# AshSoft's WinPack

WinPack is a shareware ZIP utility, designed to eliminate the need to shell out to DOS equivalents. We felt the need for a ZIP package that would run completely under windows, with all functions self contained.   We hope that Winpack meets with these goals.   WinPack Deluxe supports ZIP, GZIP, ARC, LHARC, ARJ, TAR, ZOO, COMPRESS, FREEZE, BINHEX, PACK, PACKIT, MIME, UUENCODE, DECODE, and a few others.   WinPack is developed by AshSoft  and distributed by RetroSpect .  WinPack and WinPack Deluxe are copyrighted by AshSoft.   If you encounter any problems with this software, please contact us immediately.

**General Knowledge**
**WHAT'S NEW IN V.80!!!!!**   **(read both of these please)**

## Incarnations of WinPack

**WinPack Deluxe**

**WinPack32**

**WinPack(32) Deluxe Beta Program...**

## Menubar Commands

> File
>
> Edit
>
> Action
>
> Options
>
> Tree
>
> View
>
> Window
>
> Help

## Toolbar Commands

 Create new document

Open an exsisting document

Save exsisting document

Cut to clipboard

Copy to clipboard

Paste from clipboard

Print

This icon brings up the about box

This icon brings up the help file

Extract from Archive

Add new file

This icon deletes files from the archive

Displays info on the first selected file


Getting Help
Ordering Information
Version changes, bug fixes, how are they handled...

What the Future Holds....
The Beta Team...

Helpfile generated by VB HelpWriter.

# Technical Support

Nothing is perfect, and Windows is definitely not an exception.   This version of WinPack should run under well under Win95.     A Win95 version will be available in the near future.    Please contact us and we will help you get everything working as it should.   If you are a POWERUSER, keep at it as long as you possibly can.   :)

If you encounter what you think to be a bug, contact us immediately, so that we may issue a fix.   Please contact RetroSpect  for any technical support or questions you may have.

Internet: snow@retrospect.com
CIS: 71540,1240

Helpfile generated by VB HelpWriter.

# Create Document

        Selecting this allows you to create a new archive.   After choosing this function, a window similiar to the one below will appear.
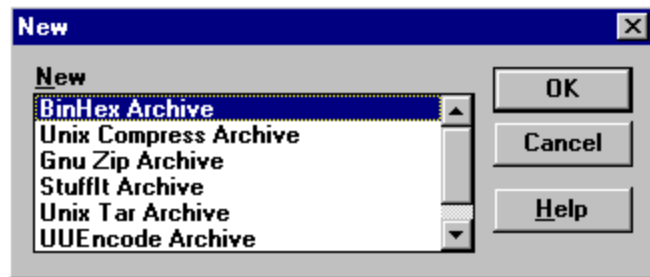


        From here you simply select the type of archive you wish to create.   You may either double click on the archive type, or click once on the archive and select the OK button.   Only one archive type can be selected at anyone time.   Now you can select to add files to the window that has just opened.

Add file to archive...

# Open Document

By selecting the OPEN command, you can open an existing archive file.
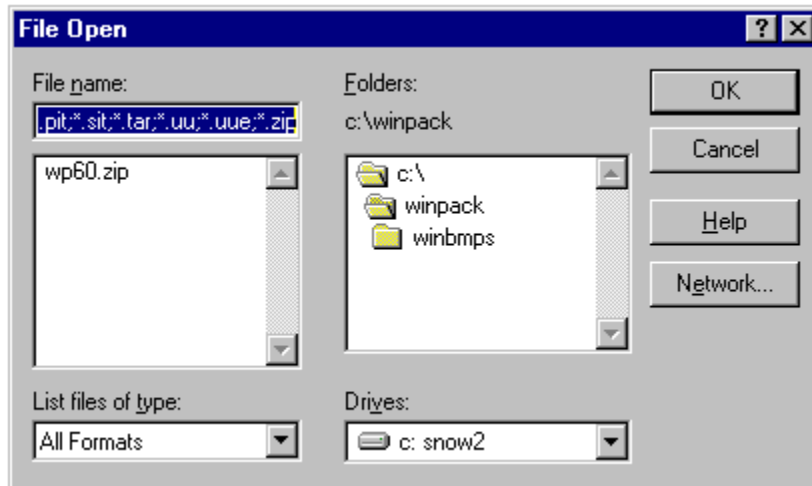


By going down to the List files of type: section, you can choose what files WinPack will show you in the list, under File name:.   By clicking on the down arrow next to the words All Formats, you can bring up a list of file types to be listed.   Use the scroll bars to scroll through the selections, and then click once on your choice.   When you see the file you are looking for, click on it once to select, or twice to select and confirm.   If you just click on the file once, then you may click on the OK button to confirm your selection. You may also type the name and directory of the file you are looking for, directly into the box under File name:.   Then select the OK button.   You can only open one file at a time.

After opening an archive, you will want to extract the programs within it.

# Save Document

Upon selection of the save command, you will be allowed to specify a name for the archive you are working on.   After you have specified a name for the archive, this command will save to that filename from then on.
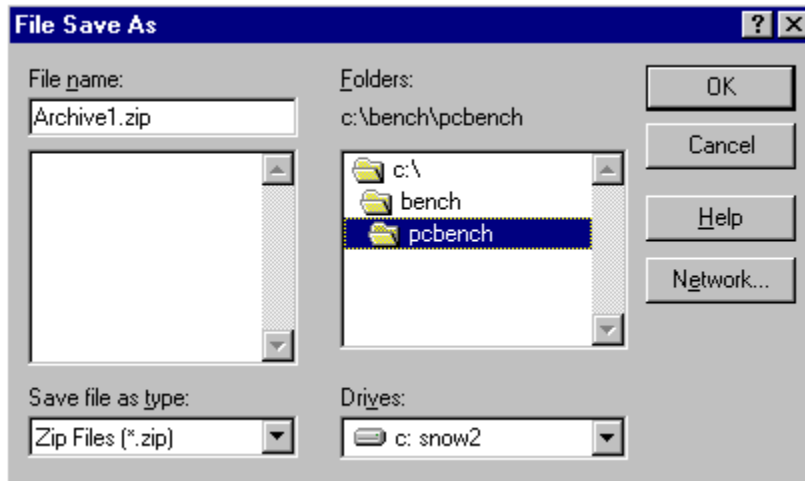


After selecting SAVE from the file menu, you can type the name of the file in the space shown under File name:.   After choosing an appropriate name for the file, you may then select a directory to save the file in using the window under the Folders: selection.   Now, using your mouse, select OK and your file is saved.

Save as...

Selection of this, allows you to save the current window under a new name that you define.

# File Menu

## File Commands

New
Open
Close
Save
Save As...

## Print Commands (these commands are currently disabled)

Print...
Print Preview
Setup

## History Tree

1 COCHRANS.ZIP
2 C:\WINDOWS\COMP.ZIP

Exit

# Close Archive

Selection of this, allows you to shut down the currently selected window.

# WinPack Deluxe

WinPack Deluxe supports ZIP, GZIP, LHARC, TAR, ARJ, SIT, Packit, Pack, COMPRESS, UUENCODE, UUDECODE, and BINHEX.   We hope to expand this list in the NEAR future.   If there are other compression protocols that you would like to see supported, please send me the specs on the specific protocal, or let me know where I can find them.   Send all information to:

RetroSpect -Randy Snow 71540,1240   (CIS id)
snow@retrospect.com

WinPack(32) Deluxe is priced at $20.   You can upgrade from WinPack to the Deluxe version for $10.   Please see the section entitled Ordering Information for more info.

Compuserve users can GO SWREG and use the following numbers to purchase and upgrade:

#5735   WinPack Deluxe (You will be contacted via email, before Winpack Deluxe is sent to you)
#5736   WinPack to WinPack Deluxe upgrade   (upgrade your registered WinPack to WinPack Deluxe)

# Ordering Information

If you are looking at this section, you must be interested in ordering WinPack, or WinPack Deluxe.   WinPack costs an amazingly low $10, and if you only deal with ZIP programs, this could be the one you need.   If you would like to crunch and uncrunch about everything, WinPack Deluxe might be more your speed.   WinPack Deluxe is priced at $20, and if you are a registered user of WinPack, you can make the jump to WinPack Deluxe for an additional $10.     Two other products are now available, WinPack32, and WinPack32 Deluxe. These are the Win95 and WinNT equivalents to WinPack and WinPack Deluxe.   The Win95/NT versions have several additional features covered in the WinPack32 section.   Users of the Windows version can switch to the Win95/NT version at any time.

## Now that I have ordered, what do I get?

After ordering WinPack, you will receive a code via email that will disable the annoying messages that you see.   It will also extend the life of the program.   WinPack will run for 30days, it will then shut down until you register it.   You will also receive free tech support, via email.   My email addresses will be posted below.   I can be contacted at any of the addresses listed, but I prefer using my CIS id and my internet address.

WinPack Deluxe is a bit different.   WinPack Deluxe will only run for 21days.   After registering, you will receive a code to get rid of the annoying messages, add additional download formats, and extend the life of the program.   Unlimited tech support is supplied with both WinPack and the Deluxe version.

At anytime, you may upgrade from registered WinPack to WinPack Deluxe for $10.

## What? No disk? No printed Docs?

That's right.   We do not mail out disks, unless requested to.   Then there will be a handling charge for it.   There is no printed manual for WinPack.   This is the infomation age at last.   There is no need to waste paper when a helpfile can cover things just as well as the printed article.   If you would like to print the helpfile, you always can by choosing the print topic command above.   We hope this does not inconvience you, but a short download from your email box, and no printed manual are two of the main reasons we are under selling our competition.

## Ok, it doesn't sound that bad...how can I order?

We accept Visa and Mastercard, we also take money orders, cashiers checks, and personal checks.   We have to let the personal checks clear before we can send you the program.     If you are mailing us a check or money order, please send an email address where we can contact you. You can send mail to the following address:

RetroSpect

2115 Industrial Drive
Altus, OK.   73521

Compuserve users can order WinPack(32), WinPack(32) Deluxe, and the upgrade from Winpack to the Deluxe version by using SWREG.   Just type GO SWREG and follow the instructions.   Use the following numbers to order:

#5734   WinPack (Registered JUST the shareware version of WinPack)
#5735   WinPack Deluxe (You will be contacted via email, before Winpack Deluxe is sent to you)
#5736   WinPack to WinPack Deluxe upgrade   (upgrade your registered WinPack to WinPack Deluxe)

Just a refresher...WinPack is $10 and ZIP only, WinPack Deluxe is $20 and about everything is included, and the upgrade is $10.   Due to CIS's charge on all SWREG transactions, $5 has been added to #5735, and #5734.   All other methods of payment require only $10 and $20 respectively.

Internet  I don't know how safe the internet is for sending credit card numbers, but if you don't feel comfortable doing it, then please call us.   RetroSpect can be reached at (405)482-0672, more often than not you will get an answering machine, or voice mail system in the near future.   You can also fax your ordering info to (405)482-0248.   WinPack and WinPack Deluxe can be found on FTP.CDROM.COM.   Currently it is in the process of finding a directory.

America Online users can email Visa and Mastercard info to RSNOW1.   You will then receive unlocking codes via email.

Credit Card Information

When ordering with a credit card, please supply the following information:

Name
Bank name issueing the card
Address
Phone number where you can be reached
Card Number
Card Expiration Date

# What the Future Holds...

What does the future hold?   Well, for life in general, I don't really know, but for WinPack, I think the future is bright.   We are planning a Macintosh version, probably called MacPack (silly, but why stop a good thing).   We are interested in doing an OS/2 Warp version, if there is enough interest.   If you would like to see an OS/2 version, contact <u>RetroSpect</u> .   If there are improvements you want to see, let me know.   We can not add something, if we don't know people want it.   We are thinking of adding the following to the Windows version:

Printing...
Expanded Toolbar..
Font Changing...
Drag and Drop...
Faster compression...
File Manager tie in...


We hope to have all this finished by the end of August 1995...but you know. :)

# Add File

        You can add a file to your archive window by selecting the ADD command from the ACTION menu.
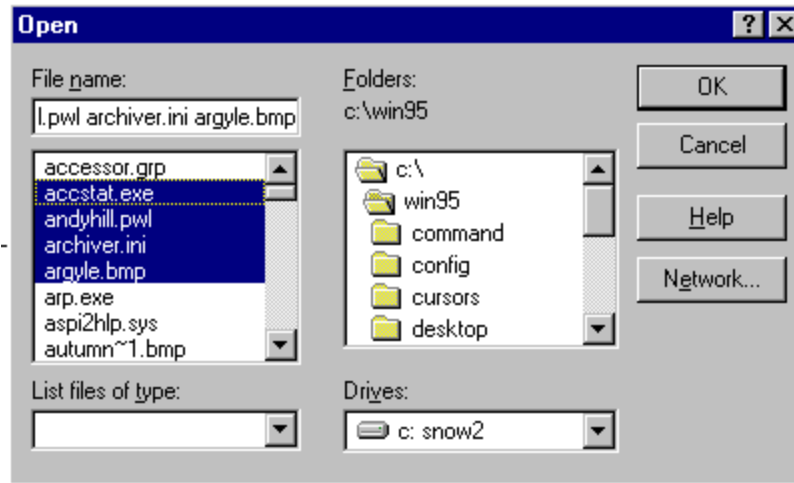


        You may select multiple files by holding down the SHIFT or CTRL keys in conjuction with clicking the left mouse button.   If you experience any problems with adding multiple files, please send a note to RetroSpect  explaining any problems you may have.   GZIP, UUENCODE, BINHEX, COMPRESS, PACK, and FREEZE files can only contain one file.   This is a limit of the archive formats, not WinPack Deluxe.

        After selecting the files you wish to compress, select the OK button to begin compression.   If you wish, you can go back and add more files to the archive.   To save your new archive, select SAVE or SAVE AS from the file menu.

Saving your archive...

# Beta Team

I would like to express my thanks to our beta team.   Without them, this would not have been possible.

Steve Brothers
Guy Simpson
Han Vertegaal
Andrew Freeman
Robert Neushul
John Lehmkuhl
Robert A. Truxal
Scott W. McMikle
ML "SCO" ScoField
Bill Tomlinson
Wes Tatters

# General Knowledge

This section deals with items in general that should be known about WinPack and WinPack Deluxe.   If nothing else, please read this section.

Not all menu bar commands are enabled at all times.

Some formats, such as ARJ, are not capable of storing directories that don't contain any files.

**GZIP**, **UUENCODE**, and **Compress** do not have SIZE information stored.   When decompressing files in these formats, you will not have a progress bar.

**EXTENSIONS** do not matter.   WinPack actually looks at the contents of a file to determine what archive format it is, so you don't even need an extension.

## Changes, bug fixes, and update information

## KNOWN BUGS

Progress bar is bad when testing and extracting large zip files
Convert Archive should do better job of converting attributes (flags)
Progress dialog should lowercase names if selected by user
Archive windows should archive drag'n'dropped files
Add support for zip shrink compression method

.80
Bug in archiver method causing problems with some files >64K fixed
Bug in Unzip code causing failure with empty distance tree fixed
Zip archiver now searches for archive start as it should
GZip archiver now searches for archive start also
GZip archiver restricts header values somewhat to prevent false claims
Most source files for Windows 3.1 and Windows 95 Merged together
Bug in registration dialog not uppercasing register text fixed
Self extraction support added to Windows 3.1 Version
Huffman encoder now correctly supports the empty state
Remaining bugs in Reversed Huffman encoder fixed
Bug with zeroing data in reversed bit stream fixed
Bug in Arj decompression methods 1, 2, and 3 (distance off by 1) fixed
Arj decompression methods 0, 1, 2, and 3 are working
Gzip archiver will now only save original name back if it was there originally
All document types have icons now
Arj decompression method 4 is working
Arj archiver now properly saves archive name in itself as specified in technote
Added copy constructors to CArchiverFile and CArchiverDirectory
CArchivers now release their temporary space when saved
Bug with looping fixed in GetOnlyFile ()

Recompress method moved into CArchiver class from BinHex
BinHex archiver modified to call new recompress method of CArchiver
Added AtEOF method to CBitStream to indicate premature EOF
CArchiver will now detect and fail when decompressing past archive EOF
BitStream now returns zeroes when attempt made to read past EOF
Modified AddFileToDirectory to change document and add to views
Convert Archive command added
Modified registration code to substitute 1 for I, O for 0
Made Convert Archive display progress of conversion
Bug with stored zip8 blocks (changed lzss encoder) finally fixed.. really!
Main frame now accepts drag and drops from File Manager
Added method to CArchiver to calculate total uncompressed size of archive
WinPack now associates with file types and icons when started
Modified WinPack32 to use Registry database instead of .ini file
Bug in WinPack95 that corrupted dates fixed - Changed DosDate2Time
Changed Zip and Arc archivers to use new DosDate2Time function
Merged changes to WinPack into WinPack32
Fixed bug in Zip6 and Arj encoders that caused crash on EncodeEOF
Changed registration dialog to let user select and copy dealer key
Fixed Convert Archive to not exceed archive limits
Fixed DeleteTemporaries to set new data positions in archive
Fixed binhex archiver to display progress box on reencode of data
Modified UUEncoder to be more compatible with PC UUDecode utility
Hardwired context sensitive help to index page of help file
Expanded temporary buffer for gzip header check to 80 bytes - fixes identify problem
Added level of enable features to registration data
Fixed bug in CArchiver that caused deleted items to not update item counts
Fixed bug in self-extractor that caused stored blocks to not work
Fixed bug in gzip archiver that prevented conversion

.71
Bug in FixFileName fixed - chopped extensions
Created Windows 95 version of WinPack
Bug in Archidoc that caused Progress to display wrong sometimes fixed
Registration box now checksums user name and requires same name
Added most archiver actions to toolbar in both versions
Added display of "buy me" blurb on program exit
WinPack 95 is program 3, WinPack 95 is program 4

.70
Added method to CArchiver & CArchiverDoc to indicate if can't verify data
TAR Added
BinHex Added

.65
Changed flag now set for document when you make changes
Added Close All command exists in File menu
All views are notified when font changes
User is queried if he wants to really delete files
You can toggle confirm deletes by editing .ini file
You can toggle new on startup by editing .ini file

Fixed longstanding bug with directories in zip archiver
Header view now draws underline under current sort type
You can change sort mode by clicking in header view
We have a preferences dialog to modify .ini file!
Added confirm deletes checkbox to Preferences
Added New or Open on startup selection to Preferences
Added Archive Info dialog box
Added Deselect All command
Fixed bug where zip archiver write code blasted memory randomly
Fixed bug where New Folders were not added correctly
New arc files now have the .arc extension
Bug with subdirectories in zip archive writing fixed
Bug with subdirectories in arj archive writing fixed
Bug with potential name buffer overflow in zip archive reading fixed
Bug with SetBkMode in HeaderView fixed - who knows if this could cause crashes?
Bug with window moves in biView fixed
Test code won't try to test a directory anymore
Renamed directories update correctly in directory view
Changing the name of the archive doesn't redraw entire directory view
A message is displayed if an archive isn't valid format
Bug with sorting file list by ratio with folders in it fixed
Bug with saving zip file with folders in it fixed
All known memory leaks have been plugged courtesy of BoundsChecker
Bugs that occurred due to switching to CStrings in Zip archiver fixed (made HUGE files)
Added files are in lowercase now
Added preferences option to control lowercasing of filenames
Added preferences option to beep after long operations
Bug in Huffman code with only 1 active symbol fixed
Bug in progress indicator with large files fixed (bar disappeared)
Bug where free was being called for halloc'ed block fixed (several)
Bug where file was getting added when you canceled Add fixed
Bug in OpenDocFile that overwrote stack creating name fixed
Moved Preferences option to Options menu
Bug in Huffman encoder to handle 1 active symbol high in tree fixed
Leak in ExtractDialog plugged
Bug in code handling bit length overflow fixed
Bug in lzss code returning window position fixed
Extra checks added to decompression code to verify data stream
Bug in BitStream for dumping block of data fixed
Bug where new windows chop off scroll bar fixed
Changed ArcFile class to use CTime for modifyDates
Modify dates of files are now saved in archive
Modify dates of files are now restored on extract
Bug where static zip blocks could sometimes crash fixed
New folders are now created with current date and time
Added directories dialog to allow open, extract, add dialogs to return to last location
Added Maximum/Fastest compression selection in Preferences
Added Add on New selection to Preferences
Extended buffer for add files dialog - should accept 1000+ files now
Bug with uninitialized data to compress empty files fixed
Bug in Zip method 6 fixed - window size was too small (258 bytes vs. 320 bytes)

Added *.* filter selection to Add dialog - do we need others?
Changed About Archiver in all menubars to About WinPack
Bug where Archive info could crash for empty Zip archive fixed
Added registration code
Added time limit code
Bug in registration code with negative checksum fixed
Bug in extract dialog where new name wasn't used fixed
Bug in extract code where random crashing could occur fixed
Zip archiver fixed to uppercase names on write
Added code to ArchiverTemplate to call Add command on New if requested
Various cleanups in source files
Fixed icon design for zip files
Bug where expired program would quit after registering fixed
Progress dialog shortened
Added support in LZSS encoder for fast/best compression
Renamed Add dialog to actually be named Add
Bug where filename overwrote buffer in Template::OpenDocument fixed
Bug in GetType method of CArchiverFile fixed - changed interface, no more crashes


.60
Files are now saved where you actually wanted to save them!
'Select All' accelerator (Ctrl + A) now works as advertised
Archive errors now reported in alerts, not assertions
Test command to verify file without extracting added
Searched archive files will now open quicker
New archives are now named ArchiveX.ext
Many error handling clean-ups
Save dialog doesn't append all possible extensions to the name
New dialog remembers the last selected archive type
Its a hack, but there are Save and Save All buttons in Extract dialog
Extract dialog is titled Extract
Stored files now check checksums on extract
An item will not be added to an archive if another item with that name already exists
File view will correctly test a multiple selection
GZip files without original name use archive name
GZip files now archive and check the CRC
Can't add more files than archive format supports
Hopefully UUEncode actually decodes properly now
Arj archiver now working
Compress archiver now working
Converted much code to use CStrings - should be more reliable & smaller
Zip archiver now writes directory entries
Eliminated lots of warnings on compile
Archiver now correctly handles comment limits
Added key commands to Action menu
We have a cancel button in progress window that works! (it was there before, it just didn't work)
Focus is now set on editors in dialogs when they open
Test command now revamped

.55

Open dialog remembers last filter selected
Main Frame saves screen position in .ini file
Toolbar and status bar visible state saved in .ini file
No more crashes on opening small files that aren't archives
Extract dialog 'Open' button renamed to 'Save All'
Removed 'Save As Type' from Extract dialog
Last filter selected in Open dialog saved in .ini file
In New Dialog, 'Document's changed to 'Archive's
'WPn' temp files are now deleted on exit
Choosing Save in File to save file with same name now works properly
GZip archiver is working
UUEncode is working

# Edit Menu

Currently, the majority of commands in the edit menu do nothing. We are planning to implement an undo command in the near future.

## Edit Commands

[Undo...](#)
[Cut...](#)
[Copy...](#)
[Paste...](#)
[Select All...](#)
[Deselect All...](#)

# Tree Menu

## Tree Commands

Expand One Level...
Expand Branch...
Expand All...
Collapse Branch...
Indicate Expandable Branches...

# View Menu

[View Commands](#)

Name...
All File Details...

[Sort by](#)

Name..
Type...
Size...
Packed Size...
Date...
Compression Ratio...

# Options Menu

[Option Commands](#)

       [Toolbar...](#)
       [Status Bar...](#)
       [Preferences](#)

# Window Menu

## Window Commands

New Window...
Cascade...
Tile...
Arrange Icons...
(file name)

# Action Menu

[Action Commands](#)

      [Add](#)
      [Extract](#)
      [Test...](#)
      [Delete...](#)
      [Rename...](#)
      [Comment...](#)
      [Info...](#)
      [New Directory...](#)
      [Archive Comment...](#)
      [Archive Info...](#)

# Extract Files

| WP60.ZIP | | | | |
|---|---|---|---|---|
| wp60.zip | Name | Date | Time | Size |
| | readme.txt | 05/24/95 | 17:30 | 1,859 |
| | wp60.exe | 05/24/95 | 17:23 | 2,296,352 |
| | wp60.hlp | 05/24/95 | 17:48 | 76,314 |
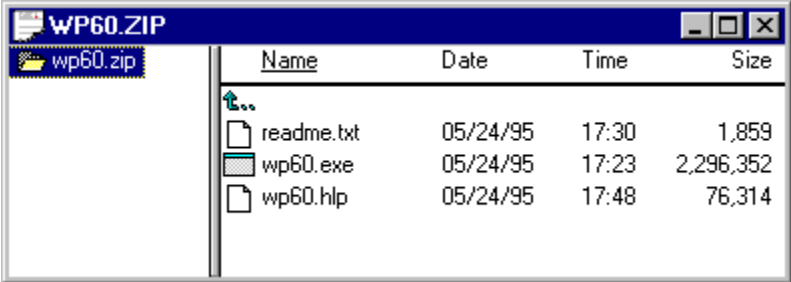
Before selecting the EXTRACT command from the ACTIONS menu.   You will either need to select the archive name in the left window, or select single files to extract in the right window.   You may use the CTRL or SHIFT keys in conjuction with the mouse to select single files or groups of files.   Once you have done this, select EXTRACT from the ACTIONS menu, and the following dialog should appear:

**Extract**

File name:
readme.txt

Folders:
c:\winpack

c:\
winpack
winbmps

Drives:
c: snow2

Save
Save All
Cancel
Help
Network...
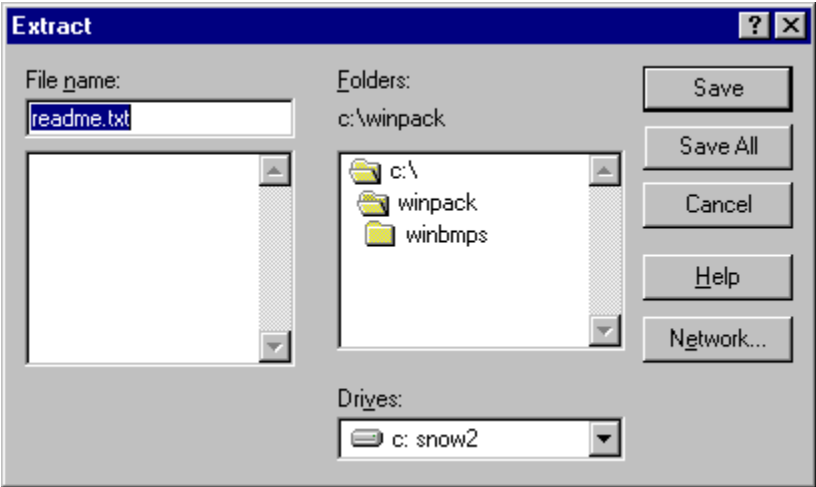
From here, you can select SAVE ALL to save all the selected files under their original names. Selecting SAVE allows you to specify a new name for each program.   CANCEL allows you to cancel the EXTRACT commnad.   HELP brings up the helpfile.   NETWORK allows you to browse your network for a place to save the extracted files.

# Preferences

You can get the preferences box by selecting the OPTIONS menu, and choosing PREFERENCES from the menu.   You should see the follow dialog box...
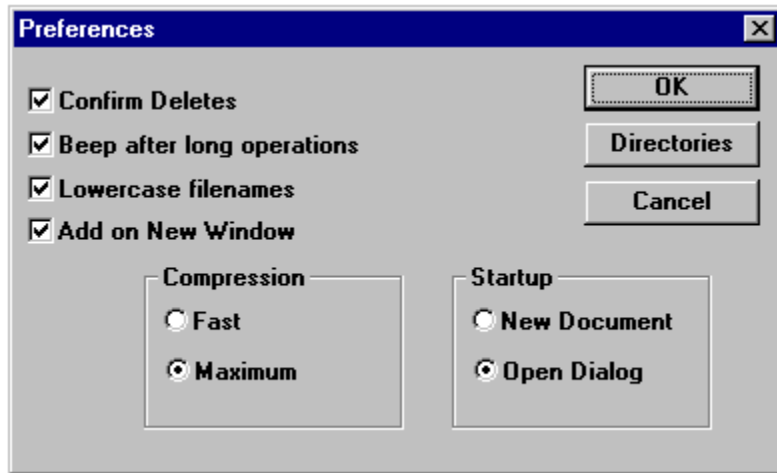


Confirm Deletes

_____Selecting this, forces WinPack to confirm every file you wish to delete from an archive.

Beep after long operations

_____Selecting this, tells WinPack to beep after an add or extract operation has been completed.

Lower case filenames

_____Selecting this, tells WinPack to convert DOS filenames to lower case.

Add on New Window

_____Selecting this, tells WinPack to go directly to the ADD command after selecting the NEW command from the FILE menu.

Compression

_____You may choose to use either MAXIMUM compression to compress the files as small as possible, or you can select NORMAL compression to speed up compression and decompression operations.
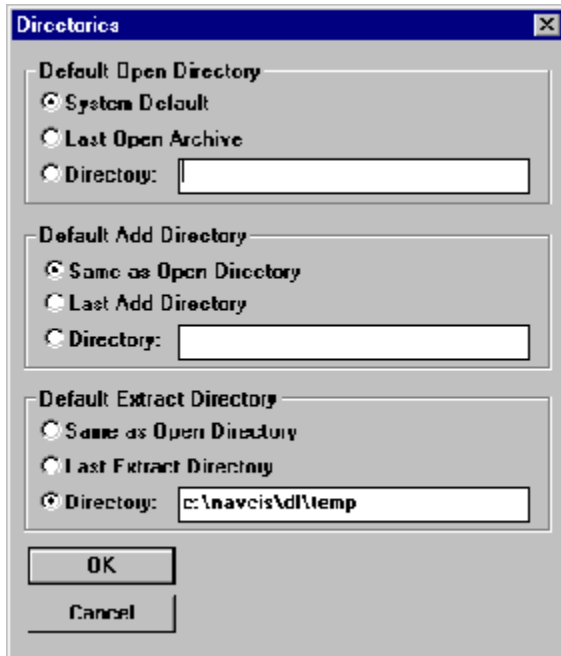
Startup

_____This tells WinPack to bring up the NEW or OPEN dialog everytime you start WinPack.

<u>Directories</u>

# Directories

Selecting the DIRECTORIES button brings up the following dialog box:



Default Open Directory

Here you may specify to what directory the OPEN command will start on.   Choosing System Default, will start out wherever Windows would like to you start out.   Choosing Last Open Archive will open on the directory of the last archive that you opened.   Choosing Directory will let you specify the directory to open into.

Default Add Directory

_____This section does the same as the Default Open Directory section, with the exception that it works for the ADD command instead of the OPEN open command.

Default Extract Directory

_____This section functions exactly like the two above it, with the exception of working for the EXTRACT command.

# Upgrades

Upgrades and bug fixes will be made available on Compuserve, the Internet, AOL, and MSN.   If you would like to know what the latest version of WinPack(32), and WinPack(32) Deluxe are, please send email to <u>RetroSpect</u>.

After purchasing WinPack(32), or WinPack(32) Deluxe, customers are entitled to unlimited bug fixes, and one program version upgrade.   Bug fixes do just that, they fix bugs.   We will never charge for a bug fix.   Program version upgrades add additional features to the program, such as additional archive formats, or other important features.   Don't worry, we will not take advantage of this, and your old version will still be supported in full.   The current version of WinPack(32) is v1.00.   The current version of WinPack(32) Deluxe is v.75. All users of WinPack(32) Deluxe can contact me for information on where to obtain the latest version of the software. We will bump of the 1st number to reflect a version change, and we will bump of the last two digits to reflect a bug fix.   If you have any questions, just ask. Version upgrades cost $5, and as I said, the first one is free.

<u>WinPack Deluxe Beta Program...</u>

# WinPack Deluxe Beta Program

WinPack(32) Deluxe is currently still in BETA, until we can get all the formats in. WinPack(32) Deluxe is now supporting ZIP, GZIP, UUENCODE,   BinHEX, ARJ (extract only) and TAR.   If you would like to purchase the BETA version of WinPack Deluxe, please go SWREG and use the following code:

#5735   WinPack Deluxe (This includes the WinPack32 Deluxe version)

(customers using SWREG as a payment method are charged an extra $5 due to CIS's surcharges)

Customers purchasing the BETA version of WinPack(32) Deluxe will receive two FREE version upgrades, and weekly updates.   If you have any questions about the BETA, please contact RetroSpect .   If you need information on version upgrades and bug fixes click here.

We are continuely adding new formats to the Deluxe version.

# No Current Function

This command currently has no function.

# WinPack32

What is WinPack32 and Winpack32 Deluxe?

WinPack32 and WinPack32 Deluxe are the Win95/NT versions of WinPack and WinPack Deluxe.   The WinPack32 have a different look and feel about them, and also add some new features.   The following is a list of addtional features supported in the WinPack32 and WinPack32 Deluxe versions:

Long Filename Support
Dockable Toolbar
Tool bubble help
Now have a built-in Zip Self-extractor
Convert between different type of archives
Uses Win95 treeview
New Win95 dialog boxes

# What's New V.80 BETA

What's new?

Archive conversion.  You can get to this from the ACTION menu.   Just pull down the menu and select Achive Conversion, pick what you want to convert to, and away you go.   Keep in mind that when converting to a format that only supports a single file such as Zip to Gzip, only the first file in the archive will be converted.

Self-Extractor.   Create a ZIP file, then when you save, there will be a check box at the bottom.   Click on it, and it will save the program as a Self-Extracting EXE.

File Association.  When you run WinPack it should associate all file that it can handle with WinPack.

Drag-N-Drop.  You can drag into WinPack, but you cannot drag out of...

ARJ extraction.  You can now extract Mode 0, 1, 2, 3, and 4 ARJ files.   You can STORE ARJ Mode 0 files.

# Glossary

(file name)

## A
All File Details...
Archive Comment...
Archive Info...
Arrange Icons...
AshSoft

## C
Cascade...
COCHRANS.ZIP
Collapse Branch...
Comment...
Compression Ratio...
Copy...
Cut...

## D
Date...
Delete...
Deselect All...

## E
Exit
Expand All...
Expand Branch...
Expand One Level...

## H
Help

## I
Indicate Expandable Branches...
Info...

## N
Name..
Name...
New Directory...
New Window...

## P

Packed Size...
Paste...
Print Preview
Print...

**R**
Rename...
RetroSpect

**S**
Select All...
Setup
Size...
Status Bar...

**T**
Test...
Tile...
Toolbar...
Type...

**U**
Undo...

**W**
WIN.INI

**AshSoft**

AshSoft is a programming company run by Andy Hill.   Andy is 25 and has been programming for several years.
WinPack is the sole product of Mr. Hill's labor.   All development is currently done using the NeXT Macintosh, and
Windows 95 platforms.

## RetroSpect

RetroSpect sells computer hardware and software.   Recently, we have branched out into shareware distribution and developement.   We handle all technical support for the companies we represent.   Please feel free to contact Randy Snow if you have any questions about our service or have suggestions, or questions about WinPack.

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MSN: RetroSpect

(405)482-0672 phone
(405)482-0248 fax

## WIN.INI
Your WIN.INI file is located in your Windows directory.

C:\WINDOWS\WIN.INI

The configuration on your computer can be different.   Use NOTEPAD in your ACCESSORIES group or SYSEDIT wherever it may be installed (usually the MAIN group).

## Exit

The exit command does just that.   It Exits you from Winpack, taking it out of memory.

**Print Preview**

Lets you preview what the output will look like, once sent to the printer.

## Setup

Allows you to change printers, and/or setup the current or new printer.

**Print...**
Sends information in the currently selected window to the printer.

## COCHRANS.ZIP

The history tree lets you quickly open frequently used archives.

**Help**
Allows you to access the help file, shows information on how to use help, and brings up the WinPack About Box.

**Undo...**
Currently not implemented.

**Cut...**
Currently not implemented.

**Copy...**
Currently not implemented.

**Paste...**
Currently not implemented.

## Select All...

The Select All command can be used to select all files within an archive.

## Deselect All...

The Deselect All command can be used to deselect all files in an archive.

**Test...**

Test runs a CRC check on certain archive types.

By selecting the files you wish to test, you then go into the ACTION menu and select TEST.   If this command is disabled, you are working with an archive type that cannot be tested.

**Delete...**
Delete will delete the selected file from the currently selected archive window you are working with.   Select the
file, then choose DELETE from the ACTION menu.

**Rename...**
The Rename Command will rename a file or folder within an archive.   Select the file or folder you wish to rename and then select the RENAME command from the ACTION menu.

**Comment...**

The Comment Command will allow you to attach a comment to a file within an archive.   If the command is disabled the archive type does not support this command.   To use the Comment Command, select the file or folder you wish to comment.   Select COMMENT from the ACTION menu and enter your comment.

**Info...**
The Info Command will pop up a window giving information about the currently selected file or folder.   Select the file or folder you wish information on, the choose the INFO command from the ACTION menu.

**New Directory...**

This command adds a directory or subdirectory to archive types that support it.   To use this command, select the archive window you wish to work with, then choose the NEW DIRECTORY command from the ACTION menu.

## Archive Comment...

This command allows you to add a comment to the entire archive, if the archive format supports this.   By selecting ARCHIVE COMMENT from the ACTION menu, you can add a comment to the archive.

## Archive Info...

Archive Info will pop up an information window giving information on the current archive window selected.
Select ARCHIVE INFO from the ACTION MENU.

**Toolbar...**
Removing the check mark from this item will hide the toolbar.

**Status Bar...**
Removing the check from this item will remove the status bar at the bottom of the window.

**Expand One Level...**

Expands one directory level, in the left window.

**Expand Branch...**
Expands one directory and all it's subdirectories.

## Expand All...

Expands all directories, and all their subdirectories.

**Collapse Branch...**

Collapses a selected directory branch.

**Indicate Expandable Branches...**
If this selection is not checked, then WinPack will not tell you what directories can be expanded.

**Name...**
Lists only the name of the files in an archive.

## All File Details...
Lists the name, type, size, packed size, date and compression ratio of all files.

**Name..**
Selecting this, sorts all files in an archive alphabetically.

**Type...**
Sorts all files in an archive alphabetically by extension.

**Size...**
Sorts all files by the size of the file.

## Packed Size...

Sorts all files in an archive by the packed size of the files.

**Date...**
Sorts files by date.

**Compression Ratio...**
Sorts files by compression ratio.

**New Window...**
This command opens another viewing window of the currently selected archive.

**Cascade...**
Arranges the open windows in a diagonally descending order.

**Tile...**
This command attempts to arrange the each window in a way the contents of each window can be displayed.

**Arrange Icons...**
Arranges minimized window icons so they are easy to get at.

**(file name)**
Selecting the file names that appear here, will change the active window to whatever file you choose.