





Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs. From 2002 to 2007, we also used a variant of the GPL, the combination of the GPL with the LGPL, which we call a 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 code with the library.

This license, the "Lesser" General Public License because it does less to protect the users' 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, it allows us to place a special notice to encourage the wider 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 be gained by limiting the free library to free software only, so we use the Lesser General Public License.

There are many other advantages to using a shared library, the combination of the GPL with the LGPL, which we call a 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 code with the library.

**TERMINATION AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION**

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each license is addressed to "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 other program which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work based on 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 the source code, including all header files, configuration files, assembly scripts, and any scripts used to control compilation and installation of the library. For a combined work, the source code is the complete source code of the combined work, including all header files, configuration files, assembly scripts, and any scripts used to control compilation and installation of the library.

1. You may copy and distribute verbatim copies of the GNU Lesser General Public License 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; that 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, 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:

- The modified work must itself be a software library.
- You must cause the licensed to place prominent notices stating that you changed the files and the date of any change.
- You must cause the licensed to be licensed to each of the parties to whom you distribute the modified work.
- If the library in the modified Library refers to a function or a table of data to be supplied by an application program that uses the library, other than as an argument passed when the function is invoked, then you must make a good faith effort to ensure that the application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains unaffected by the absence of such function or table.

(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 you provide an application-supplied function or table used by the function must not be included in the application that uses the library.)

3. You may not copy, modify, sublicense, or distribute the Library or any portion of it, under these terms, if you have already modified it. You may not copy, modify, sublicense, or distribute the Library or any portion of it, under these terms, if you have already modified it. You may not copy, modify, sublicense, or distribute the Library or any portion of it, under these terms, if you have already modified it.

4. You may copy and distribute the Library (or a portion or derivative of it) 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.

5. 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 code along with the object code.

6. A library that is covered by this license is a derivative work, but is not a derivative work of the Library, and therefore falls outside the scope of this License.

7. Each time you redistribute the Library (or a portion or derivative of it), you must also distribute a copy of this License to the recipient. This license is hereby granted to the recipient as described in article 1 of this License. This license is hereby granted to the recipient as described in article 1 of this License.

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

9. You are not required to activate this License, since you have not signed it. However, nothing else gives you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying and distributing or modifying the Library or its derivative works based on Section 6, above, for a charge no more than the cost of performing this distribution.

10. If distribution of work is made by offering access to copy from a designated place, other equivalent access to copy the above specified materials for the same place.

11. You may not 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.

12. 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.

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

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

**3. Object Code Incorporating Material From Library Header Files.**

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

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

**4. Combined Works.**

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the Library and its use, provided that the combined work is licensed under the GNU GPL and this license document.

- A prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.
- A copy of the Combined Work with a copy of the GNU GPL and this license document.
- For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
- One of the following:

- Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.
- Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) is operated upon with a modified version of the Library that is interface-compatible with the Linked Version.
- Provide installation information that only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4b, the installation information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4c, the installation information must accompany the Minimal Corresponding Source and Corresponding Application Code.)

**5. Combined Libraries.**

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

- Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.
- Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

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

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. This version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License approved by the Free Software Foundation.

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

**THE MIT LICENSE**

This license is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

1. The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

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

3. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage or retrieval system, without the prior written permission of the copyright owner.

4. This license is given in consideration of the copyright owner's agreement that the copyright owner will not sue for patent infringement or otherwise to enforce under any particular circumstance, the balance of the section is intended to apply, and the section is a whole is intended to apply in other circumstances.

5. This license is given in consideration of the copyright owner's agreement that the copyright owner will not sue for patent infringement or otherwise to enforce under any particular circumstance, the balance of the section is intended to apply, and the section is a whole is intended to apply in other circumstances.

6. This license is given in consideration of the copyright owner's agreement that the copyright owner will not sue for patent infringement or otherwise to enforce under any particular circumstance, the balance of the section is intended to apply, and the section is a whole is intended to apply in other circumstances.

7. This license is given in consideration of the copyright owner's agreement that the copyright owner will not sue for patent infringement or otherwise to enforce under any particular circumstance, the balance of the section is intended to apply, and the section is a whole is intended to apply in other circumstances.

8. This license is given in consideration of the copyright owner's agreement that the copyright owner will not sue for patent infringement or otherwise to enforce under any particular circumstance, the balance of the section is intended to apply, and the section is a whole is intended to apply in other circumstances.

9. This license is given in consideration of the copyright owner's agreement that the copyright owner will not sue for patent infringement or otherwise to enforce under any particular circumstance, the balance of the section is intended to apply, and the section is a whole is intended to apply in other circumstances.

10. This license is given in consideration of the copyright owner's agreement that the copyright owner will not sue for patent infringement or otherwise to enforce under any particular circumstance, the balance of the section is intended to apply, and the section is a whole is intended to apply in other circumstances.

**EXCEPTED LIBRARY**

**8.1. Termination.**

**8.2. Patent Infringement.**

**8.3. Infringement.**

**9. LIMITATION OF LIABILITY.**

**10. U.S. GOVERNMENT END USERS.**

**11. MISCELLANEOUS.**

**12. RESPONSIBILITY FOR CLAIMS.**

**13. MULTIPLE-LICENSED CODE.**

**EXHIBIT A - Mozilla Public License.**

**EXHIBIT B - Mozilla Public License.**

**EXHIBIT C - Mozilla Public License.**

**EXHIBIT D - Mozilla Public License.**

**EXHIBIT E - Mozilla Public License.**

**EXHIBIT F - Mozilla Public License.**

**EXHIBIT G - Mozilla Public License.**

**EXHIBIT H - Mozilla Public License.**

**EXHIBIT I - Mozilla Public License.**

**EXHIBIT J - Mozilla Public License.**

**EXHIBIT K - Mozilla Public License.**

**10. Versions of the License.**

**11. New Versions.**

**12. Effect of New Versions.**

**13. Redistribution and Use in Source and Binary Forms.**

**14. Distribution of Source Code.**

**15. Patent Infringement.**

**16. Patent Infringement.**

**17. Patent Infringement.**

**18. Patent Infringement.**

**19. Patent Infringement.**

**20. Patent Infringement.**

**21. Patent Infringement.**

**22. Patent Infringement.**

**23. Patent Infringement.**

**24. Patent Infringement.**

**25. Patent Infringement.**

**26. Patent Infringement.**

**27. Patent Infringement.**

**28. Patent Infringement.**

**29. Patent Infringement.**

