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

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           that you changed the files and the date of any change.

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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.)

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    considered independent and separate works in themselves, then this
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    separate works. But when you distribute the same sections as part of
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    which is a work based on the Program, the distribution of the whole
must be

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    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
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   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
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   copy from a designated place, then offering equivalent access to copy
the
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code,
   even though third parties are not compelled to copy the source along
with the
   object code.

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(nettle-src 3.5.1-2)

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Version 3,¬†¬†29 June 2007

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Some devices are designed to deny users access to install or run modified
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is fundamentally incompatible with the aim of protecting users' freedom to change
the software. The systematic pattern of such abuse occurs in the area of products
for individuals to use, which is precisely where it is most unacceptable.
Therefore, we have designed this version of the GPL to prohibit the practice for
those products. If such problems arise substantially in other domains, we stand
ready to extend this provision to those domains in future versions of the GPL, as
needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States
should not allow patents to restrict development and use of software on
general-purpose computers, but in those that do, we wish to avoid the special
danger that patents applied to a free program could make it effectively
proprietary. To prevent this, the GPL assures that patents cannot be used to
render the program non-free.

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

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0. Definitions.

‚ÄúThis License‚Äù refers to version 3 of the GNU General Public License.

‚ÄúCopyright‚Äù also means copyright-like laws that apply to other kinds
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such as semiconductor masks.

‚ÄúThe Program‚Äù refers to any copyrightable work licensed under this
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licensee is addressed as ‚Äúyou‚Äù. ‚ÄúLicensees‚Äù and ‚Äúrecipients‚Äù
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or organizations.

To ‚Äúmodify‚Äù a work means to copy from or adapt all or part of the
work in a
fashion requiring copyright permission, other than the making of an exact
copy.
The resulting work is called a ‚Äúmodified version‚Äù of the earlier work
or a work
‚Äúbased on‚Äù the earlier work.

A ‚Äúcovered work‚Äù means either the unmodified Program or a work based
on the
Program.

To ‚Äúpropagate‚Äù a work means to do anything with it that, without
permission,
would make you directly or secondarily liable for infringement under
applicable
copyright law, except executing it on a computer or modifying a private
copy.
Propagation includes copying, distribution (with or without
modification), making
available to the public, and in some countries other activities as well.

To ‚Äúconvey‚Äù a work means any kind of propagation that enables other
parties to
make or receive copies. Mere interaction with a user through a computer
network,
with no transfer of a copy, is not conveying.

An interactive user interface displays ‚ÄúAppropriate Legal Notices‚Äù to
the extent
that it includes a convenient and prominently visible feature that (1)
displays

an appropriate copyright notice, and (2) tells the user that there is no warranty
for the work (except to the extent that warranties are provided), that licensees
may convey the work under this License, and how to view a copy of this License.
If the interface presents a list of user commands or options, such as a menu, a
prominent item in the list meets this criterion.

1. Source Code.

The ‚Äúsource code‚Äù for a work means the preferred form of the work for making
modifications to it. ‚ÄúObject code‚Äù means any non-source form of a work.

A ‚ÄúStandard Interface‚Äù means an interface that either is an official standard
defined by a recognized standards body, or, in the case of interfaces specified
for a particular programming language, one that is widely used among developers
working in that language.

The ‚ÄúSystem Libraries‚Äù of an executable work include anything, other than the
work as a whole, that (a) is included in the normal form of packaging a Major
Component, but which is not part of that Major Component, and (b) serves only to
enable use of the work with that Major Component, or to implement a Standard
Interface for which an implementation is available to the public in source code
form. A ‚ÄúMajor Component‚Äù, in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system (if any) on
which the executable work runs, or a compiler used to produce the work, or an
object code interpreter used to run it.

The ‚ÄúCorresponding Source‚Äù for a work in object code form means all the source
code needed to generate, install, and (for an executable work) run the object
code and to modify the work, including scripts to control those activities.
However, it does not include the work's System Libraries, or general-purpose
tools or generally available free programs which are used unmodified in
performing those activities but which are not part of the work. For example,

Corresponding Source includes interface definition files associated with source
files for the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require, such as by
intimate data communication or control flow between those subprograms and other
parts of the work.

The Corresponding Source need not include anything that users can regenerate
automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

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forbid circumvention of technological measures.

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You may convey verbatim copies of the Program's source code as you
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any medium, provided that you conspicuously and appropriately publish on
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to the
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all
recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and
you may
offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to
produce it
from the Program, in the form of source code under the terms of section
4,
provided that you also meet all of these conditions:

  * a) The work must carry prominent notices stating that you modified
it, and
    giving a relevant date.

  * b) The work must carry prominent notices stating that it is released
under

this License and any conditions added under section 7. This
requirement
    modifies the requirement in section 4 to ‚Äúkeep intact all
notices‚Äù.

  * c) You must license the entire work, as a whole, under this License
to anyone
    who comes into possession of a copy. This License will therefore
apply, along
    with any applicable section 7 additional terms, to the whole of the
work, and
    all its parts, regardless of how they are packaged. This License
gives no
    permission to license the work in any other way, but it does not
invalidate
    such permission if you have separately received it.

  * d) If the work has interactive user interfaces, each must display
Appropriate
    Legal Notices; however, if the Program has interactive interfaces
that do not
    display Appropriate Legal Notices, your work need not make them do
so.

A compilation of a covered work with other separate and independent
works, which
are not by their nature extensions of the covered work, and which are not
combined with it such as to form a larger program, in or on a volume of a
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or distribution medium, is called an ‚Äúaggregate‚Äù if the compilation
and its
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covered work in an aggregate does not cause this License to apply to the
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parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of
sections 4
and 5, provided that you also convey the machine-readable Corresponding
Source
under the terms of this License, in one of these ways:

  * a) Convey the object code in, or embodied in, a physical product
(including a
    physical distribution medium), accompanied by the Corresponding
Source fixed
    on a durable physical medium customarily used for software
interchange.

* b) Convey the object code in, or embodied in, a physical product
(including a
    physical distribution medium), accompanied by a written offer, valid
for at
    least three years and valid for as long as you offer spare parts or
customer
    support for that product model, to give anyone who possesses the
object code
    either (1) a copy of the Corresponding Source for all the software in
the
    product that is covered by this License, on a durable physical medium
    customarily used for software interchange, for a price no more than
your
    reasonable cost of physically performing this conveying of source, or
(2)
    access to copy the Corresponding Source from a network server at no
charge.

   * c) Convey individual copies of the object code with a copy of the
written
    offer to provide the Corresponding Source. This alternative is
allowed only
    occasionally and noncommercially, and only if you received the object
code
    with such an offer, in accord with subsection 6b.

   * d) Convey the object code by offering access from a designated place
(gratis
    or for a charge), and offer equivalent access to the Corresponding
Source in
    the same way through the same place at no further charge. You need
not
    require recipients to copy the Corresponding Source along with the
object
    code. If the place to copy the object code is a network server, the
    Corresponding Source may be on a different server (operated by you or
a third
    party) that supports equivalent copying facilities, provided you
maintain
    clear directions next to the object code saying where to find the
    Corresponding Source. Regardless of what server hosts the
Corresponding
    Source, you remain obligated to ensure that it is available for as
long as
    needed to satisfy these requirements.

   * e) Convey the object code using peer-to-peer transmission, provided
you
    inform other peers where the object code and Corresponding Source of
the work
    are being offered to the general public at no charge under subsection
6d.

A separable portion of the object code, whose source code is excluded from the
Corresponding Source as a System Library, need not be included in conveying the
object code work.

A ‚ÄúUser Product‚Äù is either (1) a ‚Äúconsumer product‚Äù, which means any tangible
personal property which is normally used for personal, family, or household
purposes, or (2) anything designed or sold for incorporation into a dwelling. In
determining whether a product is a consumer product, doubtful cases shall be
resolved in favor of coverage. For a particular product received by a particular
user, ‚Äúnormally used‚Äù refers to a typical or common use of that class of product,
regardless of the status of the particular user or of the way in which the
particular user actually uses, or expects or is expected to use, the product. A
product is a consumer product regardless of whether the product has substantial
commercial, industrial or non-consumer uses, unless such uses represent the only
significant mode of use of the product.

‚ÄúInstallation Information‚Äù for a User Product means any methods, procedures,
authorization keys, or other information required to install and execute modified
versions of a covered work in that User Product from a modified version of its
Corresponding Source. The information must suffice to ensure that the continued
functioning of the modified object code is in no case prevented or interfered
with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically
for use in, a User Product, and the conveying occurs as part of a transaction in
which the right of possession and use of the User Product is transferred to the
recipient in perpetuity or for a fixed term (regardless of how the transaction is
characterized), the Corresponding Source conveyed under this section must be
accompanied by the Installation Information. But this requirement does not apply
if neither you nor any third party retains the ability to install modified object

code on the User Product (for example, the work has been installed in
ROM).

The requirement to provide Installation Information does not include a
requirement to continue to provide support service, warranty, or updates
for a
work that has been modified or installed by the recipient, or for the
User
Product in which it has been modified or installed. Access to a network
may be
denied when the modification itself materially and adversely affects the
operation of the network or violates the rules and protocols for
communication
across the network.

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    least three years and valid for as long as you offer spare parts or
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    support for that product model, to give anyone who possesses the
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    product that is covered by this License, on a durable physical medium
    customarily used for software interchange, for a price no more than
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    reasonable cost of physically performing this conveying of source, or
(2)
    access to copy the Corresponding Source from a network server at no
charge.

  * c) Convey individual copies of the object code with a copy of the
written
    offer to provide the Corresponding Source. This alternative is
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    occasionally and noncommercially, and only if you received the object
code
    with such an offer, in accord with subsection 6b.

  * d) Convey the object code by offering access from a designated place
(gratis
    or for a charge), and offer equivalent access to the Corresponding
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    the same way through the same place at no further charge. You need
not
    require recipients to copy the Corresponding Source along with the
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    Corresponding Source may be on a different server (operated by you or
a third
    party) that supports equivalent copying facilities, provided you
maintain
    clear directions next to the object code saying where to find the
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    Source, you remain obligated to ensure that it is available for as
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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
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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
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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
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        b) Give prominent notice with the combined library of the fact that part of
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Version 2.1, February 1999

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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.
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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.

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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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party saying
it may be distributed under the terms of this Lesser General Public
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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
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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
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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
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translation is included without limitation in the term "modification".)

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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
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Activities other than copying, distribution and modification are not
covered by
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Library is not restricted, and output from such a program is covered only
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Library does and what the program that uses the Library does.

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    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
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    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
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sections of that work are not derived from the Library, and can be
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this License, and its terms, do not apply to those sections when
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In addition, mere aggregation of another work not based on the
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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
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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
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If such an object file uses only numerical parameters, data structure layouts and
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6. As an exception to the Sections above, you may also combine or link a "work
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      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
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      code, so that the user can modify the Library and then relink to
produce a
      modified executable containing the modified Library. (It is
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      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
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For an executable, the required form of the "work that uses the Library"
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it. However, as a special exception, the materials to be distributed need
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with the major components (compiler, kernel, and so on) of the operating
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on which the executable runs, unless that component itself accompanies
the

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object code
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the
     product that is covered by this License, on a durable physical medium
     customarily used for software interchange, for a price no more than
your
     reasonable cost of physically performing this conveying of source, or
(2)
     access to copy the Corresponding Source from a network server at no
charge.

   * c) Convey individual copies of the object code with a copy of the
written
     offer to provide the Corresponding Source. This alternative is
allowed only
     occasionally and noncommercially, and only if you received the object
code
     with such an offer, in accord with subsection 6b.

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(gratis
     or for a charge), and offer equivalent access to the Corresponding
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     the same way through the same place at no further charge. You need
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     require recipients to copy the Corresponding Source along with the
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     code. If the place to copy the object code is a network server, the
     Corresponding Source may be on a different server (operated by you or
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     party) that supports equivalent copying facilities, provided you
maintain
     clear directions next to the object code saying where to find the
     Corresponding Source. Regardless of what server hosts the
Corresponding

Source, you remain obligated to ensure that it is available for as
long as
    needed to satisfy these requirements.

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you
    inform other peers where the object code and Corresponding Source of
the work
    are being offered to the general public at no charge under subsection
6d.

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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.

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To apply these terms, attach the following notices to the library. It is safest
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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.

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

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(gnulib 20210822~d383792, libnss-mdns 0.14.1, python38-pip-wheel 19.2.3,
scratchbox2 1.99.0.24)

GNU Library General Public License
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Version 2, June 1991

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        [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.

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specially
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whose
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the software or use pieces of it in new free programs; and that you know
you can

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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
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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
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portions of the Library will still fall under Section 6.)

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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
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    materials from the same place.

    d) Verify that the user has already received a copy of these materials or
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For an executable, the required form of the "work that uses the Library" must
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It may happen that this requirement contradicts the license restrictions of other
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