



OSS **Review Toolkit**

Disclosure Document

apertis-ORT - v2025

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Table of Contents

1. Introduction	1
1.1. Written offer	1
2. Information about Software Packages	1
3. License Texts	157
3.1. 0BSD	157
3.2. AFL-2.0	157
3.3. AFL-2.1	159
3.4. Apache-2.0	162
3.5. Artistic-1.0-Perl	166
3.6. BSD-2-Clause	169
3.7. BSD-3-Clause	169
3.8. BSD-4-Clause-UC	170
3.9. Beerware	171
3.10. CC0-1.0	171
3.11. FTL	174
3.12. GPL-1.0-or-later	177
3.13. GPL-2.0-only	182
3.14. GPL-2.0-or-later	189
3.15. GPL-3.0-or-later	196
3.16. GPL-3.0-or-later WITH Autoconf-exception-2.0	209
3.17. GPL-3.0-or-later WITH Bison-exception-2.2	224
3.18. GPL-3.0-or-later WITH GCC-exception-3.1	237
3.19. ICU	252
3.20. ISC	253
3.21. LGPL-2.0-only	253
3.22. LGPL-2.0-or-later	263
3.23. LGPL-2.1-only	272
3.24. LGPL-2.1-or-later	282
3.25. LGPL-3.0-or-later	293
3.26. LicenseRef-AFL	296
3.27. LicenseRef-AmbiguousLicenseInfoFound	296
3.28. LicenseRef-Artistic	297
3.29. LicenseRef-BSD	297
3.30. LicenseRef-BSD-2-Clause-alike	297
3.31. LicenseRef-BSD-variant	297
3.32. LicenseRef-CC0	297
3.33. LicenseRef-Chromium	297
3.34. LicenseRef-Custom	297
3.35. LicenseRef-FFTPACK	297
3.36. LicenseRef-GPL-1.0-or-later-WITH-Bison-exception-1.24	297
3.37. LicenseRef-Hylafax	297
3.38. LicenseRef-Khronos	297
3.39. LicenseRef-LPGL-2.1-or-later	297

3.40. LicenseRef-MIT-1	297
3.41. LicenseRef-MIT-X11	298
3.42. LicenseRef-MIT-old	298
3.43. LicenseRef-MLAA	298
3.44. LicenseRef-MPL	298
3.45. LicenseRef-Mazieres-BSD-style	298
3.46. LicenseRef-NTP-Rushing	298
3.47. LicenseRef-NTP-disclaimer	298
3.48. LicenseRef-NoLicenseInfoFound	298
3.49. LicenseRef-PD	298
3.50. LicenseRef-Purdue	298
3.51. LicenseRef-Shadow-Artistic	298
3.52. LicenseRef-gsm	298
3.53. LicenseRef-perl.5	298
3.54. LicenseRef-public-domain	298
3.55. MIT	299
3.56. MIT-open-group	299
3.57. MPL-1.0	299
3.58. MPL-1.1	305
3.59. MPL-2.0	313
3.60. NTP	320
3.61. None	320
3.62. OLDAP-2.8	320
3.63. OpenSSL	321
3.64. SSH-OpenSSH	324
3.65. SWL	330
3.66. Sleepycat	331
3.67. Unicode-TOU	332
3.68. Unlicense	334
3.69. Vim	335
3.70. WTFPL	337
3.71. X11	337
3.72. Zlib	338
3.73. bzip2-1.0.6	338
3.74. curl	339

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2006-Jan-27

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Version 3, 29 June 2007

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```
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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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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 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.

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

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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.

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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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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

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- 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.)

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

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

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

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

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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

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

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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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* @version 3.0 (December 2000)

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* 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>

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