

NAME

zlib – compression/decompression library

SYNOPSIS

[see *zlib.h* for full description]

DESCRIPTION

The *zlib* library is a general purpose data compression library. The code is thread safe, assuming that the standard library functions used are thread safe, such as memory allocation routines. It provides in-memory compression and decompression functions, including integrity checks of the uncompressed data. This version of the library supports only one compression method (deflation) but other algorithms may be added later with the same stream interface.

Compression can be done in a single step if the buffers are large enough or can be done by repeated calls of the compression function. In the latter case, the application must provide more input and/or consume the output (providing more output space) before each call.

The library

<http://marknelson.us/1997/01/01/zlib-engine/>

REPORTING PROBLEMS

Before reporting a problem, please chec