ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is

thread safe. The data format used by the zlib library is described by RFCs

(Request for Comments) 1950 to 1952 in the files

http://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format)

and rfc1952.txt (gzip format).

All functions of the compression library are documented in the file zlib.h

(volunteer to write man pages welcome, contact zlib@gzip.org). Two compiled

examples are distributed in this package, example and minigzip. The example\_d

and minigzip\_d flavors validate that the zlib1.dll file is working correctly.

Questions about zlib should be sent to <zlib@gzip.org>. The zlib home page

is http://zlib.net/ . Before reporting a problem, please check this site to

verify that you have the latest version of zlib; otherwise get the latest

version and check whether the problem still exists or not.

PLEASE read DLL\_FAQ.txt, and the the zlib FAQ http://zlib.net/zlib\_faq.html

before asking for help.

Manifest:

The package zlib-1.2.11-win32-x86.zip will contain the following files:

README-WIN32.txt This document

ChangeLog Changes since previous zlib packages

DLL\_FAQ.txt Frequently asked questions about zlib1.dll

zlib.3.pdf Documentation of this library in Adobe Acrobat format

example.exe A statically-bound example (using zlib.lib, not the dll)

example.pdb Symbolic information for debugging example.exe

example\_d.exe A zlib1.dll bound example (using zdll.lib)

example\_d.pdb Symbolic information for debugging example\_d.exe

minigzip.exe A statically-bound test program (using zlib.lib, not the dll)

minigzip.pdb Symbolic information for debugging minigzip.exe

minigzip\_d.exe A zlib1.dll bound test program (using zdll.lib)

minigzip\_d.pdb Symbolic information for debugging minigzip\_d.exe

zlib.h Install these files into the compilers' INCLUDE path to

zconf.h compile programs which use zlib.lib or zdll.lib

zdll.lib Install these files into the compilers' LIB path if linking

zdll.exp a compiled program to the zlib1.dll binary

zlib.lib Install these files into the compilers' LIB path to link zlib

zlib.pdb into compiled programs, without zlib1.dll runtime dependency

(zlib.pdb provides debugging info to the compile time linker)

zlib1.dll Install this binary shared library into the system PATH, or

the program's runtime directory (where the .exe resides)

zlib1.pdb Install in the same directory as zlib1.dll, in order to debug

an application crash using WinDbg or similar tools.

All .pdb files above are entirely optional, but are very useful to a developer

attempting to diagnose program misbehavior or a crash. Many additional

important files for developers can be found in the zlib127.zip source package

available from http://zlib.net/ - review that package's README file for details.

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and

zlib specifications were written by L. Peter Deutsch. Thanks to all the

people who reported problems and suggested various improvements in zlib; they

are too numerous to cite here.

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If you use the zlib library in a product, we would appreciate \*not\* receiving

lengthy legal documents to sign. The sources are provided for free but without

warranty of any kind. The library has been entirely written by Jean-loup

Gailly and Mark Adler; it does not include third-party code.

If you redistribute modified sources, we would appreciate that you include in

the file ChangeLog history information documenting your changes. Please read

the FAQ for more information on the distribution of modified source versions.