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Version 3.1, 31 March 2009

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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.]

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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

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

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If such an object file uses only numerical parameters, data

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- 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.
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<signature of Ty Coon>, 1 April 1990

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The distributed programs provide conversion between JPEG JFIF format and image files in PBMPLUS PPM/PGM, GIF, BMP, and Targa file formats. The core compression and decompression library can easily be reused in other programs, such as image viewers. The package is highly portable C code; we have tested it on many machines ranging from PCs to Crays.

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Contents of this directory

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jpegsrcN.zip contains source code, documentation, and test files for release N in Windows format.

jpegsrc.vN.tar.gz contains source code, documentation, and test files for release N in Unix format.

jpegaltuiN.zip contains source code for an alternate user interface for cjpeg/djpeg of release N in Windows format.

jpegaltui.vN.tar.gz contains source code for an alternate user interface for cjpeg/djpeg of release N in Unix format.

T-REC-T.871-201105-I!!PDF-E.pdf is a PDF (Portable Document Format) file of the JFIF (JPEG File Interchange Format) specification version 1.

This is a copy from <http://www.itu.int/rec/T-REC-T.871>.

jfif3.pdf is a PDF (Portable Document Format) file of the older JFIF (JPEG File Interchange Format) specification version 1.

This is a copy from <http://www.w3.org/Graphics/JPEG/jfif3.pdf>.

Wallace.JPEG.pdf is a PDF (Portable Document Format) file of Greg Wallace's introductory article about JPEG. This is an update of the article that appeared in the April 1991 Communications of the ACM.

jpeg.documents.gz tells where to obtain the JPEG standard and documents about JPEG-related file formats.

TIFFTechNote2.txt.gz is a draft of the proposed revisions to TIFF 6.0's JPEG support.

pm.errata.gz is the errata list for the first printing of the textbook "JPEG Still Image Data Compression Standard" by Pennebaker and Mitchell.

jdosaobj.zip contains pre-assembled object files for JMEMDOS.ASM.

If you want to compile the IJG code for MS-DOS, but don't have an assembler, these files may be helpful.