libpng version 1.4.3 - June 26, 2010
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(Version 0.96 Copyright (c) 1996, 1997 Andreas Dilger)
(Version 0.88 Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.)

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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)

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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
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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]
1.4.1rc02-04            14    10401   14.so.14.1[.0]
1.4.1                   14    10401   14.so.14.1[.0]
1.4.2beta01             14    10402   14.so.14.2[.0]
1.4.2rc02-06            14    10402   14.so.14.2[.0]
1.4.2                   14    10402   14.so.14.2[.0]
1.4.3beta01-05          14    10403   14.so.14.3[.0]
1.4.3rc01-03            14    10403   14.so.14.3[.0]
1.4.3                   14    10403   14.so.14.3[.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 xyyzz 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 "rcN".

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/

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).

Libpng is OSI Certified Open Source Software. OSI Certified is a
certification mark of the Open Source Initiative.

The contributing authors would like to thank all those who helped
with testing, bug fixes, and patience. This wouldn't have been
possible without all of you.

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

Y2K compliance in libpng:
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    June 26, 2010

    Since the PNG Development group is an ad-hoc body, we can't make
    an official declaration.

    This is your unofficial assurance that libpng from version 0.71 and
    upward through 1.4.3 are Y2K compliant. It is my belief that earlier
    versions were also Y2K compliant.

    Libpng only has three year fields. One is a 2-byte unsigned integer
    that will hold years up to 65535. The other two hold the date in text
    format, and will hold years up to 9999.

    The integer is
        "png_uint_16 year" in png_time_struct.

    The strings are
        "png_charp time_buffer" in png_struct and
        "near_time_buffer", which is a local character string in png.c.

    There are seven time-related functions:
        png.c: png_convert_to_rfc_1123() in png.c
          (formerly png_convert_to_rfc_1152() in error)
        png_convert_from_struct_tm() in pngwrite.c, called in pngwrite.c
        png_convert_from_time_t() in pngwrite.c
        png_get_tIME() in pngget.c
        png_handle_tIME() in pngrutil.c, called in pngread.c
        png_set_tIME() in pngset.c
        png_write_tIME() in pngwutil.c, called in pngwrite.c

    All handle dates properly in a Y2K environment. The
    png_convert_from_time_t() function calls gmtime() to convert from system
    clock time, which returns (year - 1900), which we properly convert to
    the full 4-digit year. There is a possibility that applications using
    libpng are not passing 4-digit years into the png_convert_to_rfc_1123()
    function, or that they are incorrectly passing only a 2-digit year
    instead of "year - 1900" into the png_convert_from_struct_tm() function,

but this is not under our control. The libpng documentation has always
stated that it works with 4-digit years, and the APIs have been
documented as such.

The tIME chunk itself is also Y2K compliant. It uses a 2-byte unsigned
integer to hold the year, and can hold years as large as 65535.

zlib, upon which libpng depends, is also Y2K compliant. It contains
no date-related code.

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