Windows Info-ZIP Unzip Index

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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 <u>ZIP archive</u> format.

WizUnZip is derived from a co-operative effort by a number of developers collectively known as Info-ZIP. (See <u>Who is Info-ZIP ?</u>). 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. *WizUnZip* 2.0 can extract files from archives created using *pkzip* 2.04 or earlier*.*

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.

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

Installing WizUnZip

Install the WizUnZip executable file, *WIZUNZIP.EXE*, and its associated help file, *WIZUNZIP.HLP*, by copying them into any directory listed in your system's **PATH** environment variable.
Your WINDOWS directory is usually listed there.

Though not necessary for proper operation, the WizUnZip unzipping sound file, *WIZUNZIP.WAV*, may be installed on any directory listed in your system's **PATH** environment variable.
Your WINDOWS directory is usually such a directory.

If you install WizUnZip on a system running Windows 3.0 or OS/2 2.0, you must also install the dynamic link libraries *COMMDLG.DLL* and *SHELL.DLL in your WINDOWS\SYSTEM directory.*
If your system is running Windows 3.1 or Windows NT, these libraries are already present.

If the archive file from which you extracted WizUnZip was named *WUNL20.ZIP*, these libraries are included.
To save space, these libraries are not included in the archive named *WUNZ20.ZIP*.

Edit Menu

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

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

Select All Files   Selects all listbox entries.
De-select All Files   De-selects and unhighlights all listbox entries.
Select Files by Pattern...   Selects filenames by pattern.

Clear Status Window   Clears the contents of the Status Window.
Copy Status Window to Clipboard   Copies the entire Status Window to the Windows
        clipboard.

De-select All Files

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

WizUnZip dims the three buttons <u>Extract</u>, <u>Display</u>, and <u>Test</u>.

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 <u>Extract</u>, <u>Display</u>, and <u>Test</u> 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.

Select Files By Pattern

When archives contain a large number of files, you can select the files to be extracted by specifying patterns in the filenames.

This menu item opens the *Select Files by Pattern* dialog box. It prompts you to enter a pattern by which files in the Archive Directory Listbox are selected.
Your pattern may contain wild card characters such as *, *?*, and character lists surrounded by square brackets.
You may enter multiple patterns, separated by white space, in the edit field.
Choose the *Select* button to highlight your choices in the <u>ArchiveDirectoryListbox</u>.
The files can then be extracted, displayed, or tested using any of the three pushbottons.

You may alternately deselect files in the listbox by first specifying a pattern then choosing the *Deselect* button.

After making all your selections and deselections, you may wish to close the dialog box by selecting the *Done* button.

Pressing the F4 key is a short-cut to the *Select Files by Pattern* dialog box.

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.

Copy Status Window to Clipboard

This menu item copies the entire contents of the <u>Status Window</u> to the Windows clipboard.

Currently there is no way to copy a portion of the Status Window to the Windows clipboard.

The Control-C key sequence is a short-cut which copies the Status window to the clipboard.

File Menu

The File menu includes the following commands:

File Menu "Open..." Command   Opens an archive and lists its directory.
File Menu "Unzip To..." Command   Changes the directory where *WizUnZip* places
                                    extracted entries.
File Menu "Exit" Command   Exits *WizUnZip*.

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.

You may select archives with other suffixes using the *List Files of Type* combo box.
You may select self-extracting .ZIP files, which have the .EXE suffix.
However, not every file with a .EXE suffix is a self-extracting .ZIP file.
WizUnZip lets you safely attempt to open the file to find out.

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 to do this.

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 browse the directory tree by repeatedly selecting directories from the *Directories* listbox.

To automatically change to the selected directory the next time you start *WizUnZip*, select the *Save as Default* checkbox.

Select the *OK* button to save the new directory as the one to which *WizUnzip* extracts files. The new destination directory is shown in the title bar.

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

NOTE:
The *Drives* listbox shows all drives in the system.
However, you won't be able to select write-protected drives such as CD-ROM drives and some network drives.

File Menu Exit Command

This command takes you out of *WizUnZip*.
To find out other ways to exit *WizUnZip*, see <u>Exiting WizUnZip</u>.

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:

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

The following three items let you define the action taken when you double-click on a file in the listbox:

Listbox Selection Extracts File   Double click extracts entry.
Listbox Selection Tests File   Double click tests entry.
Listbox Selection Displays File   Double click displays entry in Status Window.

Sound Options   Selects sound at start or end of operation.

Clear Status Window Before Displaying   Clears the Status Window before displaying the selected file or files.

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 WIZUNZIP.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 WIZUNZIP.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 LF to CR-LF

Choose this option only if you are extracting text files from a <u>UNIX</u> or similar computer and wish to translate them into the format used by DOS.
In UNIX text file format, lines of text are separated by a *linefeed* character.
Lines of text within <u>DOS</u> 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 <u>Status Window</u>.

Listbox Selection Displays File

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

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.

Sound Options

This entry leads to a dialog box in which you choose the sound that *WizUnZip* emits either before or after the action (i.e. extract, test or display entries) completes.
If *WizUnZip* detects that the system can play a wave, you may specify the name of a wave file which *WizUnZip* plays either before or after the operation.
WizUnZip includes a default wave file, WIZUNZIP.WAV, which contains an unzipping sound.

Regardless of whether your system can play wave files, you can configure *WizUnZip* to emit a beep on completion.

The *Browse* option lets you search for .WAV files on your system.

The Play option plays whichever .WAV file is shown in the *Sound Name or File* edit field.

Clear Status Window Before Displaying

This option makes it easier to view the contents of any text file within the archive by first clearing the <u>Status Window</u>.

When this option is active, *WizUnZip* also positions the Status window to the top of the extracted file rather than at its end when displaying.

View Menu

The View menu directs *WizUnZip* to display the archive contents in either <u>Long Format</u> or <u>Short Format</u>.

WizUnZip places a check mark beside the menu item corresponding to the archive directory listbox format which is currently selected.

You may also modify the relative sizes of the Archive Directory Listbox and   the <u>Status Window</u> by selecting <u>Maximize Archive Directory Listbox</u>, <u>Maximize Status Window</u>, or <u>Split</u>.

WizUnZip places a check mark beside the menu item corresponding to the screen layout which is currently selected.

Long Format

In long format *WizUnZip*'s <u>Archive Directory Listbox</u> 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.

Maximize Status Window

This menu item maximizes the Status Window so that it covers the Pushbuttons and the Archive Directory Listbox.   This makes it easier for you to browse a file displayed from the archive.

You can restore the Status Window by selecting the Restore entry from its system menu, by double-clicking its maximize/minimize icon in its upper right-hand corner, or by Selecting the Split menu item under the View menu.

Split

This menu item restores the <u>Archive Directory Listbox</u> and <u>Status Window</u> to their original sizes.

Maximize Archive Directory Listbox

This menu item maximizes the <u>Archive Directory Listbox</u>, covering the <u>Status Window</u>. This makes it easier for you to view archives with many entries.

You can restore the <u>Archive Directory Listbox</u> by selecting the <u>Split</u> menu item under the View menu.

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*.

WizUnZip is compatible with archives created by pkzip version 2.04 and earlier.

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 <u>Status Window</u> which 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 <u>Listbox Selection Displays File.</u> from the Options menu.
Whenever you double-click on a entry in the listbox, *WizUnZip* will display the entry's contents in the <u>Status Window</u>.
WizUnZip saves this setting in your WIZUNZIP.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 <u>Status Window</u>.
WizUnZip assumes that the files it displays in the <u>Status Window</u> 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 <u>Archive Directory Listbox</u> .
Next select the <u>Extract Button</u> by clicking on it or by typing Control-X.
WizUnZip extracts the files, placing them in the current directory.
The <u>Status Window</u> 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 entryin the listbox.   To do so, select the <u>Listbox SelectionExtracts
File.</u> 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 WIZUNZIP.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 WIZUNZIP.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 <u>File Menu Open Command</u> 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 <u>Status Window</u> 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 pushbutton which corresponds to the listbox double-click action is surrounded by a thicker frame.

Background Color

The background color of the Archive Directory Listbox heading and total area is the Windows *Disabled Text* color.
You can change your system's *Disabled Text* color using the Windows Control Panel.
Be careful! If you set your system's *Disabled Text* color to the same color as regular text (e.g. black), you won't be able to see the headings and totals above and below the listbox.

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.

The pushbutton which corresponds to the listbox double-click action is surrounded by a thicker frame.

Display Button

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

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 <u>Status Window</u>.

Show Comment Button

When active, the Show Comment button displays the contents of the archive comment in the <u>Status Window</u> 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 <u>Extracting Files from the Archive</u>),
      2) text files to browse (see <u>Browsing Text in the Archive</u>),
      3) comments (see <u>Showing the Archive Comment</u>).

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 <u>Pushbuttons</u>.

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 <u>Maximize Archive Directory Listbox</u> from the View Menu.   To show the Status window, select <u>Split</u> from the View menu.

You can clear the Status window using the <u>Clear Status Window</u> menu item from the <u>Edit Menu</u> 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 <u>Becky Cobb</u>.

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 <u>Status Window</u>.

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 <u>ZIP archive</u> 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 <u>ZIP archive</u> 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*
Inflating: *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 <u>ZIP archive</u> 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.

A write error has occurred. Perhaps the disk is full. Continue ?
Appears during extraction. It typically occurs if the disk to which you are extracting runs out of free space. Files may erroneously appear to have CRC errors during extraction in this case.   It typically does no good to continue.

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.

Can't change directory to <directory name>!
Appears before or after extraction if WizUnZip has been configured to change to or return to a non-existent directory.

Clearing Messages window to make room for more information.
Appears if the Status Window buffer becomes full or otherwise cannot grow.

johnny__.yuu. Cannot access this file. Please verify security priveleges on the network drive.
This message box appears if you try to select a write-protected drive, such as a CD-ROM drive, from the *Unzip To...* dialog box.
(See File Menu "Unzip To..." Command.)

This archive contains too many files for WizUnZip to list them all!
This appears if the archive contains many files and the data required to list those files and their attributes exceeds a Windows internal limit of 65K characters.

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, explode, funzip 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   ZMEM stuff; unshrink bugfix; file perms stuff; etc.
Jim Dumser   -z stuff; umask bugfixes; etc.
Mark Edwards   in mapname.c, misc.c
David Feinleib   Windows NT port
Mike Freeman   VMS GCC makefiles; etc.
Jean-loup Gailly   decryption code; much prodding to fix bugs :-)
Hunter Goatley   VMS RUNOFF source (documentation)
Robert Heath   original Windows port, WizUnZip 2.0
Dave Heiland   new usage screen [, new documentation...?]
Larry Jones   ZMEM stuff; unimplod bugfix; etc.
Kjetil JØrgenson   ln/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; Win3.1 port
Warner Losh   in misc.c
Igor Mandrichenko   vms.c; many improvements and VMS modifications
Fulvio Marino   revised Unzip and ZipInfo man pages
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
Piet W. Plomp   nice fix for msc_dos Makefile target
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 Scripter   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	current Info-ZIP moderator and zip guy
Paul Wells	original Amiga port for SAS/C and Lattice C (?)

Copyright and Distribution

===
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.
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        * 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, :-) and that anyone using them in other programs note their source.

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. :-)

==

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. :-)

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. (It's free!   No charge!)
You may make derivative works from the source.

Johnny Lee: Ditto. ;-)

The MS Windows-specific sources for *WizUnZip* 2.0 are archived under *wunz20sr.zip* on popular archive sites.

Where to Find Info-ZIP Products
Info-ZIP products are available on many well-known Internet hosts. Anonymous ftp can be

used to retrieve Info-ZIP's utilities from most of the large archive sites (*Simtel*, *garbo*, *oak.oakland.edu*, *wuarchive*, etc.).

Some current products available on *oak.oakland.edu*:

        /pub/msdos/zip/unz50p1.zip (unzip source)
        /pub/misc/unix/unz50p1.tar-z   (unzip source)
        /pub/msdos/zip/unz50p1.exe(unzip MSDOS exe)

        /pub/msdos/zip/zip19p1.zip (zip source)
        /pub/msdos/zip/zip19p1x.zip(zip MSDOS exe)

ZIP 1.9 and UNZIP 5.0p1 have been submitted to comp.sources.misc. One should be able to FTP the sources for ZIP 1.9 and UNZIP 5.0p1 from any site which archives comp.sources.misc.

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.

The Unzip To... dialog box is a customized common dialog for changing directories. Check it out.

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.

Robert A. Heath

History

Unzip Versions

Version	Date	Contributor(s)
v1.2	15 Mar 89	Samuel H. Smith
v2.0	9 Sep 89	Samuel H. Smith
v2.x	fall 1989	many Usenet contributors
v3.0	1 May 90	Info-ZIP (DPK, consolidator)
v3.1	15 Aug 90	Info-ZIP (DPK, consolidator)
v4.0	1 Dec 90	Info-ZIP (GRR, maintainer)
v4.1	12 May 91	Info-ZIP
v4.2	20 Mar 92	Info-ZIP (zip-bugs subgroup; GRR, maint.)
v5.0	21 Aug 92	Info-ZIP (zip-bugs subgroup; GRR, maint.)

WizUnZip versions

Date	Version	Description
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". Release of source.
June 30, 1992	1.2	Updated to Unzip 5.0 source and MS Windows 3.1 Added drag-drop, sped up zip operations, and hiding status window.
August, 1992	1.3	Tidied up bugs in 1.2 version.
May 21, 1993	2.0	Release of WizUnZip 2.0 Beta 1. Aligned with unzip 5.0p1, for pkzip 2.04 compatibility. Fixed many bugs in Windows interface. Changed "Translate CR,LF to LF" feature *back* to "Translate LF to CR,LF.". New features: configurable "unzip to" directory, select files by pattern, play wave on completion, copy status window to clipboard, offers self-extracting archives as a choice when opening a file. Moved initialization data to WIZUNZIP.INI. Thanks to Richard Hartman for some good ideas!
July 4, 1993	2.0	General release of WizUnZip 2.0.

Help Overview

WizUnZip offers three varieties of help:

WizUnZip Help   Help specific to *WizUnZip*
Using Windows Help   How to Use Windows Help in General
About WizUnZip...   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 WizUnZip...

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

Bugs

WizUnZip has a few bugs with some workarounds.

Archive Directory Listbox holds up to 64K bytes of data.
This problem is signaled by a Message Box which signals that the listbox has run out of space, due to a limitation in Windows.
Switching to the <u>Short Format</u> can help if the file directory is barely big enough to fit.

Open Dialog Box Can't Distinguish Between Self-extracting .EXE's and Ordinary .EXE's
When listing self-extracting files, the *Open* dialog box lists all .EXE files regardless of whether they are self-extracting .ZIP files.
If you open the file and receive the "End-of-central-directory signature not found" message, you may assume the file is not a self-extracting .ZIP.

Status Window Displays Windows ANSI Character Set
When displaying a .ZIP file comment in the Status Window, *WizUnZip* maps the data into the ANSI Character Set