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Open Source Software

boost	3
farmhash	4
folly	5
JsonCpp	9
libxml2	11
NotoSansCJK	15
zlib	17
NSIS	18
AS-DCP	25
cub	26
expat	27
ffmpeg	28
glew	45
imscjs	48
JasPer	49
liberationfont	51
libpng	53
libsamplerate	57
libtiff	58
libvpx	59
libxslt	61
MiniZip	63
mxflib	65
notosans	66
openh264	68
OpenSSL	69
PortAudio	72
protobuf	74
roboto	75
xmlsec	79

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*

*

* Functions to handle special quantities in floating-point numbers
* (that is, NaNs and infinity). They provide the capability to detect
* and fabricate special quantities.

*

* Although written to be as portable as possible, it can never be
* guaranteed to work on all platforms, as not all hardware supports
* special quantities.

*

* The approach used here (approximately) is to:

*

- * 1. Use C99 functionality when available.
- * 2. Use IEEE 754 bit-patterns if possible.
- * 3. Use platform-specific techniques.

*

*****/

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Mesa 3-D graphics library

Version: 7.0

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MiniZip - Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1
64 bits from Mathias Svensson

Introduction

MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant
(<http://www.winimage.com/zLibDll/minizip.html>)

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0. All possible work was done for compatibility.

Background

When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64 support for unzip.c into minizip for a open source project called gdal (<http://www.gdal.org/>)

That was used as a starting point. And after that ZIP64 support was added to zip.c some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1

-
- * Added ZIP64 support for unzip (by Even Rouault)
 - * Added ZIP64 support for zip (by Mathias Svensson)
 - * Reverted some changed that Even Rouault did.
 - * Bunch of patches received from Gulles Vollant that he received for MiniZip from various users.
 - * Added unzip patch for BZIP Compression method (patch create by Daniel Borca)
 - * Added BZIP Compress method for zip
 - * Did some refactoring and code cleanup
- Credits

Gilles Vollant - Original MiniZip author
Even Rouault - ZIP64 unzip Support
Daniel Borca - BZip Compression method support in unzip
Mathias Svensson - ZIP64 zip support
Mathias Svensson - BZip Compression method support in zip
Resources

ZipLayout <http://result42.com/projects/ZipFileLayout> Command line tool for Windows that shows the layout and information of the headers in a zip archive. Used when debugging and validating the creation of zip files using MiniZip64

ZIP App Note <http://www.pkware.com/documents/casestudies/APPNOTE.TXT>
Zip File specification

Notes. * To be able to use BZip compression method in zip64.c or unzip64.c the BZIP2 lib is needed and HAVE_BZIP2 need to be defined.

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