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Adobe (R) XMP Toolkit SDK 2014.12

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libtiff 4.0.7

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OpenCV 4.5.1

OpenSSL 3.1.0

Tesseract 5.0.0

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protobuf-net 2.4.3

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Jbig2enc 0.29

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Json.NET 13.0.2

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Microsoft.Win32.Registry 5.0.0

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zlib 1.2.3

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libjpeg-turbo 1.5.2, 2.1.4

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Apache log4net 2.0.12

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WinSCP.NET 6.3.1

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- protobuf-net 2.4.6.0

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- Prism.Core 7.2.0.1422

- Prism.Wpf 7.2.0.1422

- Prism.Unity 7.2.0.1422

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- Unity.Container 5.11.1.0

- Unity.Abstractions 5.11.1.0

- OpenCV 4.5.1

- OpenSSL 3.1.0

- Tesseract 5.0.0

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- ReactiveProperty 3.6.0.0

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- System.Reactive.Core 3.1.1.0
- System.Reactive.Interfaces 3.1.1.0
- System.Reactive.Linq 3.1.1.0
- System.Reactive.PlatformServices 3.1.1.0
- System.Reactive.Windows.Threading 3.1.1.0

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- System.ValueTuple 4.6.26515.6

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- Hardcodet.NotifyIcon.Wpf 1.0.5.0

URL : <http://www.codeproject.com/info/cpol10.aspx>

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- LibTiff.Net 2.4.639.0

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- LibJpeg.Net 1.3.311.0

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- VirtualizingWrapPanel 1.5.2.0

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- GongSolutions.WPF.DragDrop 3.1.1.3

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- Jbig2enc 0.29

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- OpenJPEG 2.4.0.1

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- zlib 1.2.3

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- Adobe(R) XMP Toolkit SDK 2014.12

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- Json.NET 13.0.2

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- Microsoft.Win32.Registry 5.0.20

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<fi Series Web API>

Json.NET 6.0.4
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JQuery 1.6.4
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Version 2.1, February 1999

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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

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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.

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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.

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.

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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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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.

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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 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

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

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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.

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signature of Ty Coon, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

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Version 3, 29 June 2007

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For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This 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.

“This License” refers to version 3 of the GNU General Public License.

“Copyright” also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

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The “source code” for a work means the preferred form of the work for making modifications to it. “Object code” means any non-source form of a work.

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Version 3.1, 31 March 2009

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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 *
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 *
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* A "png_get_copyright" function is available, for convenient use in "about"
* boxes and the like:
*
* printf("%s", png_get_copyright(NULL));
*
* Also, the PNG logo (in PNG format, of course) is supplied in the
* files "pngbar.png" and "pngbar.jpg (88x31) and "pngnow.png" (98x31).
*/

/*
* The contributing authors would like to thank all those who helped
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*
* Thanks to Frank J. T. Wojcik for helping with the documentation.
*/

/* Note about libpng version numbers:
*
* Due to various miscommunications, unforeseen code incompatibilities
* and occasional factors outside the authors' control, version numbering
* on the library has not always been consistent and straightforward.
* The following table summarizes matters since version 0.89c, which was
* the first widely used release:
*
* source          png.h  png.h  shared-lib
* version         string int  version
* -----
* 0.89c "1.0 beta 3"  0.89   89  1.0.89
* 0.90  "1.0 beta 4"  0.90   90  0.90 [should have been 2.0.90]
* 0.95  "1.0 beta 5"  0.95   95  0.95 [should have been 2.0.95]
* 0.96  "1.0 beta 6"  0.96   96  0.96 [should have been 2.0.96]
* 0.97b "1.00.97 beta 7" 1.00.97 97  1.0.1 [should have been 2.0.97]
* 0.97c                0.97   97  2.0.97
* 0.98                  0.98   98  2.0.98
* 0.99                  0.99   98  2.0.99
* 0.99a-m              0.99   99  2.0.99
* 1.00                  1.00  100  2.1.0 [100 should be 10000]
* 1.0.0 (from here on, the 100  2.1.0 [100 should be 10000]
* 1.0.1 png.h string is 10001 2.1.0
* 1.0.1a-e identical to the 10002 from here on, the shared library
* 1.0.2 source version) 10002 is 2.V where V is the source code
* 1.0.2a-b              10003 version, except as noted.
* 1.0.3                 10003
* 1.0.3a-d              10004
* 1.0.4                 10004
* 1.0.4a-f              10005
* 1.0.5 (+ 2 patches)  10005
* 1.0.5a-d              10006
* 1.0.5e-r              10100 (not source compatible)
* 1.0.5s-v              10006 (not binary compatible)
* 1.0.6 (+ 3 patches)  10006 (still binary incompatible)
* 1.0.6d-f              10007 (still binary incompatible)
* 1.0.6g                10007
* 1.0.6h                10007 10.6h (testing xy.z so-numbering)

```

```

* 1.0.6i                10007 10.6i
* 1.0.6j                10007 2.1.0.6j (incompatible with 1.0.0)
* 1.0.7beta11-14       DLLNUM 10007 2.1.0.7beta11-14 (binary compatible)
* 1.0.7beta15-18       1 10007 2.1.0.7beta15-18 (binary compatible)
* 1.0.7rc1-2           1 10007 2.1.0.7rc1-2 (binary compatible)
* 1.0.7                 1 10007 (still compatible)
* ...
* 1.0.19                10 10019 10.so.0.19[.0]
* ...
* 1.2.56                13 10256 12.so.0.56[.0]
* ...
* 1.5.27                15 10527 15.so.15.27[.0]
* ...
* 1.6.26                16 10626 16.so.16.26[.0]
*
* Henceforth the source version will match the shared-library major
* and minor numbers; the shared-library major version number will be
* used for changes in backward compatibility, as it is intended. The
* PNG_LIBPNG_VER macro, which is not used within libpng but is available
* for applications, is an unsigned integer of the form xyzzyz corresponding
* to the source version x.y.z (leading zeros in y and z). Beta versions
* were given the previous public release number plus a letter, until
* version 1.0.6j; from then on they were given the upcoming public
* release number plus "betaNN" or "rcNN".
*
* Binary incompatibility exists only when applications make direct access
* to the info_ptr or png_ptr members through png.h, and the compiled
* application is loaded with a different version of the library.
*
* DLLNUM will change each time there are forward or backward changes
* in binary compatibility (e.g., when a new feature is added).
*
* See libpng.txt or libpng.3 for more information. The PNG specification
* is available as a W3C Recommendation and as an ISO Specification,
* <http://www.w3.org/TR/2003/REC-PNG-20031110/
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 *
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 *
 * TODO:
 * * show settings for all devices
 */
```

```
/*
 * fontconfig/src/fcfonttype.c
 *
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 */
```

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```

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*/

/*****
*      Perl-Compatible Regular Expressions      *
*****/

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 *
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 * libpng versions 0.89c, June 1996, through 0.96, May 1997: Andreas Dilger
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 * See also "Contributing Authors", below.
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 * Note about libpng version numbers:
 *
 * Due to various miscommunications, unforeseen code incompatibilities
 * and occasional factors outside the authors' control, version numbering
 * on the library has not always been consistent and straightforward.
 * The following table summarizes matters since version 0.89c, which was
 * the first widely used release:
 *
 * source          png.h  png.h  shared-lib
 * version         string int  version
 * -----
 * 0.89c "1.0 beta 3"  0.89   89  1.0.89
 * 0.90  "1.0 beta 4"  0.90   90  0.90 [should have been 2.0.90]
 * 0.95  "1.0 beta 5"  0.95   95  0.95 [should have been 2.0.95]
 * 0.96  "1.0 beta 6"  0.96   96  0.96 [should have been 2.0.96]
 * 0.97b "1.00.97 beta 7" 1.00.97 97  1.0.1 [should have been 2.0.97]
 * 0.97c                0.97   97  2.0.97
 * 0.98                  0.98   98  2.0.98
 * 0.99                  0.99   98  2.0.99
 * 0.99a-m              0.99   99  2.0.99
 * 1.00                  1.00  100  2.1.0 [100 should be 10000]
 * 1.0.0 (from here on, the 100  2.1.0 [100 should be 10000]
 * 1.0.1 png.h string is 10001 2.1.0
 * 1.0.1a-e identical to the 10002 from here on, the shared library
 * 1.0.2 source version) 10002 is 2.V where V is the source code
 * 1.0.2a-b                10003 version, except as noted.
 * 1.0.3                  10003
 * 1.0.3a-d               10004
 * 1.0.4                  10004
 * 1.0.4a-f               10005
 * 1.0.5 (+ 2 patches)   10005
 * 1.0.5a-d               10006
 * 1.0.5e-r              10100 (not source compatible)
 * 1.0.5s-v              10006 (not binary compatible)
 * 1.0.6 (+ 3 patches)   10006 (still binary incompatible)
 * 1.0.6d-f              10007 (still binary incompatible)
 * 1.0.6g                10007
 * 1.0.6h                10007 10.6h (testing xy.z so-numbering)
 * 1.0.6i                10007 10.6i
 * 1.0.6j                10007 2.1.0.6j (incompatible with 1.0.0)
 * 1.0.7beta11-14        DLLNUM 10007 2.1.0.7beta11-14 (binary compatible)
 * 1.0.7beta15-18        1 10007 2.1.0.7beta15-18 (binary compatible)
 * 1.0.7rc1-2            1 10007 2.1.0.7rc1-2 (binary compatible)
 * 1.0.7                  1 10007 (still compatible)
 * 1.0.8beta1-4          1 10008 2.1.0.8beta1-4
```

*	1.0.8rc1	1	10008	2.1.0.8rc1
*	1.0.8	1	10008	2.1.0.8
*	1.0.9beta1-6	1	10009	2.1.0.9beta1-6
*	1.0.9rc1	1	10009	2.1.0.9rc1
*	1.0.9beta7-10	1	10009	2.1.0.9beta7-10
*	1.0.9rc2	1	10009	2.1.0.9rc2
*	1.0.9	1	10009	2.1.0.9
*	1.0.10beta1	1	10010	2.1.0.10beta1
*	1.0.10rc1	1	10010	2.1.0.10rc1
*	1.0.10	1	10010	2.1.0.10
*	1.0.11beta1-3	1	10011	2.1.0.11beta1-3
*	1.0.11rc1	1	10011	2.1.0.11rc1
*	1.0.11	1	10011	2.1.0.11
*	1.0.12beta1-2	2	10012	2.1.0.12beta1-2
*	1.0.12rc1	2	10012	2.1.0.12rc1
*	1.0.12	2	10012	2.1.0.12
*	1.1.0a-f	-	10100	2.1.1.0a-f (branch abandoned)
*	1.2.0beta1-2	2	10200	2.1.2.0beta1-2
*	1.2.0beta3-5	3	10200	3.1.2.0beta3-5
*	1.2.0rc1	3	10200	3.1.2.0rc1
*	1.2.0	3	10200	3.1.2.0
*	1.2.1beta1-4	3	10201	3.1.2.1beta1-4
*	1.2.1rc1-2	3	10201	3.1.2.1rc1-2
*	1.2.1	3	10201	3.1.2.1
*	1.2.2beta1-6	12	10202	12.so.0.1.2.2beta1-6
*	1.0.13beta1	10	10013	10.so.0.1.0.13beta1
*	1.0.13rc1	10	10013	10.so.0.1.0.13rc1
*	1.2.2rc1	12	10202	12.so.0.1.2.2rc1
*	1.0.13	10	10013	10.so.0.1.0.13
*	1.2.2	12	10202	12.so.0.1.2.2
*	1.2.3rc1-6	12	10203	12.so.0.1.2.3rc1-6
*	1.2.3	12	10203	12.so.0.1.2.3
*	1.2.4beta1-3	13	10204	12.so.0.1.2.4beta1-3
*	1.0.14rc1	13	10014	10.so.0.1.0.14rc1
*	1.2.4rc1	13	10204	12.so.0.1.2.4rc1
*	1.0.14	10	10014	10.so.0.1.0.14
*	1.2.4	13	10204	12.so.0.1.2.4
*	1.2.5beta1-2	13	10205	12.so.0.1.2.5beta1-2
*	1.0.15rc1-3	10	10015	10.so.0.1.0.15rc1-3
*	1.2.5rc1-3	13	10205	12.so.0.1.2.5rc1-3
*	1.0.15	10	10015	10.so.0.1.0.15
*	1.2.5	13	10205	12.so.0.1.2.5
*	1.2.6beta1-4	13	10206	12.so.0.1.2.6beta1-4
*	1.0.16	10	10016	10.so.0.1.0.16
*	1.2.6	13	10206	12.so.0.1.2.6
*	1.2.7beta1-2	13	10207	12.so.0.1.2.7beta1-2
*	1.0.17rc1	10	10017	12.so.0.1.0.17rc1
*	1.2.7rc1	13	10207	12.so.0.1.2.7rc1
*	1.0.17	10	10017	12.so.0.1.0.17
*	1.2.7	13	10207	12.so.0.1.2.7
*	1.2.8beta1-5	13	10208	12.so.0.1.2.8beta1-5
*	1.0.18rc1-5	10	10018	12.so.0.1.0.18rc1-5
*	1.2.8rc1-5	13	10208	12.so.0.1.2.8rc1-5
*	1.0.18	10	10018	12.so.0.1.0.18
*	1.2.8	13	10208	12.so.0.1.2.8
*	1.2.9beta1-3	13	10209	12.so.0.1.2.9beta1-3
*	1.2.9beta4-11	13	10209	12.so.0.9[.0]
*	1.2.9rc1	13	10209	12.so.0.9[.0]
*	1.2.9	13	10209	12.so.0.9[.0]
*	1.2.10beta1-7	13	10210	12.so.0.10[.0]
*	1.2.10rc1-2	13	10210	12.so.0.10[.0]
*	1.2.10	13	10210	12.so.0.10[.0]
*	1.4.0beta1-5	14	10400	14.so.0.0[.0]
*	1.2.11beta1-4	13	10211	12.so.0.11[.0]
*	1.4.0beta7-8	14	10400	14.so.0.0[.0]
*	1.2.11	13	10211	12.so.0.11[.0]
*	1.2.12	13	10212	12.so.0.12[.0]

*	1.4.0beta9-14	14	10400	14. so. 0. 0[. 0]
*	1.2.13	13	10213	12. so. 0. 13[. 0]
*	1.4.0beta15-36	14	10400	14. so. 0. 0[. 0]
*	1.4.0beta37-87	14	10400	14. so. 14. 0[. 0]
*	1.4.0rc01	14	10400	14. so. 14. 0[. 0]
*	1.4.0beta88-109	14	10400	14. so. 14. 0[. 0]
*	1.4.0rc02-08	14	10400	14. so. 14. 0[. 0]
*	1.4.0	14	10400	14. so. 14. 0[. 0]
*	1.4.1beta01-03	14	10401	14. so. 14. 1[. 0]
*	1.4.1rc01	14	10401	14. so. 14. 1[. 0]
*	1.4.1beta04-12	14	10401	14. so. 14. 1[. 0]
*	1.4.1	14	10401	14. so. 14. 1[. 0]
*	1.4.2	14	10402	14. so. 14. 2[. 0]
*	1.4.3	14	10403	14. so. 14. 3[. 0]
*	1.4.4	14	10404	14. so. 14. 4[. 0]
*	1.5.0beta01-58	15	10500	15. so. 15. 0[. 0]
*	1.5.0rc01-07	15	10500	15. so. 15. 0[. 0]
*	1.5.0	15	10500	15. so. 15. 0[. 0]
*	1.5.1beta01-11	15	10501	15. so. 15. 1[. 0]
*	1.5.1rc01-02	15	10501	15. so. 15. 1[. 0]
*	1.5.1	15	10501	15. so. 15. 1[. 0]
*	1.5.2beta01-03	15	10502	15. so. 15. 2[. 0]
*	1.5.2rc01-03	15	10502	15. so. 15. 2[. 0]
*	1.5.2	15	10502	15. so. 15. 2[. 0]
*	1.5.3beta01-10	15	10503	15. so. 15. 3[. 0]
*	1.5.3rc01-02	15	10503	15. so. 15. 3[. 0]
*	1.5.3beta11	15	10503	15. so. 15. 3[. 0]
*	1.5.3 [omitted]			
*	1.5.4beta01-08	15	10504	15. so. 15. 4[. 0]
*	1.5.4rc01	15	10504	15. so. 15. 4[. 0]
*	1.5.4	15	10504	15. so. 15. 4[. 0]
*	1.5.5beta01-08	15	10505	15. so. 15. 5[. 0]
*	1.5.5rc01	15	10505	15. so. 15. 5[. 0]
*	1.5.5	15	10505	15. so. 15. 5[. 0]
*	1.5.6beta01-07	15	10506	15. so. 15. 6[. 0]
*	1.5.6rc01-03	15	10506	15. so. 15. 6[. 0]
*	1.5.6	15	10506	15. so. 15. 6[. 0]
*	1.5.7beta01-05	15	10507	15. so. 15. 7[. 0]
*	1.5.7rc01-03	15	10507	15. so. 15. 7[. 0]
*	1.5.7	15	10507	15. so. 15. 7[. 0]
*	1.6.0beta01-40	16	10600	16. so. 16. 0[. 0]
*	1.6.0rc01-08	16	10600	16. so. 16. 0[. 0]
*	1.6.0	16	10600	16. so. 16. 0[. 0]
*	1.6.1beta01-09	16	10601	16. so. 16. 1[. 0]
*	1.6.1rc01	16	10601	16. so. 16. 1[. 0]
*	1.6.1	16	10601	16. so. 16. 1[. 0]
*	1.6.2beta01	16	10602	16. so. 16. 2[. 0]
*	1.6.2rc01-06	16	10602	16. so. 16. 2[. 0]
*	1.6.2	16	10602	16. so. 16. 2[. 0]
*	1.6.3beta01-11	16	10603	16. so. 16. 3[. 0]
*	1.6.3rc01	16	10603	16. so. 16. 3[. 0]
*	1.6.3	16	10603	16. so. 16. 3[. 0]
*	1.6.4beta01-02	16	10604	16. so. 16. 4[. 0]
*	1.6.4rc01	16	10604	16. so. 16. 4[. 0]
*	1.6.4	16	10604	16. so. 16. 4[. 0]
*	1.6.5	16	10605	16. so. 16. 5[. 0]
*	1.6.6	16	10606	16. so. 16. 6[. 0]
*	1.6.7beta01-04	16	10607	16. so. 16. 7[. 0]
*	1.6.7rc01-03	16	10607	16. so. 16. 7[. 0]
*	1.6.7	16	10607	16. so. 16. 7[. 0]
*	1.6.8beta01-02	16	10608	16. so. 16. 8[. 0]
*	1.6.8rc01-02	16	10608	16. so. 16. 8[. 0]
*	1.6.8	16	10608	16. so. 16. 8[. 0]
*	1.6.9beta01-04	16	10609	16. so. 16. 9[. 0]
*	1.6.9rc01-02	16	10609	16. so. 16. 9[. 0]
*	1.6.9	16	10609	16. so. 16. 9[. 0]
*	1.6.10beta01-03	16	10610	16. so. 16. 10[. 0]

```
* 1.6.10rc01-03      16   10610  16.so.16.10[.0]
* 1.6.10              16   10610  16.so.16.10[.0]
* 1.6.11beta01-06    16   10611  16.so.16.11[.0]
* 1.6.11rc01-02      16   10611  16.so.16.11[.0]
* 1.6.11              16   10611  16.so.16.11[.0]
* 1.6.12rc01-03      16   10612  16.so.16.12[.0]
* 1.6.12              16   10612  16.so.16.12[.0]
* 1.6.13beta01-04    16   10613  16.so.16.13[.0]
* 1.6.13rc01-02      16   10613  16.so.16.13[.0]
* 1.6.13              16   10613  16.so.16.13[.0]
```

```
*
* Henceforth the source version will match the shared-library major
* and minor numbers; the shared-library major version number will be
* used for changes in backward compatibility, as it is intended. The
* PNG_LIBPNG_VER macro, which is not used within libpng but is available
* for applications, is an unsigned integer of the form xyzzy corresponding
* to the source version x.y.z (leading zeros in y and z). Beta versions
* were given the previous public release number plus a letter, until
* version 1.0.6j; from then on they were given the upcoming public
* release number plus "betaNN" or "rcNN".
```

```
*
* Binary incompatibility exists only when applications make direct access
* to the info_ptr or png_ptr members through png.h, and the compiled
* application is loaded with a different version of the library.
```

```
*
* DLLNUM will change each time there are forward or backward changes
* in binary compatibility (e.g., when a new feature is added).
```

```
*
* See libpng-manual.txt or libpng.3 for more information. The PNG
* specification is available as a W3C Recommendation and as an ISO
* Specification, <http://www.w3.org/TR/2003/REC-PNG-20031110/
*/
```

```
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* A "png_get_copyright" function is available, for convenient use in "about"
* boxes and the like:
*
*   printf("%s", png_get_copyright(NULL));
*
* Also, the PNG logo (in PNG format, of course) is supplied in the
* files "pngbar.png" and "pngbar.jpg (88x31)" and "pngnow.png" (98x31).
```

*/

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/*

* The contributing authors would like to thank all those who helped
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* possible without all of you.

*

* Thanks to Frank J. T. Wojcik for helping with the documentation.

*/

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/* serpent-decrypt.c

- *
* The serpent block cipher.
*
* For more details on this algorithm, see the Serpent website at
* <http://www.cl.cam.ac.uk/~rja14/serpent.html>
*/

/* nettle, low-level cryptographics library

- *
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* the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston,
* MA 02111-1301, USA.
*/

/* This file is derived from cipher/serpent.c in Libgcrypt v1.4.6.
The adaption to Nettle was made by Simon Josefsson on 2010-12-07
with final touches on 2011-05-30. Changes include replacing
libgcrypt with nettle in the license template, renaming
serpent_context to serpent_ctx, renaming u32 to uint32_t, removing
libgcrypt stubs and selftests, modifying entry function prototypes,
using FOR_BLOCKS to iterate through data in encrypt/decrypt, using
LE_READ_UINT32 and LE_WRITE_UINT32 to access data in
encrypt/decrypt, and running indent on the code. */

/* serpent-set-key.c
*
* The serpent block cipher.
*
* For more details on this algorithm, see the Serpent website at
* http://www.cl.cam.ac.uk/~rja14/serpent.html
*/

/* nettle, low-level cryptographics library
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/* This file is derived from cipher/serpent.c in Libgcrypt v1.4.6.
The adaption to Nettle was made by Simon Josefsson on 2010-12-07
with final touches on 2011-05-30. Changes include replacing
libgcrypt with nettle in the license template, renaming
serpent_context to serpent_ctx, renaming u32 to uint32_t, removing
libgcrypt stubs and selftests, modifying entry function prototypes,
using FOR_BLOCKS to iterate through data in encrypt/decrypt, using
LE_READ_UINT32 and LE_WRITE_UINT32 to access data in
encrypt/decrypt, and running indent on the code. */

/*
* ifconfig This file contains an implementation of the command
```

```
*          that either displays or sets the characteristics of
*          one or more of the system's networking interfaces.
*
* Version:   $Id: ifconfig.c,v 1.58 2008/10/02 23:31:04 ecki Exp $
*
* Author:   Fred N. van Kempen, <waltje@uwalt.nl.mugnet.org>
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*          your option) any later version.
*
* Patched to support 'add' and 'del' keywords for INET(4) addresses
* by Mrs. Brisby <mrs.brisby@nimh.org>
*
* {1.34} - 19980630 - Arnaldo Carvalho de Melo <acme@conectiva.com.br>
*          - gettext instead of catgets for il8n
*          10/1998 - Andi Kleen. Use interface list primitives.
*          20001008 - Bernd Eckenfels, Patch from RH for setting mtu
*          (default AF was wrong)
*          20010404 - Arnaldo Carvalho de Melo, use setlocale
*/
```

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*
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```
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# Boston, MA 02111-1307, USA. */
#
# Copyright 2001, Russell Nelson <opkg.py@russnelson.com>
# Added reading in of packages.
# Added missing package information fields.
# Changed render_control() to __repr__().
#
# Current Issues:
# The API doesn't validate package information fields. It should be
# throwing exceptions in the right places.
# Executions of tar could silently fail.
# Executions of tar *do* fail, and loudly, because you have to specify a full filename,
# and tar complains if any files are missing, and the opkg spec doesn't require
# people to say "./control.tar.gz" or "./control" when they package files.
# It would be much better to require ./control or disallow ./control (either)
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```

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The of the start-stop-daemon

```
* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
*
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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```
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#
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#
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*/
```

```
/*
* Wireless Tools
*
* Jean II - HPLB 97->99 - HPL 99->07
*
* Main code for "iwconfig". This is the generic tool for most
* manipulations...
* You need to link this code against "iwlib.c" and "-lm".
*
* This file is released under the GPL license.
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*/
```

```
/*
* Wireless Tools
*
* Jean II - HPL 99->04
*
* Main code for "iwevent". This listent for wireless events on rtnetlink.
* You need to link this code against "iwcommon.c" and "-lm".
*
* Part of this code is from Alexey Kuznetsov, part is from Casey Carter,
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=====

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If you have questions, don't hesitate to ask the author(s) for more information.

/* Getopt for GNU.

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.8, April 28th, 2013

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

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=====

loginrec.c
loginrec.h
atomicio.h
atomicio.c

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```
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 *
 * curve25519-donna: Curve25519 elliptic curve, public key function
 *
 * http://code.google.com/p/curve25519-donna/
 *
 * Adam Langley <agl@imperialviolet.org>
 *
 * Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>
 *
 * More information about curve25519 can be found here
 * http://cr.yp.to/ecdh.html
 *
 * djb's sample implementation of curve25519 is written in a special assembly
 * language called qhasm and uses the floating point registers.
 *
 * This is, almost, a clean room reimplementation from the curve25519 paper. It
 * uses many of the tricks described therein. Only the crecip function is taken
 * from the sample implementation.
 */
```

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=====

loginrec.c
loginrec.h
atomicio.h
atomicio.c
and strlcat() (included in util.c) are from OpenSSH 3.6.1p2, and are licensed under the 2 point BSD license.

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=====

curve25519.c:

Modified TweetNaCl version 20140427, a self-contained public-domain C library.
<https://tweetnacl.cr.yp.to/>

Contributors (alphabetical order)

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The Independent JPEG Group's JPEG software

=====

README for release 8d of 15-Jan-2012

=====

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IJG is not affiliated with the ISO/IEC JTC1/SC29/WG1 standards committee
(also known as JPEG, together with ITU-T SG16).

DOCUMENTATION ROADMAP

=====

This file contains the following sections:

OVERVIEW	General description of JPEG and the IJG software.
LEGAL ISSUES	Copyright, lack of warranty, terms of distribution.
REFERENCES	Where to learn more about JPEG.
ARCHIVE LOCATIONS	Where to find newer versions of this software.

ACKNOWLEDGMENTS Special thanks.
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TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.txt How to configure and install the IJG software.
usage.txt Usage instructions for cjpeg, djpeg, jpegtran,
 rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.txt).
wizard.txt Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.txt How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.txt Overview of the JPEG library's internal structure.
filelist.txt Road map of IJG files.
coderrules.txt Coding style rules --- please read if you contribute code.

Please read at least the files install.txt and usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

=====

This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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REFERENCES

=====

We recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <http://www.ijg.org/files/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology.

If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for all the mistaken developments taking place in the image coding domain.

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

IJG JPEG 8 introduces an implementation of the JPEG SmartScale extension which is specified in two documents: A contributed document at ITU and ISO with title "ITU-T JPEG-Plus Proposal for Extending ITU-T T.81 for Advanced Image Coding", April 2006, Geneva, Switzerland. The latest version of this document is Revision 3. And a contributed document ISO/IEC JTC1/SC29/WG1 N

5799 with title "Evolution of JPEG", June/July 2011, Berlin, Germany.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from

<http://www.ecma-international.org/publications/techreports/E-TR-098.htm>.

A PostScript version of the JFIF document is available at

<http://www.ijg.org/files/jfif.ps.gz>. There is also a plain text version at

<http://www.ijg.org/files/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <http://www.ijg.org/files/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS

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The "official" archive site for this software is www.ijg.org. The most recent released version can always be found there in directory "files". This particular version will be archived as <http://www.ijg.org/files/jpegsr.v8d.tar.gz>, and in Windows-compatible "zip" archive format as <http://www.ijg.org/files/jpegsr8d.zip>.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG.

It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

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TO DO

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Version 8 is the first release of a new generation JPEG standard to overcome the limitations of the original JPEG specification. More features are being prepared for coming releases...

Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

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Here the stream cipher has been modified always to include the time when initializing the state. That makes it impossible to regenerate the same random sequence twice, so this can't be used for encryption, but will generate good random numbers.

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The algorithm is due to Ron Rivest. This code was written by Colin Plumb in 1993, no copyright is claimed.
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To compute the message digest of a chunk of bytes, declare an
MD5Context structure, pass it to MD5Init, call MD5Update as
needed on buffers full of bytes, and then call MD5Final, which
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```

This package contains the URI.pm module with friends. The module implements the URI class. Objects of this class represent Uniform Resource Identifier references as specified in RFC 2396 and updated by RFC 2732.

URI objects can be used to access and manipulate the various components that make up these strings. There are also methods to combine URIs in various ways.

Some tests require an Internet connection to work and are skipped if one is not active.

You need perl-5.8.1 or better to install this package. You should also have the MIME::Base64 module installed. Installation is otherwise as usual:

```
perl Makefile.PL
make
make test
make install
```

Questions about how to use this library should be directed to the comp.lang.perl.modules USENET Newsgroup. Bug reports and suggestions for improvements can be sent to the <libwww@perl.org> mailing list.

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\$Id\$

wpa_suppllcant and hostapd

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