr | 2.4.48 | LGPLv2.1+ |
| base-files | 3.0.14 | GPLv2 |
| base-passwd | 3.5.29 | GPLv2 |
| busybox | 1.31.1 | GPLv2 & bzip2-1.0.6 |
| bzip2 | 1.0.8 | bzip2-1.0.6 |
| cgroup-lite | 1.15 | GPLv2 |
| chrony | 3.5 | GPLv2 |
| cronie | 1.5.5 | ISC & BSD-3-Clause & BSD-2-Clause & GPLv2+ |
| cryptodev-module | 1.10 | GPLv2 |
| dash | 0.5.10.2 | BSD & GPLv2+ |
| device-tree | xilinx gitAUTOINC+73e546e312 | GPLv2 |
| dtc | 1.4.5 | GPLv2 BSD |
| e2fsprogs | 1.45.4 | GPLv2 & LGPLv2 & BSD & MIT |
| eudev | 3.2.9 | GPLv2.0+ & LGPL-2.1+ |
| fsccryptctl | 0.1.0 | Apache-2.0 |
| gcc-runtime | 9.3.0 | GPL-3.0-with-GCC-exception |
| gcc-sanitizers | 9.3.0 | NCSA MIT |
| glib-2.0 | 2.62.6 | LGPLv2.1+ & BSD & PD |
| glibc | 2.31 gitAUTOINC+6fdf971c9d | GPLv2 & LGPLv2.1 * |
| init-ifupdown | 1.0 | GPLv2 |
| initscripts | 1.0 | GPLv2 |
| kernel-module-pcie | 0.9.11 | GPLv2 |

| Package | Version | License |
|--------------------------|-----------------------|------------------------------|
| kernel-module-pl-rng | 1.0 | GPLv2 |
| kernel-module-silex-gdma | 1.0 | GPLv2 |
| kernel-module-smem | 0.2 | GPLv2 |
| kernel-module-version | 1.0 | GPLv2 |
| kernel-module-xr9200 | 1.0 | GPLv2 |
| kexec-tools | 2.0.20 | GPLv2 |
| keyutils | 1.6.1 | LGPLv2.1+ & GPLv2.0+ * |
| kmod | 26 | LGPL-2.1+ |
| lib32-glibc | 2.31 | GPLv2 & LGPLv2.1 |
| | gitAUTOINC+6fdf971c9d | |
| lib32-smem-tests | 0.2 | GPLv2 |
| libarchive | 3.4.2 | BSD-2-Clause |
| libcap | 2.32 | BSD GPLv2 |
| libedit | 20191231-3.1 | BSD-3-Clause |
| libffi | 3.3 | MIT |
| libgcc | 9.3.0 | GPL-3.0-with-GCC-exception |
| libgcrypt | 1.8.5 | LGPLv2.1+ |
| libgpg-error | 1.37 | GPLv2+ & LGPLv2.1+ |
| libjitterentropy | 2.2.0 | GPLv2+ BSD |
| libpcre | 8.44 | BSD-3-Clause |
| libseccomp | 2.4.3 | LGPL-2.1 * |
| libtirpc | 1.2.6 | BSD-3-Clause |
| libubootenv | 0.3.1 | LGPL-2.1 |
| libxcrypt | 4.4.15 | LGPLv2.1 |
| libxml2 | 2.9.10 | MIT |
| linux-utimaco | 5.4.97 | GPLv2 |
| | gitAUTOINC+5e1942063d | |
| lxc | 4.0.2 | LGPLv2.1 & GPLv2 * |
| lz4 | 1.9.2 | BSD BSD-2-Clause GPL-2.0 |
| lzo | 2.10 | GPLv2+ |
| modutils-initscripts | 1.0 | PD |

| Package | Version | License |
|------------------|--|--|
| mtd-utils | 2.1.1 | GPLv2+ |
| ncurses | 6.2 | MIT |
| netbase | 6.1 | GPLv2 |
| openrc | 0.42.1 | BSD-2-Clause |
| openssh | 8.2p1 | BSD & ISC & MIT |
| openssl | 1.1.1g | openssl |
| opkg-utils | 0.4.2 | GPLv2+ |
| procps | 3.3.16 | GPLv2+ & LGPLv2+ |
| python3 | 3.8.2 | PSFv2 |
| quota | 4.05 | BSD & GPLv2+ & LGPLv2.1+ |
| rauc | 1.4 | LGPLv2.1 |
| rng-tools | 6.9 | GPLv2 |
| run-postinsts | 1.0 | MIT |
| shadow | 4.8.1 | BSD Artistic-1.0 |
| shadow-securetty | 4.6 | MIT |
| smem-tests | 0.2 | GPLv2 |
| squashfs-tools | 4.4 | GPL-2 |
| sysfsutils | 2.1.0 | LGPLv2.1 |
| syslog-ng | 3.24.1 | GPLv2 & LGPLv2.1 |
| sysvinit | 2.96 | GPLv2+ |
| sysvinit-inittab | 2.88dsf | GPLv2 |
| u-boot-tools | 2020.01 | GPLv2+ |
| u-boot-xlnx | v2019.01-xilinx-v2019.1 gitAUTOINC+d895ac5e94 | GPLv2+ |
| udev-extraconf | 1.1 | MIT |
| update-rc.d | 0.8 | GPLv2+ |
| util-linux | 2.35.1 | GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause |
| xz | 5.2.4 | PD |
| zlib | 1.2.11 | Zlib |
| zstd | 1.4.5 | BSD-3-Clause & GPLv2 |

3 License Texts

3.1 acl

3.1.1 COPYING.LGPL

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```

```
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```

```
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3.4 attr

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```
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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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3.6 base-passwd

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```

```
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Ty Coon, President of Vice
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```

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<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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3.9 cgroup-lite

3.9.1 copyright

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3.10 chrony

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3.11 cronie

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3.12 cryptodev-module

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```

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3.13 dash

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3.14 device-tree

3.14.1 xadcps.mdd

```
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#

OPTION psf_version = 3.0;

BEGIN driver xadcps

    OPTION supported_peripherals = (ps7_xadc);
    OPTION supported_os_types = (DTS);
    OPTION driver_state = ACTIVE;
    OPTION NAME = xadcps;

END driver
```

3.15 dtc

3.15.1 GPL

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 */
```

3.16 e2fsprogs

3.16.1 et_name.c

```
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Theodore Ts'o
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```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

```
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.
```

```
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```

```
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Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 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

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```
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
```

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Version 2, June 1991

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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 a brief 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.
```

```
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```

```
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```

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```
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!

3.16.3 e2p.h

```
/*  
 * e2p.h --- header file for the e2p library  
 *  
 * %Begin-Header%  
 * This file may be redistributed under the terms of the GNU Library  
 * General Public License, version 2.  
 * %End-Header%
```

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3.16.5 uuid.h.in

```
/*
 * Public include file for the UUID library
 *
 * Copyright (C) 1996, 1997, 1998 Theodore Ts'o.
 *
 * %Begin-Header%
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 * 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 NOT ADVISED OF THE POSSIBILITY OF SUCH
 * DAMAGE.
 * %End-Header%
```

3.16.6 ext2fs.h

```
/*
 * ext2fs.h --- ext2fs
 *
 * Copyright (C) 1993, 1994, 1995, 1996 Theodore Ts'o.
 *
 * %Begin-Header%
 * This file may be redistributed under the terms of the GNU Library
 * General Public License, version 2.
 * %End-Header%
```

3.16.7 ss.h

```
/*
 * Copyright 1987, 1988 by MIT Student Information Processing Board
 *
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 * its documentation for any purpose is hereby granted, provided that
 * the names of M.I.T. and the M.I.T. S.I.P.B. not be used in
 * advertising or publicity pertaining to distribution of the software
 * without specific, written prior permission. M.I.T. and the
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 * this software for any purpose. It is provided "as is" without
 * express or implied warranty.
 *
 * This quote is just too good to not pass on:
 *
 *     "BTW, I would have rejected the name Story Server because its
 *     initials are SS, the name of the secret police in Nazi
 *     Germany, probably the most despised pair of letters in western
 *     culture." --- http://scriptingnewsarchive.userland.com/1999/12/13
 *
 * Let no one say political correctness isn't dead....
```

3.17 eudev

3.17.1 COPYING

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3.18 fsccryptctl

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3.19 gcc-runtime

3.19.1 COPYING3.LIB

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library `Frob' (a library for tweaking knobs) written by James  
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```

```
<signature of Ty Coon>, 1 April 1990  
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```

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3.20 gcc-sanitizers

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```
=====  
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=====
```

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| Program | Directory |
|---------------|--------------------------------|
| ----- | ----- |
| mach_override | lib/interception/mach_override |

3.21 glib-2.0

3.21.1 glib.h

```
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```

```
<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
```

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3.21.4 pcre.h

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3.21.5 gmodule.h

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*/
```


3.22 glibc

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<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
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That's all there is to it!

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3.23 init-ifupdown

3.23.1 copyright

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3.24 initscripts

3.24.1 COPYING

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3.25 kernel-module-pcie

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3.26 kernel-module-pl-rng

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3.27 kernel-module-silex-gdma

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3.28 kernel-module-smem

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3.30 kernel-module-xr9200

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```
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 *
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 *
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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

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- 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.

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END OF TERMS AND CONDITIONS

Appendix: 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) 19yy <name of author>
```

```
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,  
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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., 675 Mass Ave, Cambridge, MA 02139, 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) 19yy 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
```

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3.32.2 LICENCE.LGPL

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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.

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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.

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"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.

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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.

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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.

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever

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

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

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

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

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

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```

```
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3.33 kmod

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3.40 libgcc

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3.41 libgcrpyt

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```
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```

```
<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
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That's all there is to it!

3.42 libgpg-error

3.42.1 COPYING

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```
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```

```
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Ty Coon, President of Vice
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```

```
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Ty Coon, President of Vice
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That's all there is to it!

3.42.4 init.c

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```

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```

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```
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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.
```

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```
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
```

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3.44 libpcre

3.44.1 LICENCE

PCRE LICENCE

PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service,
Cambridge, England.

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PCRE JUST-IN-TIME COMPILATION SUPPORT

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End

3.45 libseccomp

3.45.1 LICENSE

3.46 libtirpc

3.46.1 netname.c

```
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 */
```

3.47 libubootenv

3.47.1 lgpl-2.1.txt

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```

```
<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
```

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3.48 libxcrypt

3.48.1 LICENSING

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test-symbols-renames.sh, test-symbols-static.sh
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<signature of Ty Coon>, 1 April 1990  
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3.49 libxml2

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```
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3.52 lz4

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3.53 lzo

3.53.1 lzo_init.c

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```

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 */
```

3.56 ncurses

3.56.1 version.c

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3.58 openrc

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[Tatu continues]

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```
* @version 3.0 (December 2000)
*
* Optimised ANSI C code for the Rijndael cipher (now AES)
*
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
* @author Paulo Barreto <paulo.barreto@terra.com.br>
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3.60 openssl

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3.61 opkg-utils

3.61.1 opkg.py

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

3.63 python3

3.63.1 LICENSE

A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2 and above | 2.1.1 | 2001-now | PSF | yes |

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- (2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1

is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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3.64 quota

3.64.1 rquota_server.c

```
/*
 * QUOTA   An implementation of the diskquota system for the LINUX
 *         operating system. QUOTA is implemented using the BSD systemcall
 *         interface as the means of communication with the user level.
 *         Should work for all filesystems because of integration into the
 *         VFS layer of the operating system.
 *         This is based on the Melbourne quota system wich uses both user and
 *         group quota files.
 *
 *         This part does the lookup of the info.
 *
 * Author:  Marco van Wieringen <mvw@planets.elm.net>
 *
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 *         modify it under the terms of the GNU General Public License
 *         as published by the Free Software Foundation; either version
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 */

#include "config.h"
```

3.64.2 svc_socket.c

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Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA  
02111-1307 USA. */
```

3.65 rauc

3.65.1 COPYING

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Version 2.1, February 1999

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3.66 rng-tools

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3.67 run-postinsts

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3.68 shadow

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3.69 shadow-securetty

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3.70 smem-tests

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3.73 syslog-ng

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```
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syslog-ng/  
modules/java-common/  
modules/java/(native|proxies|src)/  
modules/native/
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FAQ:
====

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Q: Is it possible to create derived works of syslog-ng under the GPL/LGPL licenses?

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Q: Is it possible to create non-free plugins for syslog-ng?

A: Yes. It is our understanding that plugins are derived works of the syslog-ng core but not derived works of other plugins. Thus, non-free plugins are possible, provided they do not link to any of the GPLd plugins explicitly and the only connection between two plugins is via the syslog-ng core.

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=====

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/*-

```
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*/
```

3.74 sysvinit

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

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
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under certain conditions; type `show c' for details.
```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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

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```
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.
```

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```
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
```

```
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```

3.76 u-boot-tools

3.76.1 README

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-- Wolfgang Denk

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To make this easier, such license headers in the source files will be replaced with a single line reference to Unique License Identifiers as defined by the Linux Foundation's SPDX project [1].

If a "SPDX-License-Identifier:" line references more than one Unique License Identifier, then this means that the respective file can be used under the terms of either of these licenses, i. e. with

```
SPDX-License-Identifier: GPL-2.0+ OR BSD-3-Clause
```

you can choose between GPL-2.0+ and BSD-3-Clause licensing.

We use the SPDX Unique License Identifiers here; these are available at [2].

License identifier syntax

1. Placement:

The SPDX license identifier in U-Boot files shall be added at the first possible line in a file which can contain a comment. For the majority of files this is the first line, except for scripts which require the '#!PATH_TO_INTERPRETER' in the first line. For those scripts the SPDX identifier goes into the second line.

|

2. Style:

The SPDX license identifier is added in form of a comment. The comment style depends on the file type::

```
C source: // SPDX-License-Identifier: <SPDX License Expression>
C header: /* SPDX-License-Identifier: <SPDX License Expression> */
ASM:      /* SPDX-License-Identifier: <SPDX License Expression> */
scripts:  # SPDX-License-Identifier: <SPDX License Expression>
.rst:     .. SPDX-License-Identifier: <SPDX License Expression>
.dts{i}:  // SPDX-License-Identifier: <SPDX License Expression>
```

If a specific tool cannot handle the standard comment style, then the appropriate comment mechanism which the tool accepts shall be used. This is the reason for having the "/* */" style comment in C header files. There was build breakage observed with generated .lds files where 'ld' failed to parse the C++ comment. This has been fixed by now, but there are still older assembler tools which cannot handle C++ style comments.

|

3. Syntax:

A <SPDX License Expression> is either an SPDX short form license identifier found on the SPDX License List, or the combination of two SPDX short form license identifiers separated by "WITH" when a license exception applies. When multiple licenses apply, an expression consists of keywords "AND", "OR" separating sub-expressions and surrounded by "(", ")" .

License identifiers for licenses like [L]GPL with the 'or later' option are constructed by using a "+" for indicating the 'or later' option::

```
// SPDX-License-Identifier: GPL-2.0+
// SPDX-License-Identifier: LGPL-2.1+
```

WITH should be used when there is a modifier to a license needed. For example, the linux kernel UAPI files use the expression::

```
// SPDX-License-Identifier: GPL-2.0 WITH Linux-syscall-note
// SPDX-License-Identifier: GPL-2.0+ WITH Linux-syscall-note
```

Other examples using WITH exceptions found in the linux kernel are::

```
// SPDX-License-Identifier: GPL-2.0 WITH mif-exception
// SPDX-License-Identifier: GPL-2.0+ WITH GCC-exception-2.0
```

Exceptions can only be used with particular License identifiers. The valid license identifiers are listed in the tags of the exception text

file.

OR should be used if the file is dual licensed and only one license is to be selected. For example, some dtsi files are available under dual licenses::

```
// SPDX-License-Identifier: GPL-2.0 OR BSD-3-Clause
```

Examples from U-Boot for license expressions in dual licensed files::

```
// SPDX-License-Identifier: GPL-2.0 OR MIT
// SPDX-License-Identifier: GPL-2.0+ OR BSD-3-Clause
```

AND should be used if the file has multiple licenses whose terms all apply to use the file. For example, if code is inherited from another project and permission has been given to put it in U-Boot, but the original license terms need to remain in effect::

```
// SPDX-License-Identifier: (GPL-2.0 WITH Linux-syscall-note) AND MIT
```

Another other example where both sets of license terms need to be adhered to is::

```
// SPDX-License-Identifier: GPL-1.0+ AND LGPL-2.1+
```

[1] <http://spdx.org/>

[2] <http://spdx.org/licenses/>

| Full name | SPDX Identifier | OSI Approved | File name |
|---|-----------------|--------------|------------------|
| GNU General Public License v2.0 only | GPL-2.0 | Y | gpl-2.0.txt |
| GNU General Public License v2.0 or later | GPL-2.0+ | Y | gpl-2.0.txt |
| GNU Library General Public License v2 or later | LGPL-2.0+ | Y | lgpl-2.0.txt |
| GNU Lesser General Public License v2.1 or later | LGPL-2.1+ | Y | lgpl-2.1.txt |
| eCos license version 2.0 | eCos-2.0 | | eCos-2.0.txt |
| BSD 2-Clause License | BSD-2-Clause | Y | bsd-2-clause.txt |
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| ISC License | ISC | Y | isc.txt |
| SIL OPEN FONT LICENSE (OFL-1.1) | OFL-1.1 | Y | OFL.txt |
| X11 License | X11 | | x11.txt |

3.77 u-boot-xlnx

3.77.1 README

```
# SPDX-License-Identifier: GPL-2.0+  
#  
# (C) Copyright 2000 - 2013  
# Wolfgang Denk, DENX Software Engineering, wd@denx.de.
```

3.78 udev-extraconf

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3.79 update-rc.d

3.79.1 update-rc.d

```
# (c) 2003, 2004 Phil Blundell <pb@handhelds.org>
#
# SPDX-License-Identifier: GPL-2.0-or-later
#
```

```
initd="/etc/init.d"
etcdir="/etc/rc"
notreally=0
force=0
dostart=0
verbose=0
```

3.80 util-linux

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3.80.2 COPYING.LGPL-2.1-or-later

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Version 2.1, February 1999

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3.81 XZ

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```

```
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Ty Coon, President of Vice
```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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3.81.4 getopt.c

```
/* Getopt for GNU.
NOTE: getopt is now part of the C library, so if you don't know what
"Keep this file name-space clean" means, talk to drepper@gnu.org
before changing it!
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with this program; if not, write to the Free Software Foundation,
Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. */

#ifdef _LIBC
```

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3.82 zlib

3.82.1 zlib.h

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3.83 zstd

3.83.1 COPYING

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