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1. DPH151-AP

1.1 asn1c 0.9.21

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1.3 busybox-1.9.2 1.9.2

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loginrec.c

loginrec.h

atomicio.h

atomicio.c

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1.7 ethtool 6

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it! /\* nicstar.c v0.22 Jawaid Bazyar

(bazyar@hypermall.com)

\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see init\_nicstar() for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather lists

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers

\* as needed. This means that data must always be copied to create

\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

\* Fix is simple: make large buffers large enough to hold entire

\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then

\* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large

\* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer

\* combined, allow nicstar\_free\_rx\_skb to be called to

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\* recycle large data buffers

\* 2) skb\_clone of received buffers

\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation

\* details.

\*

\*

\*

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\*

\* M. Welsh, 6 July 1996

\*

\*

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1.15 libedit 20090923-3.0

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1.16 libpcap 0.9.8

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1.17 libxml2 2.7.3

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1.18 Lua 5.1.4

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1.19 ncurses-5.5 5.5

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# \$Id: Makefile.in,v 1.24 2005/01/29 19:30:06 tom Exp \$

#####

###

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#  
#####  
###  
#  
# Author: Thomas E. Dickey <dickey@clark.net> 1996,1997  
#

```

# Master Makefile for ncurses library.
SHELL = /bin/sh
DESTDIR=@DESTDIR@
CF_MFLAGS = @cf_cv_makeflags@ DESTDIR="$(DESTDIR)"
@SET_MAKE@
NCURSES_MAJOR = @NCURSES_MAJOR@
NCURSES_MINOR = @NCURSES_MINOR@
NCURSES_PATCH = @NCURSES_PATCH@
prefix = @prefix@
exec_prefix = @exec_prefix@
bindir = @bindir@
ticdir = @TERMINFO@
includedir = @includedir@
libdir = @libdir@
mandir = @mandir@
INSTALL = @INSTALL@
INSTALL_DATA = @INSTALL_DATA@
DIRS_TO_MAKE = @DIRS_TO_MAKE@
all :: $(DIRS_TO_MAKE)
$(DIRS_TO_MAKE) :
mkdir $@
preinstall :
@ echo "
@ echo '** Configuration summary for NCURSES
$(NCURSES_MAJOR).$(NCURSES_MINOR)
$(NCURSES_PATCH):'
@ echo "
@ echo ' extended funcs: `test @NCURSES_EXT_FUNCS@ != 0 && echo
yes || echo no`
@ echo ' xterm terminfo: '@WHICH_XTERM@
@ echo "
@ echo ' bin directory: '$(bindir)
@ echo ' lib directory: '$(libdir)
@ echo ' include directory: '$(includedir)
@ echo ' man directory: '$(mandir)
139 Open Source Licenses and Notices: AT&T 3G MicroCell 4013492 Rev D
@MAKE_TERMINFO@ @ echo ' terminfo directory: '$(ticdir)
@ echo "
@ test "$(includedir)" = "$(prefix)/include" || \
echo '** Include-directory is not in a standard location'
@ test ! -f $(includedir)/termcap.h || \
fgrep NCURSES_VERSION $(includedir)/termcap.h >/dev/null || \
echo '** Will overwrite non-ncurses termcap.h'
@ test ! -f $(includedir)/curses.h || \
fgrep NCURSES_VERSION $(includedir)/curses.h >/dev/null || \
echo '** Will overwrite non-ncurses curses.h'
# Put the common rules here so that we can easily construct the list of
# directories to visit.
all \
clean \
distclean \
mostlyclean \
realclean \
depend \
sources \
tags \

```

uninstall \  
install ::  
1.20 NTP 4.2.4 :P4  
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jpg "Clone me," says Dolly sheepishly  
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1. [1]Mark Andrews <mark\_andrews@isc.org> Leitch atomic clock controller
2. [2]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
3. [3]Viraj Bais <vbais@mailman1.intel.com> and [4]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
4. [5]Michael Barone <michael,barone@lmco.com> GPSVME fixes
5. [6]Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
10. [11]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
11. [12]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
12. [13]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
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14. [15]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port

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17. [18]John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing
18. [19]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
19. [20]Mike Iglesias <iglesias@uci.edu> DEC Alpha port
20. [21]Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
21. [22]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
22. [23]Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or [24]<H.Lambermont@chello.nl> ntpswep
23. [25]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
24. [26]Frank Kardel [27]<kardel (at) ntp (dot) org> PARSE <GENERIC> driver (>14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
25. [28]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
26. [29]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
27. [30]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
28. [31]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
- 141 **Open Source Licenses and Notices: AT&T 3G MicroCell 4013492 Rev D**
29. [32]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
30. [33]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
31. [34]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
32. [35]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG
33. [36]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
34. [37]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
35. [38]Tom Moore <tmoore@fielvel.daytonoh.ncr.com> i386 svr4 port
36. [39]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
37. [40]Derek Mulcahy <derek@toybox.demon.co.uk> and [41]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
38. [42]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
39. [43]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
40. [44]Wilfredo S?nchez <wsanchez@apple.com> added support for NetInfo
41. [45]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
42. [46]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
43. [47]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
44. [48]Michael Shields <shields@tembel.org> USNO clock driver
45. [49]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
46. [50]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
47. [51]Kenneth Stone <ken@sdd.hp.com> HP-UX port
48. [52]Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support

49. [53]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock driver
50. [54]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
51. [55]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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#### References

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1.28 zlib 1.2.3

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.3, July 18th, 2005

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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://www.ietf.org/rfc/rfc1950.txt>

(zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

\*/

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2. DPH151-Router

2.1 binutils-2.16.91.0.7 2.16.91.0.7

2.1.1 Available under license :

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# Makefile for buildroot2

#

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2.4 busybox 1.8.2

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2.12 ncurses-5.5 5.5

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# \$Id: Makefile.in,v 1.24 2005/01/29 19:30:06 tom Exp \$

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#
#####
###
#
# Author: Thomas E. Dickey <dickey@clark.net> 1996,1997
#
# Master Makefile for ncurses library.
SHELL = /bin/sh
DESTDIR=@DESTDIR@
CF_MFLAGS = @cf_cv_makeflags@ DESTDIR="$(DESTDIR)"
@SET_MAKE@
NCURSES_MAJOR = @NCURSES_MAJOR@
NCURSES_MINOR = @NCURSES_MINOR@
NCURSES_PATCH = @NCURSES_PATCH@
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prefix = @prefix@
exec_prefix = @exec_prefix@
bindir = @bindir@
ticdir = @TERMINFO@
includedir = @includedir@
libdir = @libdir@
mandir = @mandir@
INSTALL = @INSTALL@
INSTALL_DATA = @INSTALL_DATA@
DIRS_TO_MAKE = @DIRS_TO_MAKE@
all :: $(DIRS_TO_MAKE)
$(DIRS_TO_MAKE) :
mkdir $@
preinstall :
@ echo "
@ echo ** Configuration summary for NCURSES
$(NCURSES_MAJOR).$(NCURSES_MINOR) $(NCURSES_PATCH):'
@ echo "
@ echo ' extended funcs: `test @NCURSES_EXT_FUNCS@ != 0 && echo
yes || echo no`
@ echo ' xterm terminfo: '@WHICH_XTERM@
@ echo "

```

```
@ echo ' bin directory: '$(bindir)
@ echo ' lib directory: '$(libdir)
@ echo ' include directory: '$(includedir)
@ echo ' man directory: '$(mandir)
@MAKE_TERMINFO@ @ echo ' terminfo directory: '$(ticdir)
@ echo "
@ test "$(includedir)" = "$(prefix)/include" || \
echo '** Include-directory is not in a standard location'
@ test ! -f $(includedir)/termcap.h || \
fgrep NCURSES_VERSION $(includedir)/termcap.h >/dev/null || \
echo '** Will overwrite non-ncurses termcap.h'
@ test ! -f $(includedir)/curses.h || \
fgrep NCURSES_VERSION $(includedir)/curses.h >/dev/null || \
echo '** Will overwrite non-ncurses curses.h'
# Put the common rules here so that we can easily construct the list of
# directories to visit.
all \
clean \
distclean \
mostlyclean \
realclean \
depend \
sources \
tags \
uninstall \
```

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install ::

2.13 procps 3.2.7

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2.14 tcpdump 3.4

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2.16 uClibc 0.9.27

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

2.18 Zlib 1.1.4

2.18.1 Available under license :

License attached

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.1.4, March 11th, 2002

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Jean-loup Gailly Mark Adler

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The data format used by the zlib library is described by RFCs (Request

for Comments) 1950 to 1952 in the files ftp://ds.internic.net/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

\*/

2.19 zlib-1.2.3 1.2.3

2.19.1 Available under license :

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005
```

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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://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

```
*/
```

```
#ifndef ZLIB_H
#define ZLIB_H
#include "zconf.h"
#ifdef __cplusplus
extern "C" {
#endif
#define ZLIB_VERSION "1.2.3"
#define ZLIB_VERNUM 0x1230
/*
```

The 'zlib' compression library 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 will be added later and will have the same stream interface.

Compression can be done in a single step if the buffers are large enough (for example if an input file is mmap'ed), 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 compressed data format used by default by the in-memory functions is

the zlib format, which is a zlib wrapper documented in RFC 1950, wrapped around a deflate stream, which is itself documented in RFC 1951.

The library also supports reading and writing files in gzip (.gz) format

with an interface similar to that of stdio using the functions that start with "gz". The gzip format is different from the zlib format. gzip is a

gzip wrapper, documented in RFC 1952, wrapped around a deflate stream.

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This library can optionally read and write gzip streams in memory as well.

The zlib format was designed to be compact and fast for use in memory and on communications channels. The gzip format was designed for singlefile compression on file systems, has a larger header than zlib to maintain

directory information, and uses a different, slower check method than zlib.

The library does not install any signal handler. The decoder checks the consistency of the compressed data, so the library should never crash even in case of corrupted input.

```
*/
typedef voidpf (*alloc_func) OF((voidpf opaque, ulnt items, ulnt size));
typedef void (*free_func) OF((voidpf opaque, voidpf address));
struct internal_state;
typedef struct z_stream_s {
  Bytef *next_in; /* next input byte */
  ulnt avail_in; /* number of bytes available at next_in */
  uLong total_in; /* total nb of input bytes read so far */
  Bytef *next_out; /* next output byte should be put there */
  ulnt avail_out; /* remaining free space at next_out */
  uLong total_out; /* total nb of bytes output so far */
  char *msg; /* last error message, NULL if no error */
  struct internal_state FAR *state; /* not visible by applications */
  alloc_func zalloc; /* used to allocate the internal state */
  free_func zfree; /* used to free the internal state */
  voidpf opaque; /* private data object passed to zalloc and zfree */
  */
  int data_type; /* best guess about the data type: binary or text */
  */
  uLong Adler; /* Adler32 value of the uncompressed data */
  uLong reserved; /* reserved for future use */
} z_stream;
typedef z_stream FAR *z_stream;
```

gzip header information passed to and from zlib routines. See RFC 1952

for more details on the meanings of these fields.

```
*/
typedef struct gz_header_s {
  int text; /* true if compressed data believed to be text */
  uLong time; /* modification time */
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  int xflags; /* extra flags (not used when writing a gzip file) */
  */
  int os; /* operating system */
  Bytef *extra; /* pointer to extra field or Z_NULL if none */
  ulnt extra_len; /* extra field length (valid if extra != Z_NULL) */
  ulnt extra_max; /* space at extra (only when reading header) */
  Bytef *name; /* pointer to zero-terminated file name or Z_NULL */
  */
  ulnt name_max; /* space at name (only when reading header) */
  Bytef *comment; /* pointer to zero-terminated comment or Z_NULL */
  ulnt comm_max; /* space at comment (only when reading header) */
  */

```

```
int hrcrc; /* true if there was or will be a header crc */
int done; /* true when done reading gzip header (not used
when writing a gzip file) */
} gz_header;
typedef gz_header FAR *gz_headerp;
/*
```

The application must update next\_in and avail\_in when avail\_in has dropped to zero. It must update next\_out and avail\_out when avail\_out has dropped to zero. The application must initialize zalloc, zfree and opaque before calling the init function. All other fields are set by the compression library and must not be updated by the application. The opaque value provided by the application will be passed as the first parameter for calls of zalloc and zfree. This can be useful for custom memory management. The compression library attaches no meaning to the opaque value.

zalloc must return Z\_NULL if there is not enough memory for the object. If zlib is used in a multi-threaded application, zalloc and zfree must be thread safe.

On 16-bit systems, the functions zalloc and zfree must be able to allocate exactly 65536 bytes, but will not be required to allocate more than this if the symbol MAXSEG\_64K is defined (see zconf.h). WARNING: On MSDOS, pointers returned by zalloc for objects of exactly 65536 bytes \*must\* have their offset normalized to zero. The default allocation function provided by this library ensures this (see zutil.c). To reduce memory requirements and avoid any allocation of 64K objects, at the expense of compression ratio, compile the library with -DMAX\_WBITS=14 (see zconf.h).

The fields total\_in and total\_out can be used for statistics or progress reports. After compression, total\_in holds the total size of the uncompressed data and may be saved for use in the decompressor (particularly if the decompressor wants to decompress everything in a single step).

```
*/
```

```
/* constants */
```

```
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```

```
#define Z_NO_FLUSH 0
```

```
#define Z_PARTIAL_FLUSH 1 /* will be removed, use Z_SYNC_FLUSH instead */
```

```
#define Z_SYNC_FLUSH 2
```

```
#define Z_FULL_FLUSH 3
```

```
#define Z_FINISH 4
```

```
#define Z_BLOCK 5
```

```
/* Allowed flush values; see deflate() and inflate() below for details */
```

```
#define Z_OK 0
```

```
#define Z_STREAM_END 1
```

```
#define Z_NEED_DICT 2
```

```
#define Z_ERRNO (-1)
```

```
#define Z_STREAM_ERROR (-2)
```

```
#define Z_DATA_ERROR (-3)
```

```
#define Z_MEM_ERROR (-4)
```

```
#define Z_BUF_ERROR (-5)
```

```
#define Z_VERSION_ERROR (-6)
```

```
/* Return codes for the compression/decompression functions. Negative
* values are errors, positive values are used for special but normal
events.
```

```

*/
#define Z_NO_COMPRESSION 0
#define Z_BEST_SPEED 1
#define Z_BEST_COMPRESSION 9
#define Z_DEFAULT_COMPRESSION (-1)
/* compression levels */
#define Z_FILTERED 1
#define Z_HUFFMAN_ONLY 2
#define Z_RLE 3
#define Z_FIXED 4
#define Z_DEFAULT_STRATEGY 0
/* compression strategy; see deflateInit2() below for details */
#define Z_BINARY 0
#define Z_TEXT 1
#define Z_ASCII Z_TEXT /* for compatibility with 1.2.2 and earlier */
#define Z_UNKNOWN 2
/* Possible values of the data_type field (though see inflate()) */
#define Z_DEFLATED 8
/* The deflate compression method (the only one supported in this version)
*/
#define Z_NULL 0 /* for initializing zalloc, zfree, opaque */
#define zlib_version zlibVersion()
/* for compatibility with versions < 1.0.2 */
/* basic functions */
ZEXTERN const char * ZEXPORT zlibVersion OF((void));
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/* The application can compare zlibVersion and ZLIB_VERSION for
consistency.
If the first character differs, the library code actually used is
not compatible with the zlib.h header file used by the application.
This check is automatically made by deflateInit and inflateInit.
*/
/*
ZEXTERN int ZEXPORT deflateInit OF((z_streamp strm, int level));
Initializes the internal stream state for compression. The fields
zalloc, zfree and opaque must be initialized before by the caller.
If zalloc and zfree are set to Z_NULL, deflateInit updates them to
use default allocation functions.
The compression level must be Z_DEFAULT_COMPRESSION, or between 0 and
9:
1 gives best speed, 9 gives best compression, 0 gives no compression at
all (the input data is simply copied a block at a time).
Z_DEFAULT_COMPRESSION requests a default compromise between speed and
compression (currently equivalent to level 6).
deflateInit returns Z_OK if success, Z_MEM_ERROR if there was not
enough memory, Z_STREAM_ERROR if level is not a valid compression level,
Z_VERSION_ERROR if the zlib library version (zlib_version) is
incompatible
with the version assumed by the caller (ZLIB_VERSION).
msg is set to null if there is no error message. deflateInit does not
perform any compression: this will be done by deflate().
*/
ZEXTERN int ZEXPORT deflate OF((z_streamp strm, int flush));
/*
deflate compresses as much data as possible, and stops when the input
buffer becomes empty or the output buffer becomes full. It may introduce

```

some

output latency (reading input without producing any output) except when forced to flush.

The detailed semantics are as follows. deflate performs one or both of the

following actions:

- Compress more input starting at next\_in and update next\_in and avail\_in accordingly. If not all input can be processed (because there is not enough room in the output buffer), next\_in and avail\_in are updated and processing will resume at this point for the next call of deflate().

- Provide more output starting at next\_out and update next\_out and avail\_out

accordingly. This action is forced if the parameter flush is non zero.

Forcing flush frequently degrades the compression ratio, so this parameter

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should be set only when necessary (in interactive applications).

Some output may be provided even if flush is not set.

Before the call of deflate(), the application should ensure that at least one of the actions is possible, by providing more input and/or consuming more output, and updating avail\_in or avail\_out accordingly; avail\_out should never be zero before the call. The application can consume the compressed output when it wants, for example when the output buffer is full

(avail\_out == 0), or after each call of deflate(). If deflate returns

Z\_OK

and with zero avail\_out, it must be called again after making room in the output buffer because there might be more output pending.

Normally the parameter flush is set to Z\_NO\_FLUSH, which allows deflate to

decide how much data to accumulate before producing output, in order to maximize compression.

If the parameter flush is set to Z\_SYNC\_FLUSH, all pending output is flushed to the output buffer and the output is aligned on a byte boundary, so

that the decompressor can get all input data available so far. (In particular

avail\_in is zero after the call if enough output space has been provided before the call.) Flushing may degrade compression for some compression algorithms and so it should be used only when necessary.

If flush is set to Z\_FULL\_FLUSH, all output is flushed as with Z\_SYNC\_FLUSH, and the compression state is reset so that decompression can

restart from this point if previous compressed data has been damaged or if

random access is desired. Using Z\_FULL\_FLUSH too often can seriously degrade compression.

If deflate returns with avail\_out == 0, this function must be called again

with the same value of the flush parameter and more output space (updated avail\_out), until the flush is complete (deflate returns with non-zero avail\_out). In the case of a Z\_FULL\_FLUSH or Z\_SYNC\_FLUSH, make sure that avail\_out is greater than six to avoid repeated flush markers due to avail\_out == 0 on return.

If the parameter flush is set to Z\_FINISH, pending input is processed,

pending output is flushed and deflate returns with Z\_STREAM\_END if there was enough output space; if deflate returns with Z\_OK, this function must be called again with Z\_FINISH and more output space (updated avail\_out) but no more input data, until it returns with Z\_STREAM\_END or an error. After deflate has returned Z\_STREAM\_END, the only possible operations on the stream are deflateReset or deflateEnd.

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Z\_FINISH can be used immediately after deflateInit if all the compression

is to be done in a single step. In this case, avail\_out must be at least the value returned by deflateBound (see below). If deflate does not return

Z\_STREAM\_END, then it must be called again as described above.

deflate() sets strm->adler to the Adler32 checksum of all input read so far (that is, total\_in bytes).

deflate() may update strm->data\_type if it can make a good guess about the input data type (Z\_BINARY or Z\_TEXT). In doubt, the data is considered

binary. This field is only for information purposes and does not affect the compression algorithm in any manner.

deflate() returns Z\_OK if some progress has been made (more input processed or more output produced), Z\_STREAM\_END if all input has been consumed and all output has been produced (only when flush is set to Z\_FINISH), Z\_STREAM\_ERROR if the stream state was inconsistent (for example

if next\_in or next\_out was NULL), Z\_BUF\_ERROR if no progress is possible (for example avail\_in or avail\_out was zero). Note that Z\_BUF\_ERROR is not

fatal, and deflate() can be called again with more input and more output space to continue compressing.

\*/

```
ZEXTERN int ZEXPORT deflateEnd OF((z_streamp strm));
```

/\*

All dynamically allocated data structures for this stream are freed.

This function discards any unprocessed input and does not flush any pending output.

deflateEnd returns Z\_OK if success, Z\_STREAM\_ERROR if the stream state was inconsistent, Z\_DATA\_ERROR if the stream was freed prematurely (some input or output was discarded). In the error case, msg may be set but then points to a static string (which must not be deallocated).

\*/

/\*

```
ZEXTERN int ZEXPORT inflateInit OF((z_streamp strm));
```

Initializes the internal stream state for decompression. The fields next\_in, avail\_in, zalloc, zfree and opaque must be initialized before by

the caller. If next\_in is not Z\_NULL and avail\_in is large enough (the exact

value depends on the compression method), inflateInit determines the

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compression method from the zlib header and allocates all data structures

accordingly; otherwise the allocation will be deferred to the first call

of  
inflate. If zalloc and zfree are set to Z\_NULL, inflateInit updates  
them to  
use default allocation functions.  
inflateInit returns Z\_OK if success, Z\_MEM\_ERROR if there was not  
enough  
memory, Z\_VERSION\_ERROR if the zlib library version is incompatible with  
the  
version assumed by the caller. msg is set to null if there is no error  
message. inflateInit does not perform any decompression apart from  
reading  
the zlib header if present: this will be done by inflate(). (So next\_in  
and  
avail\_in may be modified, but next\_out and avail\_out are unchanged.)  
\*/

```
ZEXTERN int ZEXPORT inflate OF((z_streamp strm, int flush));
```

```
/*
```

inflate decompresses as much data as possible, and stops when the input  
buffer becomes empty or the output buffer becomes full. It may introduce  
some output latency (reading input without producing any output) except  
when  
forced to flush.

The detailed semantics are as follows. inflate performs one or both of  
the  
following actions:

- Decompress more input starting at next\_in and update next\_in and  
avail\_in

accordingly. If not all input can be processed (because there is not  
enough room in the output buffer), next\_in is updated and processing  
will resume at this point for the next call of inflate().

- Provide more output starting at next\_out and update next\_out and  
avail\_out

accordingly. inflate() provides as much output as possible, until  
there

is no more input data or no more space in the output buffer (see below  
about the flush parameter).

Before the call of inflate(), the application should ensure that at least  
one of the actions is possible, by providing more input and/or consuming  
more output, and updating the next\_\* and avail\_\* values accordingly.

The application can consume the uncompressed output when it wants, for  
example when the output buffer is full (avail\_out == 0), or after each  
call of inflate(). If inflate returns Z\_OK and with zero avail\_out, it  
must be called again after making room in the output buffer because there  
might be more output pending.

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The flush parameter of inflate() can be Z\_NO\_FLUSH, Z\_SYNC\_FLUSH,  
Z\_FINISH, or Z\_BLOCK. Z\_SYNC\_FLUSH requests that inflate() flush as much  
output as possible to the output buffer. Z\_BLOCK requests that inflate()  
stop

if and when it gets to the next deflate block boundary. When decoding the  
zlib or gzip format, this will cause inflate() to return immediately  
after

the header and before the first block. When doing a raw inflate,  
inflate()

will go ahead and process the first block, and will return when it gets  
to

the end of that block, or when it runs out of data.

The Z\_BLOCK option assists in appending to or combining deflate streams.

Also to assist in this, on return inflate() will set strm->data\_type to the

number of unused bits in the last byte taken from strm->next\_in, plus 64 if inflate() is currently decoding the last block in the deflate stream, plus 128 if inflate() returned immediately after decoding an end-of-block code or decoding the complete header up to just before the first byte of the

deflate stream. The end-of-block will not be indicated until all of the uncompressed data from that block has been written to strm->next\_out.

The

number of unused bits may in general be greater than seven, except when bit 7 of data\_type is set, in which case the number of unused bits will be

less than eight.

inflate() should normally be called until it returns Z\_STREAM\_END or an error. However if all decompression is to be performed in a single step (a single call of inflate), the parameter flush should be set to Z\_FINISH. In this case all pending input is processed and all pending output is flushed; avail\_out must be large enough to hold all the uncompressed data. (The size of the uncompressed data may have been saved by the compressor for this purpose.) The next operation on this stream must

be inflateEnd to deallocate the decompression state. The use of Z\_FINISH is never required, but can be used to inform inflate that a faster approach

may be used for the single inflate() call.

In this implementation, inflate() always flushes as much output as possible to the output buffer, and always uses the faster approach on the first call. So the only effect of the flush parameter in this implementation

is on the return value of inflate(), as noted below, or when it returns early

because Z\_BLOCK is used.

If a preset dictionary is needed after this call (see inflateSetDictionary

292 **Open Source Licenses and Notices: AT&T 3G MicroCell 4013492 Rev D** below), inflate sets strm->adler to the Adler32 checksum of the dictionary

chosen by the compressor and returns Z\_NEED\_DICT; otherwise it sets strm->adler to the Adler32 checksum of all output produced so far (that is, total\_out bytes) and returns Z\_OK, Z\_STREAM\_END or an error code as described

below. At the end of the stream, inflate() checks that its computed Adler32

checksum is equal to that saved by the compressor and returns Z\_STREAM\_END

only if the checksum is correct.

inflate() will decompress and check either zlib-wrapped or gzip-wrapped deflate data. The header type is detected automatically. Any information

contained in the gzip header is not retained, so applications that need that

information should instead use raw inflate, see inflateInit2() below, or inflateBack() and perform their own processing of the gzip header and trailer.

inflate() returns Z\_OK if some progress has been made (more input processed

or more output produced), Z\_STREAM\_END if the end of the compressed data has

been reached and all uncompressed output has been produced, Z\_NEED\_DICT

if a preset dictionary is needed at this point, Z\_DATA\_ERROR if the input data was

corrupted (input stream not conforming to the zlib format or incorrect check

value), Z\_STREAM\_ERROR if the stream structure was inconsistent (for example

if next\_in or next\_out was NULL), Z\_MEM\_ERROR if there was not enough memory,

Z\_BUF\_ERROR if no progress is possible or if there was not enough room in the

output buffer when Z\_FINISH is used. Note that Z\_BUF\_ERROR is not fatal, and

inflate() can be called again with more input and more output space to continue decompressing. If Z\_DATA\_ERROR is returned, the application may then

call inflateSync() to look for a good compression block if a partial recovery

of the data is desired.

\*/

```
ZEXTERN int ZEXPORT inflateEnd OF((z_streamp strm));
```

/\*

All dynamically allocated data structures for this stream are freed.

This function discards any unprocessed input and does not flush any pending output.

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inflateEnd returns Z\_OK if success, Z\_STREAM\_ERROR if the stream state was inconsistent. In the error case, msg may be set but then points to a static string (which must not be deallocated).

\*/

/\* Advanced functions \*/

/\*

The following functions are needed only in some special applications.

\*/

/\*

```
ZEXTERN int ZEXPORT deflateInit2 OF((z_streamp strm,
```

```
int level,
```

```
int method,
```

```
int windowBits,
```

```
int memLevel,
```

```
int strategy));
```

This is another version of deflateInit with more compression options.

The

fields next\_in, zalloc, zfree and opaque must be initialized before by the caller.

The method parameter is the compression method. It must be Z\_DEFLATED in

this version of the library.

The windowBits parameter is the base two logarithm of the window size (the size of the history buffer). It should be in the range 8..15 for this

version of the library. Larger values of this parameter result in better compression at the expense of memory usage. The default value is 15 if deflateInit is used instead.

windowBits can also be -8..-15 for raw deflate. In this case, -windowBits

determines the window size. deflate() will then generate raw deflate data

with no zlib header or trailer, and will not compute an Adler32 check value.

windowBits can also be greater than 15 for optional gzip encoding. Add 16 to windowBits to write a simple gzip header and trailer around the compressed data instead of a zlib wrapper. The gzip header will have no file name, no extra data, no comment, no modification time (set to zero),

no header CRC, and the operating system will be set to 255 (unknown).

If a

gzip stream is being written, strm->adler is a CRC32 instead of an Adler32.

The memLevel parameter specifies how much memory should be allocated for the internal compression state. memLevel=1 uses minimum memory but is slow and reduces compression ratio; memLevel=9 uses maximum memory for optimal speed. The default value is 8. See zconf.h for total memory usage as a function of windowBits and memLevel.

The strategy parameter is used to tune the compression algorithm. Use the

value Z\_DEFAULT\_STRATEGY for normal data, Z\_FILTERED for data produced by a

filter (or predictor), Z\_HUFFMAN\_ONLY to force Huffman encoding only (no string match), or Z\_RLE to limit match distances to one (run-length encoding). Filtered data consists mostly of small values with a somewhat random distribution. In this case, the compression algorithm is tuned to compress them better. The effect of Z\_FILTERED is to force more Huffman coding and less string matching; it is somewhat intermediate between Z\_DEFAULT and Z\_HUFFMAN\_ONLY. Z\_RLE is designed to be almost as fast as Z\_HUFFMAN\_ONLY, but give better compression for PNG image data. The strategy

parameter only affects the compression ratio but not the correctness of the

compressed output even if it is not set appropriately. Z\_FIXED prevents the

use of dynamic Huffman codes, allowing for a simpler decoder for special applications.

deflateInit2 returns Z\_OK if success, Z\_MEM\_ERROR if there was not enough

memory, Z\_STREAM\_ERROR if a parameter is invalid (such as an invalid method). msg is set to null if there is no error message. deflateInit2 does

not perform any compression: this will be done by deflate().

\*/

```
ZEXTERN int ZEXPORT deflateSetDictionary OF((z_streamp strm,
const Bytef *dictionary,
uInt dictLength));
```

/\*

Initializes the compression dictionary from the given byte sequence without producing any compressed output. This function must be called immediately after deflateInit, deflateInit2 or deflateReset, before any call of deflate. The compressor and decompressor must use exactly the same

dictionary (see inflateSetDictionary).

The dictionary should consist of strings (byte sequences) that are likely

to be encountered later in the data to be compressed, with the most commonly

used strings preferably put towards the end of the dictionary. Using a dictionary is most useful when the data to be compressed is short and can be

predicted with good accuracy; the data can then be compressed better than

with the default empty dictionary.

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Depending on the size of the compression data structures selected by deflateInit or deflateInit2, a part of the dictionary may in effect be discarded, for example if the dictionary is larger than the window size in

deflate or deflate2. Thus the strings most likely to be useful should be put at the end of the dictionary, not at the front. In addition, the current implementation of deflate will use at most the window size minus 262 bytes of the provided dictionary.

Upon return of this function, strm->adler is set to the Adler32 value of the dictionary; the decompressor may later use this value to determine

which dictionary has been used by the compressor. (The Adler32 value applies to the whole dictionary even if only a subset of the dictionary is

actually used by the compressor.) If a raw deflate was requested, then the

Adler32 value is not computed and strm->adler is not set.

deflateSetDictionary returns Z\_OK if success, or Z\_STREAM\_ERROR if a parameter is invalid (such as NULL dictionary) or the stream state is inconsistent (for example if deflate has already been called for this stream

or if the compression method is bsort). deflateSetDictionary does not perform any compression: this will be done by deflate().

\*/

```
ZEXTERN int ZEXPORT deflateCopy OF((z_streamp dest,  
z_streamp source));
```

/\*

Sets the destination stream as a complete copy of the source stream. This function can be useful when several compression strategies will be

tried, for example when there are several ways of pre-processing the input

data with a filter. The streams that will be discarded should then be freed

by calling deflateEnd. Note that deflateCopy duplicates the internal compression state which can be quite large, so this strategy is slow and can consume lots of memory.

deflateCopy returns Z\_OK if success, Z\_MEM\_ERROR if there was not

enough memory, Z\_STREAM\_ERROR if the source stream state was inconsistent (such as zalloc being NULL). msg is left unchanged in both source and destination.

\*/

```
ZEXTERN int ZEXPORT deflateReset OF((z_streamp strm));
```

/\*

This function is equivalent to deflateEnd followed by deflateInit, but does not free and reallocate all the internal compression state.

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The stream will keep the same compression level and any other attributes that may have been set by deflateInit2.

deflateReset returns Z\_OK if success, or Z\_STREAM\_ERROR if the source stream state was inconsistent (such as zalloc or state being NULL).

\*/

```
ZEXTERN int ZEXPORT deflateParams OF((z_streamp strm,
int level,
int strategy));
```

/\*

Dynamically update the compression level and compression strategy.

The

interpretation of level and strategy is as in deflateInit2. This can be used to switch between compression and straight copy of the input data, or

to switch to a different kind of input data requiring a different strategy. If the compression level is changed, the input available so far

is compressed with the old level (and may be flushed); the new level will take effect only at the next call of deflate().

Before the call of deflateParams, the stream state must be set as for a call of deflate(), since the currently available input may have to be compressed and flushed. In particular, strm->avail\_out must be nonzero.

deflateParams returns Z\_OK if success, Z\_STREAM\_ERROR if the source stream state was inconsistent or if a parameter was invalid, Z\_BUF\_ERROR if strm->avail\_out was zero.

\*/

```
ZEXTERN int ZEXPORT deflateTune OF((z_streamp strm,
int good_length,
int max_lazy,
int nice_length,
int max_chain));
```

/\*

Fine tune deflate's internal compression parameters. This should only be

used by someone who understands the algorithm used by zlib's deflate for searching for the best matching string, and even then only by the most fanatic optimizer trying to squeeze out the last compressed bit for their

specific input data. Read the deflate.c source code for the meaning of the

max\_lazy, good\_length, nice\_length, and max\_chain parameters.

deflateTune() can be called after deflateInit() or deflateInit2(), and returns Z\_OK on success, or Z\_STREAM\_ERROR for an invalid deflate stream.

\*/

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```
ZEXTERN uLong ZEXPORT deflateBound OF((z_streamp strm,  
uLong sourceLen));
```

```
/*
```

deflateBound() returns an upper bound on the compressed size after deflation of sourceLen bytes. It must be called after deflateInit() or deflateInit2(). This would be used to allocate an output buffer for deflation in a single pass, and so would be called before deflate().

```
*/
```

```
ZEXTERN int ZEXPORT deflatePrime OF((z_streamp strm,  
int bits,  
int value));
```

```
/*
```

deflatePrime() inserts bits in the deflate output stream. The intent is that this function is used to start off the deflate output with the bits leftover from a previous deflate stream when appending to it. As such, this function can only be used for raw deflate, and must be used before the first deflate() call after a deflateInit2() or deflateReset(). bits must be less than or equal to 16, and that many of the least significant bits of value will be inserted in the output. deflatePrime returns Z\_OK if success, or Z\_STREAM\_ERROR if the source stream state was inconsistent.

```
*/
```

```
ZEXTERN int ZEXPORT deflateSetHeader OF((z_streamp strm,  
gz_headerp head));
```

```
/*
```

deflateSetHeader() provides gzip header information for when a gzip stream is requested by deflateInit2(). deflateSetHeader() may be called after deflateInit2() or deflateReset() and before the first call of deflate(). The text, time, os, extra field, name, and comment information in the provided gz\_header structure are written to the gzip header (xflag is ignored -- the extra flags are set according to the compression level). The caller must assure that, if not Z\_NULL, name and comment are terminated with a zero byte, and that if extra is not Z\_NULL, that extra\_len bytes are available there. If hcrc is true, a gzip header crc is included. Note that the current versions of the command-line version of gzip (up through version 1.3.x) do not support header crc's, and will report that it is a "multipart gzip file" and give up. If deflateSetHeader is not used, the default gzip header has text false, the time set to zero, and os set to 255, with no extra, name, or comment fields. The gzip header is returned to the default state by deflateReset().

deflateSetHeader returns Z\_OK if success, or Z\_STREAM\_ERROR if the source stream state was inconsistent.

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```

*/
/*
ZEXTERN int ZEXPORT inflateInit2 OF((z_streamp strm,
int windowBits));
This is another version of inflateInit with an extra parameter. The
fields next_in, avail_in, zalloc, zfree and opaque must be initialized
before by the caller.
The windowBits parameter is the base two logarithm of the maximum
window
size (the size of the history buffer). It should be in the range 8..15
for
this version of the library. The default value is 15 if inflateInit is
used
instead. windowBits must be greater than or equal to the windowBits
value
provided to deflateInit2() while compressing, or it must be equal to 15
if
deflateInit2() was not used. If a compressed stream with a larger window
size is given as input, inflate() will return with the error code
Z_DATA_ERROR instead of trying to allocate a larger window.
windowBits can also be -8..-15 for raw inflate. In this case, -
windowBits
determines the window size. inflate() will then process raw deflate
data,
not looking for a zlib or gzip header, not generating a check value, and not
looking for any check values for comparison at the end of the stream.
This
is for use with other formats that use the deflate compressed data
format
such as zip. Those formats provide their own check values. If a custom
format is developed using the raw deflate format for compressed data, it
is
recommended that a check value such as an Adler32 or a CRC32 be applied
to
the uncompressed data as is done in the zlib, gzip, and zip formats.
For
most applications, the zlib format should be used as is. Note that
comments
above on the use in deflateInit2() applies to the magnitude of
windowBits.
windowBits can also be greater than 15 for optional gzip decoding. Add
32 to windowBits to enable zlib and gzip decoding with automatic header
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detection, or add 16 to decode only the gzip format (the zlib format
will
return a Z_DATA_ERROR). If a gzip stream is being decoded, strm->adler
is
a CRC32 instead of an Adler32.
inflateInit2 returns Z_OK if success, Z_MEM_ERROR if there was not
enough
memory, Z_STREAM_ERROR if a parameter is invalid (such as a null strm).
msg
is set to null if there is no error message. inflateInit2 does not
perform
any decompression apart from reading the zlib header if present: this

```

will  
be done by inflate(). (So next\_in and avail\_in may be modified, but  
next\_out  
and avail\_out are unchanged.)  
\*/

```
ZEXTERN int ZEXPORT inflateSetDictionary OF((z_streamp strm,  
const Bytef *dictionary,  
uInt dictLength));
```

/\*  
Initializes the decompression dictionary from the given uncompressed  
byte  
sequence. This function must be called immediately after a call of  
inflate,  
if that call returned Z\_NEED\_DICT. The dictionary chosen by the  
compressor  
can be determined from the Adler32 value returned by that call of  
inflate.

The compressor and decompressor must use exactly the same dictionary  
(see  
deflateSetDictionary). For raw inflate, this function can be called  
immediately after inflateInit2() or inflateReset() and before any call  
of

inflate() to set the dictionary. The application must insure that the  
dictionary that was used for compression is provided.  
inflateSetDictionary returns Z\_OK if success, Z\_STREAM\_ERROR if a  
parameter is invalid (such as NULL dictionary) or the stream state is  
inconsistent, Z\_DATA\_ERROR if the given dictionary doesn't match the  
expected one (incorrect Adler32 value). inflateSetDictionary does not  
perform any decompression: this will be done by subsequent calls of  
inflate().

```
*/  
ZEXTERN int ZEXPORT inflateSync OF((z_streamp strm));
```

/\*  
Skips invalid compressed data until a full flush point (see above the  
description of deflate with Z\_FULL\_FLUSH) can be found, or until all  
available input is skipped. No output is provided.

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inflateSync returns Z\_OK if a full flush point has been found,  
Z\_BUF\_ERROR  
if no more input was provided, Z\_DATA\_ERROR if no flush point has been  
found,  
or Z\_STREAM\_ERROR if the stream structure was inconsistent. In the  
success  
case, the application may save the current value of total\_in  
which  
indicates where valid compressed data was found. In the error case, the  
application may repeatedly call inflateSync, providing more input each  
time,  
until success or end of the input data.

```
*/  
ZEXTERN int ZEXPORT inflateCopy OF((z_streamp dest,  
z_streamp source));
```

/\*  
Sets the destination stream as a complete copy of the source stream.  
This function can be useful when randomly accessing a large stream.  
The

first pass through the stream can periodically record the inflate state, allowing restarting inflate at those points when randomly accessing the stream.

inflateCopy returns Z\_OK if success, Z\_MEM\_ERROR if there was not enough memory, Z\_STREAM\_ERROR if the source stream state was inconsistent (such as zalloc being NULL). msg is left unchanged in both source and destination.

```
*/  
ZEXTERN int ZEXPORT inflateReset OF((z_streamp strm));  
/*
```

This function is equivalent to inflateEnd followed by inflateInit, but does not free and reallocate all the internal decompression state. The stream will keep attributes that may have been set by inflateInit2. inflateReset returns Z\_OK if success, or Z\_STREAM\_ERROR if the source stream state was inconsistent (such as zalloc or state being NULL).

```
*/  
ZEXTERN int ZEXPORT inflatePrime OF((z_streamp strm,  
int bits,  
int value));  
/*
```

This function inserts bits in the inflate input stream. The intent is that this function is used to start inflating at a bit position in the middle of a byte. The provided bits will be used before any bytes are used

from next\_in. This function should only be used with raw inflate, and should be used before the first inflate() call after inflateInit2() or inflateReset(). bits must be less than or equal to 16, and that many of the

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least significant bits of value will be inserted in the input.

inflatePrime returns Z\_OK if success, or Z\_STREAM\_ERROR if the source stream state was inconsistent.

```
*/  
ZEXTERN int ZEXPORT inflateGetHeader OF((z_streamp strm,  
gz_headerp head));  
/*
```

inflateGetHeader() requests that gzip header information be stored in the provided gz\_header structure. inflateGetHeader() may be called after inflateInit2() or inflateReset(), and before the first call of inflate().

As inflate() processes the gzip stream, head->done is zero until the header is completed, at which time head->done is set to one. If a zlib stream is

being decoded, then head->done is set to -1 to indicate that there will be no gzip header information forthcoming. Note that Z\_BLOCK can be used to

force inflate() to return immediately after header processing is complete

and before any actual data is decompressed.

The text, time, xflags, and os fields are filled in with the gzip header

contents. hcrc is set to true if there is a header CRC. (The header

CRC

was valid if done is set to one.) If extra is not Z\_NULL, then extra\_max contains the maximum number of bytes to write to extra. Once done is true, extra\_len contains the actual extra field length, and extra contains the extra field, or that field truncated if extra\_max is less than extra\_len.

If name is not Z\_NULL, then up to name\_max characters are written there, terminated with a zero unless the length is greater than name\_max. If comment is not Z\_NULL, then up to comm\_max characters are written there, terminated with a zero unless the length is greater than comm\_max. When any of extra, name, or comment are not Z\_NULL and the respective field is

not present in the header, then that field is set to Z\_NULL to signal its absence. This allows the use of deflateSetHeader() with the returned structure to duplicate the header. However if those fields are set to allocated memory, then the application will need to save those pointers elsewhere so that they can be eventually freed.

If inflateGetHeader is not used, then the header information is simply discarded. The header is always checked for validity, including the header

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CRC if present. inflateReset() will reset the process to discard the header information. The application would need to call inflateGetHeader() again to retrieve the header from the next gzip stream. inflateGetHeader returns Z\_OK if success, or Z\_STREAM\_ERROR if the source stream state was inconsistent.

```
*/  
/*
```

```
ZEXTERN int ZEXPORT inflateBackInit OF((z_streamp strm, int windowBits,  
unsigned char FAR *window));
```

Initialize the internal stream state for decompression using inflateBack()

calls. The fields zalloc, zfree and opaque in strm must be initialized before the call. If zalloc and zfree are Z\_NULL, then the default library-derived

memory allocation routines are used. windowBits is the base two logarithm of the window size, in the range 8..15. window is a caller supplied buffer of that size. Except for special applications where it is

assured that deflate was used with small window sizes, windowBits must be 15

and a 32K byte window must be supplied to be able to decompress general deflate streams.

See inflateBack() for the usage of these routines.

inflateBackInit will return Z\_OK on success, Z\_STREAM\_ERROR if any of the parameters are invalid, Z\_MEM\_ERROR if the internal state could not be allocated, or Z\_VERSION\_ERROR if the version of the library does not match the version of the header file.

```
*/
```

```
typedef unsigned (*in_func) OF((void FAR *, unsigned char FAR * FAR *));
typedef int (*out_func) OF((void FAR *, unsigned char FAR *, unsigned));
ZEXTERN int ZEXPORT inflateBack OF((z_stream strm,
in_func in, void FAR *in_desc,
out_func out, void FAR *out_desc));
/*
```

inflateBack() does a raw inflate with a single call using a call-back interface for input and output. This is more efficient than inflate() for file i/o applications in that it avoids copying between the output and the sliding window by simply making the window itself the output buffer. This function trusts the application to not change the output buffer passed by the output function, at least until inflateBack() returns.

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inflateBackInit() must be called first to allocate the internal state and to initialize the state with the user-provided window buffer. inflateBack() may then be used multiple times to inflate a complete, raw deflate stream with each call. inflateBackEnd() is then called to free the allocated state.

A raw deflate stream is one with no zlib or gzip header or trailer. This routine would normally be used in a utility that reads zip or gzip files and writes out uncompressed files. The utility would decode the header and process the trailer on its own, hence this routine expects only the raw deflate stream to decompress. This is different from the normal behavior of inflate(), which expects either a zlib or gzip header and trailer around the deflate stream.

inflateBack() uses two subroutines supplied by the caller that are then called by inflateBack() for input and output. inflateBack() calls those routines until it reads a complete deflate stream and writes out all of the uncompressed data, or until it encounters an error. The function's parameters and return types are defined above in the in\_func and out\_func typedefs. inflateBack() will call in(in\_desc, &buf) which should return the number of bytes of provided input, and a pointer to that input in buf. If there is no input available, in() must return zero--buf is ignored in that case--and inflateBack() will return a buffer error. inflateBack() will call out(out\_desc, buf, len) to write the uncompressed data buf[0..len-1]. out() should return zero on success, or non-zero on failure. If out() returns non-zero, inflateBack() will return with an error. Neither in() nor out() are permitted to change the contents of the window provided to inflateBackInit(), which is also the buffer that out() uses to write from. The length written by out() will be at most the window size. Any nonzero amount of input may be provided by in().

For convenience, inflateBack() can be provided input on the first call by setting strm->next\_in and strm->avail\_in. If that input is exhausted, then

in() will be called. Therefore strm->next\_in must be initialized before calling inflateBack(). If strm->next\_in is Z\_NULL, then in() will be called

immediately for input. If strm->next\_in is not Z\_NULL, then strm->avail\_in

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must also be initialized, and then if strm->avail\_in is not zero, input will

initially be taken from strm->next\_in[0 .. strm->avail\_in - 1].

The in\_desc and out\_desc parameters of inflateBack() is passed as the first parameter of in() and out() respectively when they are called.

These

descriptors can be optionally used to pass any information that the callers supplied

in() and out() functions need to do their job.

On return, inflateBack() will set strm->next\_in and strm->avail\_in to pass back any unused input that was provided by the last in() call. The return values of inflateBack() can be Z\_STREAM\_END on success, Z\_BUF\_ERROR

if in() or out() returned an error, Z\_DATA\_ERROR if there was a format error in the deflate stream (in which case strm->msg is set to indicate the

nature of the error), or Z\_STREAM\_ERROR if the stream was not properly initialized. In the case of Z\_BUF\_ERROR, an input or output error can be

distinguished using strm->next\_in which will be Z\_NULL only if in() returned

an error. If strm->next is not Z\_NULL, then the Z\_BUF\_ERROR was due to out() returning non-zero. (in() will always be called before out(), so strm->next\_in is assured to be defined if out() returns non-zero.) Note that inflateBack() cannot return Z\_OK.

\*/

```
ZEXTERN int ZEXPORT inflateBackEnd OF((z_streamp strm));
```

/\*

All memory allocated by inflateBackInit() is freed.

inflateBackEnd() returns Z\_OK on success, or Z\_STREAM\_ERROR if the stream

state was inconsistent.

\*/

```
ZEXTERN uLong ZEXPORT zlibCompileFlags OF((void));
```

/\* Return flags indicating compile-time options.

Type sizes, two bits each, 00 = 16 bits, 01 = 32, 10 = 64, 11 = other:

1.0: size of ulnt

3.2: size of uLong

5.4: size of voidpf (pointer)

7.6: size of z\_off\_t

Compiler, assembler, and debug options:

8: DEBUG

9: ASMV or ASMINF -- use ASM code

10: ZLIB\_WINAPI -- exported functions use the WINAPI calling convention

11: 0 (reserved)

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One-time table building (smaller code, but not thread-safe if true):

12: BUILDFIXED -- build static block decoding tables when needed

13: DYNAMIC\_CRC\_TABLE -- build CRC calculation tables when needed

14,15: 0 (reserved)

Library content (indicates missing functionality):

16: NO\_GZCOMPRESS -- gz\* functions cannot compress (to avoid linking deflate code when not needed)

17: NO\_GZIP -- deflate can't write gzip streams, and inflate can't detect

and decode gzip streams (to avoid linking crc code)

18-19: 0 (reserved)

Operation variations (changes in library functionality):

20: PKZIP\_BUG\_WORKAROUND -- slightly more permissive inflate

21: FASTEST -- deflate algorithm with only one, lowest compression level

22,23: 0 (reserved)

The sprintf variant used by gzprintf (zero is best):

24: 0 = vs\*, 1 = s\* -- 1 means limited to 20 arguments after the format

25: 0 = \*nprintf, 1 = \*printf -- 1 means gzprintf() not secure!

26: 0 = returns value, 1 = void -- 1 means inferred string length returned

Remainder:

27-31: 0 (reserved)

\*/

/\* utility functions \*/

/\*

The following utility functions are implemented on top of the basic stream-oriented functions. To simplify the interface, some default options are assumed (compression level and memory usage, standard memory allocation functions). The source code of these utility functions can easily be modified if you need special options.

\*/

```
ZEXTERN int ZEXPORT compress OF((Bytef *dest, uLongf *destLen,
const Bytef *source, uLong sourceLen));
```

/\*

Compresses the source buffer into the destination buffer. sourceLen is

the byte length of the source buffer. Upon entry, destLen is the total size of the destination buffer, which must be at least the value

returned

by compressBound(sourceLen). Upon exit, destLen is the actual size of the

compressed buffer.

This function can be used to compress a whole file at once if the input file is mmap'ed.

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compress returns Z\_OK if success, Z\_MEM\_ERROR if there was not enough memory, Z\_BUF\_ERROR if there was not enough room in the output buffer.

\*/

```
ZEXTERN int ZEXPORT compress2 OF((Bytef *dest, uLongf *destLen,
const Bytef *source, uLong sourceLen,
int level));
```

/\*

Compresses the source buffer into the destination buffer. The level parameter has the same meaning as in deflateInit. sourceLen is the byte length of the source buffer. Upon entry, destLen is the total size of the destination buffer, which must be at least the value returned by compressBound(sourceLen). Upon exit, destLen is the actual size of the compressed buffer.

compress2 returns Z\_OK if success, Z\_MEM\_ERROR if there was not enough memory, Z\_BUF\_ERROR if there was not enough room in the output buffer, Z\_STREAM\_ERROR if the level parameter is invalid.

```
*/  
ZEXTERN uLong ZEXPORT compressBound OF((uLong sourceLen));
```

```
/*  
compressBound() returns an upper bound on the compressed size after  
compress() or compress2() on sourceLen bytes. It would be used before  
a compress() or compress2() call to allocate the destination buffer.
```

```
*/  
ZEXTERN int ZEXPORT uncompress OF((Bytef *dest, uLongf *destLen,  
const Bytef *source, uLong sourceLen));
```

```
/*  
Decompresses the source buffer into the destination buffer. sourceLen  
is  
the byte length of the source buffer. Upon entry, destLen is the total  
size of the destination buffer, which must be large enough to hold the  
entire uncompressed data. (The size of the uncompressed data must have  
been saved previously by the compressor and transmitted to the  
decompressor  
by some mechanism outside the scope of this compression library.)  
Upon exit, destLen is the actual size of the compressed buffer.  
This function can be used to decompress a whole file at once if the  
input file is mmap'ed.
```

```
uncompress returns Z_OK if success, Z_MEM_ERROR if there was not  
enough memory, Z_BUF_ERROR if there was not enough room in the output  
buffer, or Z_DATA_ERROR if the input data was corrupted or incomplete.
```

```
*/  
typedef voidp gzFile;  
ZEXTERN gzFile ZEXPORT gzopen OF((const char *path, const char *mode));
```

```
/*  
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```

```
Opens a gzip (.gz) file for reading or writing. The mode parameter  
is as in fopen ("rb" or "wb") but can also include a compression level  
("wb9") or a strategy: 'f' for filtered data as in "wb6f", 'h' for  
Huffman only compression as in "wb1h", or 'R' for run-length encoding  
as in "wb1R". (See the description of deflateInit2 for more information  
about the strategy parameter.)
```

```
gzopen can be used to read a file which is not in gzip format; in this  
case gzread will directly read from the file without decompression.  
gzopen returns NULL if the file could not be opened or if there was  
insufficient memory to allocate the (de)compression state; errno  
can be checked to distinguish the two cases (if errno is zero, the  
zlib error is Z_MEM_ERROR). */
```

```
ZEXTERN gzFile ZEXPORT gzdopen OF((int fd, const char *mode));
```

```
/*  
gzdopen() associates a gzFile with the file descriptor fd. File  
descriptors are obtained from calls like open, dup, creat, pipe or  
fileno (in the file has been previously opened with fopen).
```

The mode parameter is as in gzopen.

The next call of gzclose on the returned gzFile will also close the file descriptor fd, just like fclose(fdopen(fd), mode) closes the file descriptor fd. If you want to keep fd open, use gzdupen(dup(fd), mode). gzdupen returns NULL if there was insufficient memory to allocate the (de)compression state.

```
*/  
ZEXTERN int ZEXPORT gzsetparams OF((gzFile file, int level, int strategy));  
/*
```

Dynamically update the compression level or strategy. See the description

of deflateInit2 for the meaning of these parameters.

gzsetparams returns Z\_OK if success, or Z\_STREAM\_ERROR if the file was not opened for writing.

```
*/  
ZEXTERN int ZEXPORT gzread OF((gzFile file, voidp buf, unsigned len));  
/*
```

Reads the given number of uncompressed bytes from the compressed file. If the input file was not in gzip format, gzread copies the given number of bytes into the buffer.

gzread returns the number of uncompressed bytes actually read (0 for end of file, -1 for error). \*/

```
ZEXTERN int ZEXPORT gzwrite OF((gzFile file,  
voidpc buf, unsigned len));  
/*
```

Writes the given number of uncompressed bytes into the compressed file.

gzwrite returns the number of uncompressed bytes actually written (0 in case of error).

```
*/  
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```

```
ZEXTERN int ZEXPORTVA gzprintf OF((gzFile file, const char *format,  
...));  
/*
```

Converts, formats, and writes the args to the compressed file under control of the format string, as in fprintf. gzprintf returns the number of

uncompressed bytes actually written (0 in case of error). The number of uncompressed bytes written is limited to 4095. The caller should assure that

this limit is not exceeded. If it is exceeded, then gzprintf() will return

return an error (0) with nothing written. In this case, there may also be a

buffer overflow with unpredictable consequences, which is possible only if

zlib was compiled with the insecure functions sprintf() or vsprintf() because the secure snprintf() or vsnprintf() functions were not available.

```
*/  
ZEXTERN int ZEXPORT gzputs OF((gzFile file, const char *s));  
/*
```

Writes the given null-terminated string to the compressed file, excluding the terminating null character.

gzputs returns the number of characters written, or -1 in case of error.

\*/

ZEXTERN char \* ZEXPORT gzgets OF((gzFile file, char \*buf, int len));

/\*

Reads bytes from the compressed file until len-1 characters are read, or

a newline character is read and transferred to buf, or an end-of-file condition is encountered. The string is then terminated with a null character.

gzgets returns buf, or Z\_NULL in case of error.

\*/

ZEXTERN int ZEXPORT gzputc OF((gzFile file, int c));

/\*

Writes c, converted to an unsigned char, into the compressed file.

gzputc returns the value that was written, or -1 in case of error.

\*/

ZEXTERN int ZEXPORT gzgetc OF((gzFile file));

/\*

Reads one byte from the compressed file. gzgetc returns this byte or -1 in case of end of file or error.

\*/

ZEXTERN int ZEXPORT gzungetc OF((int c, gzFile file));

/\*

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Push one character back onto the stream to be read again later.

Only one character of push-back is allowed. gzungetc() returns the character pushed, or -1 on failure. gzungetc() will fail if a character has been pushed but not read yet, or if c is -1. The pushed character will be discarded if the stream is repositioned with gzseek() or gzrewind().

\*/

ZEXTERN int ZEXPORT gzflush OF((gzFile file, int flush));

/\*

Flushes all pending output into the compressed file. The parameter flush is as in the deflate() function. The return value is the zlib error number (see function gzerror below). gzflush returns Z\_OK if the flush parameter is Z\_FINISH and all output could be flushed. gzflush should be called only when strictly necessary because it can degrade compression.

\*/

ZEXTERN z\_off\_t ZEXPORT gzseek OF((gzFile file, z\_off\_t offset, int whence));

/\*

Sets the starting position for the next gzread or gzwrite on the given compressed file. The offset represents a number of bytes in the uncompressed data stream. The whence parameter is defined as in lseek(2);

the value SEEK\_END is not supported.

If the file is opened for reading, this function is emulated but can be

extremely slow. If the file is opened for writing, only forward seeks are

supported; gzseek then compresses a sequence of zeroes up to the new starting position.

gzseek returns the resulting offset location as measured in bytes

from  
the beginning of the uncompressed stream, or -1 in case of error, in  
particular if the file is opened for writing and the new starting  
position  
would be before the current position.

```
*/  
ZEXTERN int ZEXPORT gzrewind OF((gzFile file));  
/*
```

Rewinds the given file. This function is supported only for reading.  
gzrewind(file) is equivalent to (int)gzseek(file, 0L, SEEK\_SET)

```
*/  
ZEXTERN z_off_t ZEXPORT gztell OF((gzFile file));  
/*
```

Returns the starting position for the next gzread or gzwrite on the  
given compressed file. This position represents a number of bytes in the  
uncompressed data stream.

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gztell(file) is equivalent to gzseek(file, 0L, SEEK\_CUR)

```
*/  
ZEXTERN int ZEXPORT gzeof OF((gzFile file));  
/*
```

Returns 1 when EOF has previously been detected reading the given  
input stream, otherwise zero.

```
*/  
ZEXTERN int ZEXPORT gzdirect OF((gzFile file));  
/*
```

Returns 1 if file is being read directly without decompression,  
otherwise  
zero.

```
*/  
ZEXTERN int ZEXPORT gzclose OF((gzFile file));  
/*
```

Flushes all pending output if necessary, closes the compressed file  
and deallocates all the (de)compression state. The return value is the  
zlib  
error number (see function gzerror below).

```
*/  
ZEXTERN const char * ZEXPORT gzerror OF((gzFile file, int *errnum));  
/*
```

Returns the error message for the last error which occurred on the  
given compressed file. errnum is set to zlib error number. If an  
error occurred in the file system and not in the compression library,  
errnum is set to Z\_ERRNO and the application may consult errno  
to get the exact error code.

```
*/  
ZEXTERN void ZEXPORT gzclearerr OF((gzFile file));  
/*
```

Clears the error and end-of-file flags for file. This is analogous to  
the  
clearerr() function in stdio. This is useful for continuing to read a  
gzip  
file that is being written concurrently.

```
*/  
/* checksum functions */  
/*
```

These functions are not related to compression but are exported

anyway because they might be useful in applications using the compression library.

\*/

```
ZEXTERN uLong ZEXPORT Adler32 OF((uLong Adler, const Bytef *buf, ulint len));
```

/\*

Update a running Adler-32 checksum with the bytes `buf[0..len-1]` and return the updated checksum. If `buf` is `NULL`, this function returns the required initial value for the checksum.

An Adler-32 checksum is almost as reliable as a CRC32 but can be computed

much faster. Usage example:

```
uLong Adler = Adler32(0L, Z_NULL, 0);
while (read_buffer(buffer, length) != EOF) {
    Adler = Adler32(Adler, buffer, length);
}
```

```
if (Adler != original_Adler) error();
```

\*/

```
ZEXTERN uLong ZEXPORT Adler32_combine OF((uLong Adler1, uLong Adler2, z_off_t len2));
```

/\*

Combine two Adler-32 checksums into one. For two sequences of bytes, `seq1` and `seq2` with lengths `len1` and `len2`, Adler-32 checksums were calculated for each, `Adler1` and `Adler2`. `Adler32_combine()` returns the Adler-32 checksum of

`seq1` and `seq2` concatenated, requiring only `Adler1`, `Adler2`, and `len2`.

\*/

```
ZEXTERN uLong ZEXPORT Crc32 OF((uLong Crc, const Bytef *buf, ulint len));
```

/\*

Update a running CRC-32 with the bytes `buf[0..len-1]` and return the updated CRC-32. If `buf` is `NULL`, this function returns the required initial

value for the for the `Crc`. Pre- and post-conditioning (one's complement) is

performed within this function so it shouldn't be done by the application.

Usage example:

```
uLong Crc = Crc32(0L, Z_NULL, 0);
while (read_buffer(buffer, length) != EOF) {
    Crc = Crc32(Crc, buffer, length);
}
```

```
if (Crc != original_Crc) error();
```

\*/

```
ZEXTERN uLong ZEXPORT Crc32_combine OF((uLong Crc1, uLong Crc2, z_off_t len2));
```

/\*

Combine two CRC-32 check values into one. For two sequences of bytes, `seq1` and `seq2` with lengths `len1` and `len2`, CRC-32 check values were calculated for each, `Crc1` and `Crc2`. `Crc32_combine()` returns the CRC-32 check value of `seq1` and `seq2` concatenated, requiring only `Crc1`, `Crc2`, and

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`len2`.

```

*/
/* various hacks, don't look :) */
/* deflateInit and inflateInit are macros to allow checking the zlib
version
* and the compiler's view of z_stream:
*/
ZEXTERN int ZEXPORT deflateInit_OF((z_streamp strm, int level,
const char *version, int
stream_size));
ZEXTERN int ZEXPORT inflateInit_OF((z_streamp strm,
const char *version, int
stream_size));
ZEXTERN int ZEXPORT deflateInit2_OF((z_streamp strm, int level, int
method,
int windowBits, int memLevel,
int strategy, const char *version,
int stream_size));
ZEXTERN int ZEXPORT inflateInit2_OF((z_streamp strm, int windowBits,
const char *version, int
stream_size));
ZEXTERN int ZEXPORT inflateBackInit_OF((z_streamp strm, int windowBits,
unsigned char FAR *window,
const char *version,
int stream_size));
#define deflateInit(strm, level) \
deflateInit_((strm), (level), ZLIB_VERSION, sizeof(z_stream))
#define inflateInit(strm) \
inflateInit_((strm), ZLIB_VERSION, sizeof(z_stream))
#define deflateInit2(strm, level, method, windowBits, memLevel, strategy) \
deflateInit2_((strm), (level), (method), (windowBits), (memLevel), \
(strategy), ZLIB_VERSION, sizeof(z_stream))
#define inflateInit2(strm, windowBits) \
inflateInit2_((strm), (windowBits), ZLIB_VERSION, sizeof(z_stream))
#define inflateBackInit(strm, windowBits, window) \
inflateBackInit_((strm), (windowBits), (window), \
ZLIB_VERSION, sizeof(z_stream))
#if !defined(ZUTIL_H) && !defined(NO_DUMMY_DECL)
struct internal_state {int dummy;}; /* hack for buggy compilers */
#endif
ZEXTERN const char * ZEXPORT zError OF((int));
ZEXTERN int ZEXPORT inflateSyncPoint OF((z_streamp z));
ZEXTERN const uLongf * ZEXPORT get_crc_table OF((void));
#ifdef __cplusplus
}
#endif
#endif /* ZLIB_H */

```