

Windows Info-ZIP Unzip Index

Introduction

[What is WIZUnZip ?](#)

Commands

[File Menu](#)

[Edit Menu](#)

[Options Menu](#)

[View Menu](#)

Glossary

[Defined Terms](#)

Procedures

[Opening an Archive File](#)

[Showing the Archive Comment](#)

[Browsing Text in the Archive](#)

[Extracting Files from the Archive](#)

[Testing Files in the Archive](#)

[Exiting WIZUnZip](#)

Screen Regions

[Archive Directory Listbox](#)

[Pushbuttons](#)

[Status Window](#)

[Title Bar](#)

[Icon](#)

Error Messages

[Error Messages in the Status Window](#)

[Error Messages in Dialog Boxes](#)

Help

[Help Overview](#)

Product Information

[Who is Info-ZIP ?](#)

[Copyright and Distribution](#)

[Warranty or Lack Thereof](#)

[History](#)

The Index contains a list of all Help topics available for Windows Info-ZIP Unzip. For information on how to use Help, press F1 or choose Using Help from the Help menu.

What Is WIZUnZip ?

WIZUnZip stands for Windows Info-ZIP Unzip. *WIZUnZip* is a Microsoft Windows application which extracts, tests, and displays files archived in ZIP archive format.

WIZUnZip is derived from a co-operative effort by a number of developers collectively known as Info-ZIP. (See Who is Info-ZIP ?). Info-ZIP's goal is to provide widely-available, non-commercial archiving tools compatible with Phil Katz's popular DOS application products, *pkzip* and *pkunzip*. Info-ZIP's counterpart products are called *zip* and *unzip* respectively.

The unzip logic of *WIZUnZip* is based on Info-ZIP's product *unzip*, which has been ported to a number of platforms. *WIZUnZip* is essentially *unzip* with a Microsoft Windows interface and a little extra logic to display and extract files. *Unzip* is based on earlier works by Samuel Smith and Carl Mascott.

In keeping with Info-ZIP's goals, *WIZUnZip* is available on a not-for-profit basis. (See Copyright and Distribution.)

Edit Menu

The Edit menu includes commands that let you select or de-select all of the listbox entries or to clear the Status Window.

For more information, select an Edit menu command from below.

De-select All Files De-selects and unhighlights all listbox entries.

Select All Files Selects all listbox entries.

Clear Status Window Clears the contents of the Status Window.

De-select All Files

This menu item de-selects and unhighlights all entries in the listbox.

WIZUnZip dims the three buttons Extract, Display, and Test.

You may then select one or more entries in the listbox using the pointer or the keyboard.

Selecting one or more entries in the listbox causes the buttons to become active again.

Select any of the buttons to operate on the selected entries.

Pressing the F3 key is a short-cut to de-selecting all listbox entries.

Select All Files

This menu item selects and highlights all entries in the listbox.

WIZUnZip activates the three Extract, Display, and Test buttons.

Select any of the three buttons to operate on all selected entries in the archive.

Pressing the F2 key is a short-cut to selecting all listbox entries.

Clear Status Window

This menu item clears the Status window.

WIZUnZip automatically clears your Status Window if its contents would either exceed the amount of global memory space available in your system or reach 65535 characters.

Pressing the Del key is a short-cut to clearing the Status window.

File Menu

The File menu includes the following commands:

<u>File Menu "Open..." Command</u>	Opens an archive and lists its directory.
<u>File Menu "Unzip To..." Command</u>	Changes the directory where <i>WIZUnZip</i> places extracted entries.
<u>File Menu Exit Command</u>	Exits <i>WIZUnZip</i> .

File Menu "Open..." Command

The File menu's Open command brings up the *Open ZIP File* dialog box.

Open ZIP File Dialog Box

This dialog box lets you select the ZIP archive on which you may perform further operations. Select the directory in which the ZIP archive is found.

When you select a directory, *WIZUnZip* lists all of the Zip archives, files with suffix .ZIP, in the listbox.

The *File Name* field starts out as a template of all the ZIP archives in the directory.

Select an archive either by clicking on its filename from the listbox or by typing its name in the *File Name* edit box.

Select the *OK* button to put your choice into effect.

Select the *Cancel* button if you don't wish to open a new ZIP archive.

When you open a ZIP archive, *WIZUnZip* displays the archive contents in the Archive Directory Listbox of its main window. *WIZUnZip* does not automatically extract the contents. See Extracting Files from the Archive to find out how this is done.

You may unzip the archive contents either into the directory where the .ZIP file lives or into a separate directory.

See the File Menu Unzip To Command and the Unzip to Same Directory as .ZIP item under the Options Menu for more information.

File Menu "Unzip To..." Command

This command lets you change the directory into which *WIZUnZip* extracts entries from the current ZIP archive.

You may extract files into a directory other than the one in which the ZIP archive file resides.

If this command is grayed, you may enable it by toggling the Unzip to Same Directory as .ZIP item under the Options Menu.

If you don't select a destination directory, *WIZUnZip* assumes you wish to extract files into the same directory as the ZIP archive.

The "Unzip To..." command produces the Unzip To Dialog Box.

Unzip To Dialog Box

This dialog box lets you browse and select a destination directory for unzipped archive entries.

The Directories listbox shows where *WIZUnZip* will place extracted files.

You may designate some other directory by repeatedly selecting directories from the *Directories* listbox.

Select the *OK* button to change to the new directory. The new destination directory is shown in the title bar.

Select the *Cancel* button to return to the directory displayed on entry.

File Menu Exit Command

This command takes you out of *WIZUnZip*. To find out other ways to exit *WIZUnZip*, see [Exiting WIZUnZip](#).

Exiting WIZUnZip

You may exit *WIZUnZip* by any of the following methods:

- 1) typing Alt-F4,
- 2) selecting Exit from the File menu, or
- 3) selecting Close from *WIZUnZip*'s system menu.

You may safely exit *WIZUnZip* at any time without fear of losing data.

Options Menu

The Options menu lets you specify how *WIZUnZip* handles directories, whether or not *WIZUnZip* should overwrite existing files during extraction, what *WIZUnZip* does when you select one or more files in the listbox, and to where *WIZUnZip* extracts files from the archive.

For more information, select any of the following four items:

<u>Recreate Directory Structure</u>	Lets you extract subdirectories or not.
<u>Overwrite Existing Files</u>	Controls overwriting existing files.
<u>Translate CR-LF to LF</u>	Translates CR/LF character pair to LF character.
<u>Unzip to Same Directory as .ZIP directory.</u>	Controls whether you unzip in .ZIP or other directory.

These items let you define the action taken when you double-click on a file in the listbox.

<u>Listbox Selection Extracts File</u>	Double click extracts entry.
<u>Listbox Selection Tests File</u>	Double click tests entry.
<u>Listbox Selection Displays File</u>	Double click displays entry in status window.
<u>Beep On Completion</u>	Speaker emits a beep when action has completed.

WIZUnZip saves your option selection permanently until you replace it with another.

Recreate Directory Structure

During file extraction this option specifies whether or not *WIZUnZip* re-creates subdirectories saved within the archive.

When this option is active, a checkmark appears beside its menu item.

When this option is active, *WIZUnZip* extracts, preserving the directory structure present in the archive.

When this option is not active, *WIZUnZip* extracts the files from subdirectories listed in the archive into the parent directory.

WIZUnZip saves the setting of this option in your WIN.INI file until you change it again through the menu.

Overwrite Existing Files Option

When you choose this option, *WIZUnZip* automatically overwrites each existing file that it finds during extraction.

WIZUnZip places a check mark beside the menu item to show that the option is in force.

WIZUnZip saves the setting of this option in your WIN.INI file until you change it again through the menus.

Overwrite Existing Files Dialog Box

When you don't choose the Overwrite Existing Files option, *WIZUnZip* prompts you with a dialog box for each existing file that it would replace during extraction. The dialog box prompt gives you five alternatives. You may:

- 1) skip the file without extracting it (the default),
- 2) overwrite the file,
- 3) overwrite the file and all others in this operation,
- 4) overwrite none of the files in this operation,
- 5) rename the conflicting file.

If you select 3) or 4), the Overwrite Existing Files Dialog Box won't appear for the rest of the operation if any more files should conflict with existing files.

The Overwrite Existing Files Dialog Box has no effect on the more permanent Overwrite Existing Files Option.

Translate CR-LF to LF

Choose this option only if you are extracting text files and wish to translate them into the format used by a UNIX or similar computer. In UNIX text file format, lines of text are separated by a *linefeed* character. Lines of text within DOS files are typically separated by the two characters: *carriage return, linefeed*.

Do not choose this option if you are extracting a binary file. Since *WIZUnZip* can't tell the difference between text and binary files, you have to decide when to use it. In general, don't choose this option unless you're sure you need it.

WIZUnZip places a check mark beside the menu item to show that the option is in force. The setting you choose stays in effect until you toggle it.

Unzip to Same Directory as .ZIP

Choose this option only if you want *WIZUnZip* to always extract the contents of the ZIP archive in the same directory as the ZIP archive. This option saves having to set the extraction directory separately.

When *WIZUnZip* is set to unzip in the same directory as the ZIP archive, *WIZUnZip* disables and grays the File Menu "Unzip To..." Command.

When you do not select this option, *WIZUnZip* enables the File Menu "Unzip To..." Command, and you may select the destination directory.

WIZUnZip places a check mark beside the menu item to show that the option is in force. The setting you choose stays in effect until you toggle it.

WIZUnZip's title bar always shows the name of the directory into which it extracts regardless of the option's setting.

Listbox Selection Extracts File

When this option is active, double-clicking on a listbox entry extracts the selected entry from the archive and logs the outcome in the Status Window.

Listbox Selection Displays File

When this option is active, double-clicking on a listbox entry displays the entry in the Status Window.

Listbox Selection Tests File

When this option is active, double-clicking on a listbox entry tests the entry and displays the results in the Status Window.

Beep On Completion

When this option is active, *WIZUnZip* will emit a beep when the action (i.e. extract, test or display entries) has completed.

View Menu

The View menu directs *WIZUnZip* to display the archive contents in either Long Format or Short Format.

WIZUnZip places a check mark beside the menu item which is currently selected.

One may also show/hide the Status window by selecting Show Status Window/Hide Status Window

Long Format

In long format *WIZUnZip*'s Archive Directory Listbox shows:

- the file length in Kbytes before archiving,
- the ZIP method of archiving: e.g. deflating, imploding, storing, shrinking, reducing.
- the file size in Kbytes within the archive,
- the compression ratio,
- the file modification date,
- the file modification time,
- the 32-bit cyclic redundancy check value, used for integrity checking,
- the file name.

Short Format

In short format *WIZUnZip*'s Archive Directory Listbox shows:

the file length in Kbytes before archiving,
the file modification date,
the file modification time,
the file name.

Show Status Window

Selecting this menu item will force the status window to be displayed at the bottom of the *WIZUnZip* window.

Hide Status Window

Selecting this menu item will force the status window to be hidden from view.

Glossary

DOS

FTP

Internet

UNIX

ZIP archive

DOS

The DOS operating system popular on IBM-compatible personal computers. It's probably running on your PC right now. DOS usually is short for MS-DOS, a trademark of Microsoft.

FTP

File Transfer Protocol. A protocol for transferring files through the Internet.

Internet

A data network connecting many universities, corporations, and government institutions.

UNIX

The UNIX operating system is popular on multi-user open computer systems. Unix is a trademark of AT&T.

ZIP archive

A ZIP archive is a collection of files stored within a single file in the format implemented by Phil Katz's products *pkzip* and *pkunzip* as well as Info-ZIP's products *zip* and *unzip*. ZIP archive files typically have the suffix *.ZIP*.

Browsing Text in the Archive

To browse one or more files within the archive, first select the files using the listbox then select the Display Button either by clicking on it or by typing Control-D. The selected entries will be displayed in the Status Window where it can be scrolled using the horizontal and vertical scroll bars.

Alternately, you may use the Options menu to let you automatically display a file whenever you select its entry in the listbox. To do so, select the Listbox Selection Displays File. from the Options menu. Whenever you double-click on a entry in the listbox, *WIZUnZip* will display the entry's contents in the Status window. *WIZUnZip* saves this setting in your WIN.INI file until you change it.

WIZUnZip cannot distinguish between text and binary data files, so it is possible to display a binary data file into the Status Window. *WIZUnZip* assumes that the files it displays in the Status Window are in the PC manufacturer's OEM codepage, which *WIZUnZip* translates to the ANSI character set.

Extracting Files from the Archive

First select the files you wish to extract, using the Archive Directory Listbox . Next select the Extract Button by clicking on it or by typing Control-X. *WIZUnZip* extracts the files, placing them in the current directory. The Status Window lists the names of the files as they are extracted.

Alternately, you may use the Options menu to let you automatically extract a file whenever you double-click on an entry in the listbox. To do so, select the Listbox SelectionExtracts File from the Options menu. Now when you double-click on an entry in the listbox, *WIZUnZip* will extract it. *WIZUnZip* saves this setting in your WIN.INI file until you change it.

Testing Files in the Archive

First select the files you wish to test, using the Archive Directory Listbox. Next select the Test button by clicking on it or by typing Control-T. *WIZUnZip* tests the files, listing the file names and results as they are tested.

Alternately, you may use the Options menu to let you automatically test a file whenever you double-click on an entry in the listbox. To do so, select Listbox Selection Tests File from the Options menu. Afterwards, when you double-click on an entry in the Archive Directory Listbox, *WIZUnZip* will test it. *WIZUnZip* saves this setting in your WIN.INI file until you change it.

Opening an Archive File

Before *WIZUnZip* can operate on an ZIP archive, you must open an archive file. *WIZUnZip* only operates on archive files in .ZIP format. .ZIP files are created either by Phil Katz's *PKZIP* program or by Info-ZIP's *ZIP* program. ZIP files are identified by their .ZIP suffix.

You may open a .ZIP file using various methods including:

- 1) Passing its name to *WIZUnZip* when you start *WIZUnZip* or,
- 2) Using *WIZUnZip*'s File Menu Open Command or,
- 3) Dragging the file from the File manager and dropping the file on to the *WIZUnZip* window.

You may find it useful to let Windows' File Manager associate the .ZIP suffix with *WIZUnZip* for easy browsing and extraction of .ZIP files.

When the archive file has been successfully opened, its name appears in *WIZUnZip*'s title bar. From that point forward, *WIZUnZip*'s listbox and button operations apply to the open file. *WIZUnZip* can open only one .ZIP file at a time. It is not necessary to close or save the file before exiting *WIZUnZip*.

Showing the Archive Comment

Some ZIP archive files contain a readable comment. If you have opened an archive which has a comment, the Show Comment button will be active. If the archive has no comment, then the Show Comment button will be grayed. You may display the comment by selecting the Show Comment button with the mouse or by typing Control-S.

The comment will be copied to the Status Window where it may be scrolled using the scroll bars or the standard Windows navigation keys.

Archive Directory Listbox

When you open a ZIP archive, *WIZUnZip* displays the archive's directory in the Archive Directory Listbox at the top of *WIZUnZip*'s main window. The contents may be displayed in either Long Format or Short Format using the View Menu. The format of the listbox entries will be familiar to users of Phil Katz's *PKUNZIP* program or Info-ZIP's *UNZIP* program.

The Archive Directory Listbox is an extended, multiple-selection listbox. This means you may select multiple files by clicking the mouse on a given item and dragging the mouse downward through the listbox. You may also press the Control key and click on listbox individual items to make a cumulative list. To select or de-select all files in the listbox at once, use the Edit Menu.

After selecting the files on which you wish to operate, complete the operation by selecting either the Extract Button, the Display Button, or the Test Button.

You may extract, display, or test files directly from the listbox by double-clicking on the entries in the listbox. To define which action *WIZUnZip* takes when you double-click on an entry, use the Options Menu.

The background color of the Archive Directory Listbox heading and total area is the system grayed text color.

Push-buttons

Below the archive directory listbox in *WIZUnZip*'s main window are four push buttons which let you access the contents of the .ZIP archive opened earlier.

Display Button

When active, the Display button copies the selected files shown in the listbox into the Status Window.

Extract Button

When active, the Extract button unzips the selected entries in the listbox into the current directory.

Test Button

When active, the Test button checks the integrity of the selected entries in the listbox and displays the outcome of the check in the Status Window.

Show Comment Button

When active, the Show Comment button displays the contents of the archive comment in the Status Window where you may browse it.

Status Window

At the bottom of *WIZUnZip*'s main window is the Status window, in which *WIZUnZip* displays three types of information from the archive:

- 1) a record of file extraction and file testing (see [Extracting Files from the Archive](#)),
- 2) text files to browse (see [Browsing Text in the Archive](#)),
- 3) comments (see [Showing the Archive Comment](#)).

The Status window may be scrolled horizontally or vertically using either the mouse or standard Windows navigation keys.

You can maximize the Status window within *WIZUnZip*'s main window by clicking on the Status window's maximize box or by selecting the Maximize entry from the Status window's system menu. When maximized, the Status window covers the listbox and pushbuttons.

You can restore the maximized Status window to its normal size by clicking on the Status window's maximize box again or by selecting the Minimize entry from the Status window's system menu.

You can hide the Status window by selecting [Hide Status Window](#) from the View Menu. To show the Status window, select [Show Status Window](#) from the View menu.

You can clear the Status window using the [Clear Status Window](#) menu item from the [Edit Menu](#) or by typing the Del key. The Status window automatically clears itself to make room for more information when either of the following happens:

- 1) the number of characters in the buffer reaches 65535, or
- 2) your system does not have enough global memory to store more data.

Title Bar

The title bar shows which ZIP archive is currently open and into which directory *WIZUnZip* will extract archive entries.

If no ZIP archive is open, the title bar contains the message *(No ZIP File)* in the file name field.

Icon

The *WIZUnZip* icon's title includes the name of the current archive file name. If no ZIP archive is open, the title contains the text (*No ZIP File*).

The *WIZUnZip* icon starts out as a fully zipped zipper.

After extracting the first file, the *WIZUnZip* icon changes into an unzipped zipper.

That's as close as *WIZUnZip* comes to snappy graphics and animation.

The icon artwork is by [Becky Cobb](#).

Becky Cobb

"No one can do
What Becky can do
In just thirty-two
By thirty-two."

Error Messages in the Status Window

This section describes some of the error messages which can appear in the Status Window.

filename: **encrypted (can't do yet)--skipping.**

This message indicates an encrypted file was found in the archive. Since decryption is not supported in the current version of *WIZUnZip*, the file is skipped.

End-of-central-directory signature not found. Either this file is not a zipfile, or it constitutes one disk of a multi-part archive. In the latter case the central directory and zipfile comment will be found on the last disk(s) of this archive.

This error means that the opened file is either not in ZIP archive format or is a corrupted ZIP file. Check the suffix of the file. This error might occur if you transferred the archive across a network as an ASCII file rather than as a binary file. At any rate, *WIZUnZip* can't decipher it.

error: can't open zipfile [*filename*]

This message appears if the archive file has been moved or deleted after having been opened in *WIZUnZip*.

error: expected central file header signature not found (file #n).

This error means that the opened file is either not in ZIP archive format or is a corrupted ZIP file. Check the suffix of the file. This error might occur if you transferred the archive across a network as an ASCII file rather than as binary file. At any rate, *WIZUnZip* can't decipher it.

Expanding: *filename status*

Exploding: *filename status*

Extracting: *filename status*

Testing:*filename status*

UnShrinking:*filename status*

These messages occur during extraction or testing. During extraction they indicate which compression technique was employed to archive the file named *filename*. The status value can be either

OK, which means success,

or

Bad CRC xxxxxxxx (should be xxxxxxxx), which means the file is corrupted in the archive,

where xxxxxxxx is a hexadecimal number.

Fatal write error

This message might appear if the disk had filled up while extracting a file.

filename **unknown compression method**

This indicates that *WIZUnZip* cannot extract the given file. The cause is possibly due to a corrupted archive or the file was stored using a technique designed after this version of *WIZUnZip*.

warning: didn't find end-of-central-dir signature at end of central dir.

This error indicates that the opened file is either not in ZIP archive format or is a corrupted ZIP file. Check the suffix of the file. This error might occur if you transferred the archive

across a network as an ASCII file rather than as a binary file.

warning: filename too long--truncating

This error might appear when extracting a file generated on a system other than DOS. The name exceeds DOS's 8.3 format.

Error Messages in Dialog Boxes

This section describes error messages which may appear in a Windows message box.

Cannot open *filename*

Appears in the *Open a ZIP File* dialog box if you specify a file that doesn't exist.

Can also appear if you specify a file which does not exist when starting up *WIZUnZip* with a filename argument.

Clearing Messages window to make room for more information.

Appears if the Status window buffer becomes full or otherwise cannot grow.

Who is Info-ZIP ?

This is a partial list of contributors to Info-ZIP UnZip and the code upon which it is based. Many, many others have also contributed, and if you are among them, please let us know. Aside from the Info-ZIP digest archives, we have not kept very good track of who contributed what.

Mark Adler	decryption code; inflate and explode code; misc. casts
Glenn Andrews	MSDOS makefiles; prototyping bugfix
Joel Aycock	descrip.mms bugfix
Allan Bjorklund	in misc.c
James Birdsall	extract.c bugfix; etc.
Wim Bonner	OS/2 stuff
John Cowan	mods to original match.c; other stuff?
Frank da Cruz	xxu.c, on which mapname.c is based
Bill Davidsen	-q(q); mapname stuff; memset/memcpy(?); etc.
Arjan de Vet	various things, but I don't remember exactly what...
James Dugal	in mapname.c
Jim Dumser	-z stuff; umask bugfixes; etc.
Mark Edwards	in mapname.c, misc.c
Mike Freeman	VMS GCC makefiles; etc.
Jean-loup Gailly	decryption code; much prodding to fix bugs :-)
Hunter Goatley	VMS RUNOFF source (documentation)
Dave Heiland	new usage screen [, new documentation...?]
Larry Jones	in mapname.c, misc.c
Kjetil J{\o}rgenson	In/copy misc_.c bugfix
J. Kercheval	filmatch.c, on which match.c is based
David Kirschbaum	mapname port; general-purpose meddling; Python jokes
Alvin Koh	Borland C++ bugfixes
Bo Kullmar	-z code; bugfixes: umask, do_string, BSD time; etc.
Johnny Lee	Macintosh port; 5.0 Mac resource fork stuff
Warner Losh	in misc.c
Igor Mandrichenko	vms.c; many improvements and VMS modifications
Carl Mascott	original Unix port
Gene McManus	-o code
Joe Meadows	file.c, on which VMSmunch.c is based
Mike O'Carroll	OS/2 stuff
Humberto Ortiz-Zuazaga	Linux port; permissions bugfix; missing declarations
Keith Petersen	former Info-ZIP list maintainer
Antonio Querubin, Jr	descrip.mms (VMS makefile)
Greg Roelofs	central directory code; ZipInfo; original VMS port;...
Kai Uwe Rommel	much OS/2 code; bugfixes; etc.
Steve Salisbury	CountryInfo bugfix; variable INBUFSIZ
Georg Sassen	Amiga DICE compiler port
Jon Saxton	date formats
Hugh Schmidt	VMS stuff
Martin Schulz	Atari patches
Charles Scriptor	various bug reports and bugfixes
Chris Seaman	Unix time stuff
Richard Seay	MS-DOS Quick C makefile
Alex Sergejew	file_io.c bugfix; stat() bugfix; Down Under jokes
Samuel H. Smith	original unzip code (Pascal and C) for PC
Cliff Stanford	file_io.c umask bug
Onno van der Linden	SCO optimization bugfix; etc.
Antoine Verheijen	MTS/EBCDIC stuff; FILENAME_MAX stuff; Mac fixes; etc.

Rich Wales
Paul Wells

current Info-ZIP moderator and zip guy
original Amiga port for SAS/C and Lattice C (?)

Copyright and Distribution

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The following copyrights are claimed on portions of the UnZip source code.
Further comments are at the bottom.
=====

Copyright in unzip.c, originally from unzip version 1.2 (?):

- * Copyright 1989 Samuel H. Smith; All rights reserved
- *
- * Do not distribute modified versions without my permission.
- * Do not remove or alter this notice or any other copyright notice.
- * If you use this in your own program you must distribute source code.
- * Do not use any of this in a commercial product.

Copyright in misc.c, applying to UpdateCRC() and crc_32_tab[]:

COPYRIGHT (C) 1986 Gary S. Brown. You may use this program, or code or tables extracted from it, as desired without restriction.

Copyright in vms.c, distributed with UnZip versions 4.2 and later:

- * Copyright (C) 1992 Igor Mandrichenko.
- * Permission is granted to any individual or institution to use, copy,
- * or redistribute this software so long as all of the original files
- * are included unmodified, that it is not sold for profit, and that
- * this copyright notice is retained.

Additional copyright information:

BILF (distributed with the VMS stuff) is copyrighted by Rahul Dhesi, but it is freely distributable.

The functions extract_or_test_files() and store_info() in extract.c, do_string() and return_VMS() in misc.c, VMS version of echo() in file_io.c, and find_end_central_dir() in unzip.c, were written by Greg Roelofs and subsequently modified by many others via Info-ZIP. I do not claim a copyright on these routines, but I do ask that no one else do so either, :-)

The function decrypt_member() in extract.c and the password functions in file_io.c were written by Mark Adler, as were the inflate.c and explode.c modules.

The function mapped_name() in mapname.c was written by David Kirschbaum, based on the XXU program by Frank Da Cruz.

The module match.c was written by J. Kercheval and modified by David Kirschbaum for use in UnZip.

Original notes from unzip 2.0a by Carl Mascott, cmascott@world.std.com (these are only the

modifications which seem still to exist):

- * 12/14/89 C. Mascott 2.0a adapt for UNIX
- * don't pre-allocate output file space
- * implement -t, -v, member file specs
- * buffer all input
- * fix "Bad CRC" msg: good/bad CRCs were swapped
- * check for write error on output file

Most of the remaining routines have contributions from all of us, and show it. :-)

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Info-ZIP comments:

Info-ZIP has very little interest in legal matters, aside from the usual "CYA" sense (that's an acronym, and you can figure it out yourself :-)).

As far as we are aware--and please note that the numerous contributors and copyright holders make this a little uncertain--the UnZip code is now "clean" in the sense that an UnZip executable may be distributed with a commercial product **SO LONG AS IT IS CLEAR THAT *UnZip* IS NOT BEING SOLD, THAT THE SOURCE CODE IS FREELY AVAILABLE, AND THAT THERE ARE NO EXTRA OR HIDDEN CHARGES RESULTING FROM ITS USE BY OR INCLUSION WITH THE COMMERCIAL PRODUCT.** In particular, the retroactive copyright on unimplode.c which Carl Mascott requested we include in UnZip 4.2 is no longer in force, since Mark Adler has rewritten the module in question from scratch (it's about twice as fast, too! :-)).

Regarding the original copyright by Mr. Smith: Info-ZIP has finally found him again (he's moved to southern California), and he's apparently happy with the current code and restrictions. More specifically, since the current incarnation of UnZip can be considered "our own"--it bears very little resemblance to his original program, in either content or size :-)

--and since we freely distribute the source code, we believe that we are within the bounds of his third stipulation.

Info-ZIP continues to rewrite portions of the code as time permits, in an effort to eliminate as many of the restrictions (and bugs) as possible. The bugs are our primary concern, however, so don't hold your breath. :-)

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Where to Find Info-ZIP Archives

If you have Internet access, you can find Info-ZIP products on the system *valeria*. *Valeria*'s full Internet name is *valeria.cs.ucla.edu* (131.179.64.36).

FTP as user "anonymous" with any password.

The archive directory is *info-zip*.

WIZUnZip version 1.1 is archived as the file *wzun11.zip* under *info-zip/Windows*.

I Place My Portion in the Public Domain

The Info-ZIP developers have chosen not to copyright *unzip*.

I, Robert A. Heath, am the author of the Microsoft Windows interface version of *UNZIP*, which I call *WIZUnZip*.

I place the portion which I wrote in the public domain.
I give you my permission to distribute my portion without condition.
You may make derivative works from the source when available.

The Microsoft `C' source code for WIZUnZip 1.1 resides on the Internet system *valeria*. It's under info-zip/Windows.
The source code archive is named *wzun11sr.zip* .

Beginning Windows programmers may wish to snarf the code that makes up the Status window. Heck, I wish I'd had some of that code before now.

How to Get Info-ZIP Archives

On the Internet, archives for INFO-ZIP are on valeria.cs.ucla.edu (131.179.64.36).
FTP as user "anonymous" with any password; then "cd info-zip".
Past issues of the digest are in the "info-zip/MAIL" directory.

ZIP 1.0 (first public release!) is available via anonymous FTP from
valeria.cs.ucla.edu, in the directory "pub", as "zip10ex.zip" or
"zip10ex.tar.Z".

If you don't have anonymous FTP capability, you can mail one of the following commands to listserv@vm1.nodak.edu or listserv@vm.ecs.rpi.edu in order to get a copy via e-mail:

```
    /pdget mail pd:<misc.unix>zip10ex.zip uuencode  
or   /pdget mail pd:<misc.unix>zip10ex.tar-z uuencode
```

Warranty or Lack Thereof

I make no promises express or implied on the suitability of this software product for any particular purpose. All responsibility for use of *WIZUnZip* lies with the user.

History

<u>Date</u>	<u>Version</u>	<u>Description</u>
Jan. 27, 1992	1.0	Original Release.
Apr. 26, 1992	1.1	Fixes problem in LF to CR,LF mapping. Renamed "Translate LF to CR,LF" option to "Translate CR,LF to LF".
June 30, 1992	1.2	Release of source. Updated to Unzip 5.0 source and MS Windows 3.1 Added drag-drop, sped up zip operations, and hiding status window.

Help Overview

WIZUnZip offers three varieties of help:

[WIZUnZip Help](#)

[Using Windows Help](#)

[About](#)

Help specific to *WIZUnZip*

How to Use Windows Help in General

Version and Author

WIZUnZip Help

WIZUnZip has standard Windows help accessed by typing the F1 key. This method takes you to *WIZUnZip*'s top help index. You may use the mouse or keyboard to select lower-level topics or to simply browse.

WIZUnZip also has context help by which you can hit Shift-F1, producing the question-mark/arrow cursor. You may then select any of *WIZUnZip*'s menu items using the mouse or the keyboard. Context help takes you directly to the help screen associated with the desired menu item.

Using Windows Help

This menu entry takes you to the standard introduction on using Windows help.

About

The about box gives the latest program version number and information about the author.