

# **ARCHIVES** Help Index



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by Theodore F. Wall

To choose a topic: When using the mouse, click on the underlined topic. When using the Keyboard, press TAB to select the underlined topic you want to view, and then press Enter. **Additionally, try the SEARCH button and enter a Keyword.**

**ARCHIVE.HLP** was designed to assist the user **on-line**. ARCHHELP.ZIP contains a compressed version of **ARCHHELP.WRI**, a **complete help document in Windows Write format**. Using Archives, you can 'CheckOut' ARCH\_HLP.ZIP.

## ***On-Line Supported Help Topics***

### **Decompress**

[ZIP Files Index](#)  
[LZH Files Index](#)  
[ARC Files Index](#)

### **Compress**

[ZIP Files Index](#)  
[LZH Files Index](#)  
[ARC Files Index](#)

### **Quick Viewing Methods:**

[Chain CheckOut and Chain CheckIn](#)  
[To CheckOut \CHK\ and CheckIn](#)  
[To Normal \(your normal dir\)](#)

### [Configuring Archives](#)

[Setup Part A](#)  
[Setup Part B](#)  
[Setup Part C](#)

### [Accelerator Keys \(Hot Keys\)](#)

### [Mouse and Buttons](#)

### [Product Disclaimer and Registration Form](#)

### [Future Improvements to Archives](#)

## ZIP Files Decompress Index

CheckOut Selection.

Open 2nd.

Decompress selected Files.

Test compressed file integrity.

Delete selection in compressed file.

Create/Use compressed directories.

Overwrite existing files.

Extract only Newer files.

Enter & Use an @File !

Set Compress File Date !.

Decompress to Directory:

Temp files:

## LZH Files Decompress Index

CheckOut Selection.

Open 2nd.

Decompress selected Files.

Test compressed file integrity.

Delete selection in compressed file.

Create/Use compressed directories.

(Not support for LZH at this time.)

Overwrite existing files.

Extract only Newer files.

Enter & Use an @File !

(Not support for LZH at this time.)

Set Compress File Date !.

Decompress to Directory:

Temp files:

## ARC Files Decompress Index

CheckOut Selection.

Open 2nd.

Decompress selected Files.

Test compressed file integrity.

Delete selection in compressed file.

Create/Use compressed directories.

(ARC format does not support.)

Overwrite existing files.

Extract only Newer files.

Enter & Use an @File !

(ARC format does not support.)

Set Compress File Date !.

Decompress to Directory:

Temp files:

## ZIP Files Compress Index

CheckIn Selection.

Add selection to Compressed File.

Move selection to Compressed File.

Make selected \*.ZIP an \*.EXE file.

Time/Date of latest file.

Recurse thru subdirectories.

Store only dir (directory) names recursed.

Store complete dir names.

Freshen, use compressed filenames.

Update Compressed File.

Use selected file as @FILE.

Compress to Filename:

Temp files:

File Mask, ARC, LZH, ZIP:

## LZH Files Compress Index

CheckIn Selection.

Add selection to Compressed File.

Move selection to Compressed File.

Make selected \*.ZIP an \*.EXE file.

Time/Date of latest file.

(Not support for LZH at this time.)

Recurse thru subdirectories.

Store only dir (directory) names recursed.

(Not support for LZH at this time.)

Store complete dir names.

(Not support for LZH at this time.)

Freshen, use compressed filenames.

Update Compressed File.

Use selected file as @FILE.

(Not support for LZH at this time.)

Compress to Filename:

Temp files:

File Mask, ARC, LZH, ZIP:

## ARC Files Compress Index

CheckIn Selection.

Add selection to Compressed File.

Move selection to Compressed File.

Make selected \*.ZIP an \*.EXE

(ARC format does not support.)

Time/Date of latest file.

(ARC format does not support.)

Recurse thru subdirectories.

(ARC format does not support.)

Store only dir (directory) names recursed.

(ARC format does not support.)

Store complete dir names.

(ARC format does not support.)

Freshen, use compressed filenames.

Update Compressed File.

Use selected file as @FILE.

(Not support for ARC at this time.)

Compress to Filename:

Temp files:

File Mask, ARC, LZH, ZIP:

## CheckOut Selected Files

This option provides a simple method for decompressing a file to a temporary directory. This can be done more easily using the Archives' 'Compress' + 'To CheckOut' located on the main menu.

However, when using this option, you can enter a new CheckOut directory name and not have to accept the default directory name.

The default temporary directory name is normally \CHK and was chosen by the user during the Configuration + Setup, Setup-Part-B. CheckOut is normally used when you are temporarily viewing files downloaded from a bulletin board.

For CheckIn to work without much mental effort on your part, you normally should not CheckOut a file to a directory that already exists. If the directory you requested exists and the 'Opened 2nd' copy of Archives is NOT checked, Archives will ask if a new directory name should be created that does not exist.

For file integrity reasons, if 'Opened 2nd' copy of Archives is checked on the dialog box, Archives will automatically chose a directory that does not exist if the directory you entered does exist.



## Open 2nd

The 'Open 2nd' check box is enabled only when the **CheckOut Selected Files** radio button is selected and DDE is not ON. Since this is a primitive form of DDE, Archives would become confused if you tried to 'Chain CheckOut' an Archives window that was involved in a DDE conversation. You can initiate a DDE conversation with the last 'Chain CheckedOut' Archives window.

Selecting this options is identical to selecting Decompress + 'Chain CheckOut' except you can enter a directory name other than the default \CHK.

For file integrity reasons, if 'Opened 2nd' copy of Archives is checked on the dialog box, Archives will automatically chose a directory that does not exist if the directory you entered does exist.

## Decompress Selected Files

This provides the "vanilla" decompress the compressed file. If the directory chosen by you doesn't exist, then the directory will be created. Nothing is done to the original compressed file. If you select specific files from the Viewer Window, then only those selected files will be decompressed. If you do not select a file from the Viewer Window, then Archives assumes that you want to decompress all of the files (the same as if you have selected all of the files). Additionally, you can select check box options to append to the decompress command line.

## Test Compressed File Integrity

This is an option where the selected compressed file is tested for errors. Nothing else is done. Files are not decompressed.

Normally, you would select a compressed file from the Viewer Window, press the [Run] button, and select the TEST INTEGRITY radio button from the Run Files Using dialog box rather than from this dialog box.

## **Delete Selection in Compressed File**

The files selected from the Viewer Window will be permanently DELETED from the compressed file. You have to select at least one file from the Viewer Window before this option is available.

## Create/Use Compressed File Directories

Currently, Archives supports this option for ZIP file types only.

This option allows the current directory information located in the compressed file is used to create directories (if not existing) and the files are extracted to those directories. This option is only active when the CheckOut or Decompress selected files Radio button options are selected.

## Overwrite Existing Files

Use this option when you are decompressing a file(s) and there are existing DOS files with the same filename in this directory. In this case, the decompressor will overwrite those files with the file from the compressed file without asking whether to overwrite for each file. If this Check Box is not selected, the decompressor will ask you to confirm for each file whether you want to overwrite the existing filename in the decompressed to directory.

## **Extract Only Newer Files**

The decompressor compares the file dates and times of the decompressed file with an existing file in the directory to be decompressed. The decompressed file is decompressed to that directory if the date of the decompressed file is newer or the directory doesn't have an existing file.

## Enter and Use an @File

This option is currently only supported for ZIP file types.

A feature of the decompressor, where you can develop a file that lists the files that you want to decompress. If you select this option, then a small dialog box opens in which you type an @file name. You don't have to enter the @ symbol, Archives precedes the filename you enter with the @ symbol. (This procedure is different than when you are COMPRESSING a file.)

Note:

When COMPRESSING a file, you will select this @file from the Viewer Window BEFORE you select Compress. This means that the File Stats must be displayed in the Window Title bar and you will be selecting ONE file from the Viewer Window.

When DECOMPRESSING a file, you will enter the @file AFTER you select Decompress. (A small dialog box opens after you click on "Use selected file as @File" on the Compress dialog box.)



## **Set Compress File Date**

This option sets the compressed file date to the date of the latest internal compressed file. This option opens a Message Box, displays the dates, and if the user selects OK, will immediately change the date to that indicated. You do not have to decompress a file to activate this Date/Time change.

## Decompress to Directory

This edit text box follows the normal DOS conventions for entering the drive and directory for decompression. Archives will ask you whether the directory should be created, if the directory entered does not exist.

## Temp Files:

Manually enter a drive letter or accept the default. A directory name is not allowed to minimize the length of the DOS command line.

The decompressor allows a separate drive to be used to store temporary files. This is useful when you have a ram disk that is large enough to hold the temporary file.

If you are compressing or decompressing files to a floppy drive, this feature is useful to avoid placing the temporary files on a floppy. Additionally, if you used a hard disk to store the temporary files, you should select your fastest hard disk as well as the drive that has enough empty space to store the temporary file.

## CheckIn Selection

This option provides a simple, but DANGEROUS if misapplied, function. This option is normally used to CheckIn a list of files that were previously Checked Out. This option deletes all of the files in the selected directory and removes the directory name as well.

This option does nothing to the original compressed file as long as it is not also located in this temporary directory! Archives will also delete the original compressed file if this file is located in this temporary directory!!! In fact, Archives will allow you to delete anything with this function, so the user must be diligent. You could be deleting an important directory and associated files!!!

CheckIn is normally used when you are viewing files downloaded from a bulletin board. You can select CheckOut to decompress these files to a temporary directory. When you are done viewing or running these files, selecting CheckIn will delete these files and remove the temporary directory.

Archives has a main menu item called 'To CheckOut' and another called 'CheckIn' that performs the same operation.

The 'To CheckOut' option is located on the main menu bar of Archives under Decompress.

'To CheckOut' is normally used when you are decompressing files from one or more compressed files and you want them all to go to the temporary \CHK directory. You may be collecting internal compressed files from many compressed files to run, view, or recompress into another compressed file.

Also, 'To CheckOut' can be used when you have two applications linked in a DDE conversation.

When you are finished with the files in the \CHK directory, you will move any files out of that directory that you want to save, and then select 'Compress' + 'CheckIn' to delete the files located in the \CHK\ directory. A message box follows to confirm that this is what you want to do.

Any child directory of the root directory that has the name d:\CHK\*\*\ can be checked in using 'CheckIn', where zero to any 2 characters can be substituted for the two asterisks. However, when Archives creates the directories, numbers are used.

**The 'CheckIn' menu option is active only when you are in one of the \CHK\*\* directories. This is because up to 100 directories could match this format.**

The 'Compress + CheckIn' function is a misnomer. You are NOT compressing these files; but instead are deleting them to the ultimate compressed size of zero (non-existing) because they were decompressed to a temporary directory for TEMPORARY viewing/running.

This option does nothing to the original compressed file as long as it is not also located in this temporary directory! Archives will also delete the original compressed file if this file is located in this temporary directory!!!

Additionally, the CheckIn Menu option is located on the Compress Dialog Box for the ZIP, LZH, and ARC dialog boxes. This option is used to delete the files and temporary directory created during the CheckOut process. However, the dialog box option will allow you to CheckIn any directory and associated files. (You will be given 2 warnings if you select a directory that is not of the \CHK format.)

For safety reasons, this temporary directory should not already exist but instead this directory should always be created by Archives. This is because, as mentioned earlier, when you are done viewing or running these files, selecting CheckIn will delete these files and remove the temporary directory.

## Add Selection to Compressed File

This provides the "vanilla" compress the list of files previously selected. If the compress to filename doesn't exist, then the file will be created. If the directory doesn't exist, then a one level directory creation attempt will be made (similar to DOS). Archives will ask you whether the directory should be created, if the directory entered does not exist. Nothing is done to the original list of files that are being compressed. Additionally, you can select check box options to append to the compress command line.

## Move Selection to Compressed File

This option DELETES the original files selected to compress after compressing the files. If the compress to filename doesn't exist, then the file will be created. If the directory doesn't exist, then a one level directory creation attempt will be made (similar to DOS). Archives will ask you whether the directory should be created, if the directory entered does not exist. Additionally, you can select check box options to append to the compress command line.

## **Make selected \*.ZIP or \*.LZH an \*.EXE File**

I may take this option of the dialog box in the future, because normally, you would select a compressed file from the Viewer Window, press the [Run] button, and create the executable compressed file from the Run Files Using dialog box.

However, when using this dialog box, you first must select a COMPRESS file from this dialog box before choosing OK. Selecting this option executes ZIP2EXE, another PKWARE program, and makes this file a self extracting file. This option does nothing to the original compressed file. There are no other options provided by Archives. The filename is given the same prefix as the original compressed filename and the .EXE prefix is added. There are no check box options to append to the command line.

The selection you chose before opening the Compressed file dialog box is ignored with this option. The executable file is created from the compressed file you choose from the dialog box.

## **Time/Date of Latest File**

This selects one of the options from PKZIP, where the latest Date and Time stamp of the files to be compressed is used as the time stamp of the final compressed file.



## Recurse thru Subdirectories

The current directory, and all subdirectories below the current directory, are compressed into the compressed file named or created. Normally all the files are highlighted in the Viewer Window. If you highlight specific files in the Viewer Window, then only those files highlighted are compressed.

Normally you want Archives to use a \*.\* in the recurse process. Therefore, change the File Mask to \*.\* by pressing the [\*.\*] button and Press the Select All button [a] located in the lower right corner of Archives.

If you do not use a \*.\* mask, then only the files selected will be considered in the recurse process!!!!

## Store only Directory Names Recursed

This option is currently only supported for ZIP file types.

All subdirectory names below the current directory are compressed into the compressed file named or created. This function does nothing if the Recurse thru Subdirectories option is not selected.

See [Recurse thru Subdirectories](#).

## Store Complete Directory Names

This option is currently only supported for ZIP file types.

All directory names beginning from the root directory are compressed into the compressed file named or created.

## Freshen, Use Compressed Filenames

The existing filenames in the compressed file selected are used to find files to freshen the compressed file. Only filenames where the system date and time for the DOS file are newer than the date and time of the file inside the compressed file are updated. If the specified filename wasn't previously compressed, then it will NOT be included in the compressed file.

Normally you want Archives to use a \*.\* in the freshen process. Therefore, change the File Mask to \*.\* by pressing the [\*.\*] button and Press the Select All button [a] located in the lower right corner of Archives.

If you do not use a \*.\* mask, then only the files selected will be considered in the Freshen process!!!!

## Update Compressed File

Update is like Freshen; except with Update, additional files can be added to the compressed file. Freshen will not add filenames that were not already in the compressed file.

Only filenames where the system date and time for the DOS file are newer than the date and time of the file inside the compressed file are updated. Files not originally in the compressed file are added.

## Use Selected File as @File

This option is currently only supported for ZIP file types.

A very handy feature of a decompressor, where you can develop a file that lists the files that you want to compress. If you select only ONE FILENAME in the Viewer Window, then you can use this ONE FILENAME as an @FILE.

Note:

When COMPRESSING a file, you will select this @file from the Viewer Window BEFORE you select Compress. This means that the File Stats must be displayed in the Window Title bar and you will be selecting ONE file from the Viewer Window.

When DECOMPRESSING a file, you will enter the @file AFTER you select Decompress. (A small dialog box opens after you click on "Use selected file as @File" on the Compress dialog box.)

## **Compress to Filename**

You can choose an existing filename or select a new filename to be created. The confirmation box that follows will advise if a new filename to be created was requested.

## Temp Files

Manually enter a drive letter or accept the default. A directory name is not allowed to minimize the length of the DOS command line.

The decompressor allows a separate drive to be used to store temporary files. This is useful when you have a ram disk that is large enough to hold the temporary file.

Additionally Archives sometimes develops a temporary @file (using the name !ARCH??.) and a temporary batch file (!ARCHxx.BAT).



## **File Masks: ARC, LZH, ZIP**

Selecting this radio button will 'set' the DOS compressor you are using. Additionally, the filename list box will show you the current listing of similar compressed file types.

It is feasible; although not logical, to select the ZIP radio button and create a compressed file with an LZH extension. Since this is a ZIP file with the wrong extension, Archives will not be able to read this file after it is compressed unless you rename it to a ZIP extension.

## New or Change Setup Selection

You should always run Setup when a new version of Archives is installed on your computer. Obviously, this includes First time users.

You will need to run at least Setup Parts A, B, and C. You will Enter Registration after you have **Registered Archives**. When you have completed Setup, you will press Cancel to exit the Setup mode.

If the following files are in the same directory and this directory name + filename is less than 30 characters, then Setup is easy.

<b>ARCHIVES.EXE</b>	The main program. ARCHIVES.EXE will operate in all 3 Windows Modes, REAL, STANDARD, and ENHANCED.
<b>or</b>	
<b>ARCHV286.EXE</b>	Alternate main program. Compiled using 286 instructions and replaces ARCHIVES.EXE. The code is slightly smaller and faster. ARCHV286.EXE will operate ONLY in Windows STANDARD and ENHANCED modes on 286, 386, and 486 computers.
<b>ARCHIVES.HLP</b>	Archives Windows Help file.
<b>ARCH.BAT</b>	Generic DOS batch file used to call the DOS programs.
<b>ARCH.PIF</b>	Windows PIF file used to call ARCH.BAT.
<b>ARCHV.INI</b>	The Windows type INI (information) file for Archives and Archv286.exe.

If you run Windows only in the protected modes (Standard Mode or 386 Enhanced Mode), you should run ARCHV286.EXE instead of ARCHIVES.EXE. If you occasionally operate Windows in REAL mode, then I would NOT install ARCHV286.EXE on your computer. The potential problems of an unexpected Windows Termination are not worth the benefits of operating ARCHV286.

The About Box will also tell you which Version of Archives is operating. If you must use both, both ARCHIVES.EXE and ARCHV286.EXE can be in the same directory and will use the same ARCHV.INI file. Do NOT rename ARCHV286.EXE to ARCHIVES.EXE and DO NOT RUN ARCHIVES.EXE and ARCHV286.EXE at the same time. (I'm not sure what will happen or whether it will happen the same way twice if you run both programs simultaneously.)

Setup includes the following items:

<b><u>Setup Part A.</u></b>	<b>Confirms the locations of your DOS ZIP,LZH, ARC, and virus programs and enter your 'User Startup Mask'.</b>
<b><u>Setup Part B.</u></b>	Confirms the location of ARCH.PIF, the Window Title of the contained in ARCH.PIF, your CheckOut drive/directory, your Temporary files drive location, your preferred start up font for Archives, your preferred start up start up window position for Archives, your primary Window or DOS editor and your primary Window or DOS browser/viewer to launch from Archives.
<b><u>Setup Part C.</u></b>	<b>You will enter your \NORMAL or \TEST directory, set Always overwrite to ICHK and INORMAL to on or OFF,</b>

**and confirm the location of your WINDOWS directory or directory where you store your Windows utility programs such as NOTEPAD, Control Panel, and others.**

**Enter Registration.**

When you register, you will be given a registration code. You will enter this code in this section.

**Press Cancel to leave the Setup Mode...**

## Setup Part A

'Setup Part A' confirm the names of the compressor, decompressors, and virus protection programs you are using on your system. You also enter a User File Mask for Archives.

**Compressors/Decompressors:** ZIP, UNZIP, LZH, ARC, UNARC, ZIP2EXE ZIPFIX

**Virus program:** SCAN

**User File Mask:** eg. \*.ZIP;\*.ARC;\*.LZH;\*.EXE;\*.TXT;\*.INI

If the **compressor, decompressors, and virus protection** programs are located in your path, then **you do not** want to add the drive:\directory information to these programs. Windows limits the command line length passed to DOS to 120 characters when operating in Enhanced Mode and only 57 in Real and Standard Modes.

If the command line exceeds these limits, then Archives creates a temporary batch file to execute your request. Obviously, the fewer instances of creating batch files, the faster Archives will operate. (Although, on my computer, I have the temporary files going to the RAM disk and I don't notice a difference in speed.)

If you don't have one of the compressors, decompressors, or virus protection programs, leave the name as-is. Then, if you do get a copy of the missing program in the future, and the missing program is installed in your path, Archives can access the program without going through SETUP.

If these programs are not in your path, then you must enter the full drive:\directory\name. The maximum length of the path statement and filename is 30 characters. If your system has extraordinarily long directory descriptions that exceed these 30 characters, then you can enter only the filename and these programs must be in your DOS path statement.

If you select **Verify**, this dialog box will also advise you if the files could be found on your system.

## Compressors/Decompressors

Archives can be used as a compressed file viewer without any additional programs. Archives will view ZIP files compressed with PKZIP version 1.1, LZH files compressed with LHARC version 1.13 thru LHA version 2.12 and ARC file types using PKPAK/PKUNPAK or ARC-E.

To use Archives for more than a compressed file viewer, you must have the following:

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**For ZIP Files:** (These are found in PKZ110.EXE in a compressed format.)

<b>PKZIP.EXE</b>	ZIP file compressor.
<b>PKUNZIP.EXE</b>	ZIP file decompressor.
<b>ZIP2EXE.EXE</b>	Makes executable compressed files from ZIP files.
<b>PKZIPFIX.EXE</b>	Can repair some corrupted ZIP files.

Files compressed in the above format normally have a ZIP or EXE file extension. If you use these programs, you must register these programs separately with PKWARE. The registration for PKWARE products is located in the PKWARE documentation.

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**For LZH Files:**

**Preferred:** (This is found in LHA212.EXE)

<b>LHA.EXE</b>	Compresses, decompresses, and produces executable compressed files for the newer LZH formats. This version is backwards compatible with LHARC.EXE.
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**Second choice:** (This is found in LH113C.EXE)

<b>LHARC.EXE</b>	Compresses, decompresses, and produces executable compressed files for older LZH formats.
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Files compressed in the above format normally have a LZH, COM, or EXE file extension. The above files are excellent (currently freeware) programs developed in Japan.

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**For ARC Files:**

**Preferred:**

<b>PKPAK.EXE</b>	Compresses ARC files.
<b>PKUNPAK.EXE</b>	Decompresses ARC files.

**Second choice:** (This is found as ARC-E.ARC)

<b>ARC-E.COM</b>	Decompresses ARC files.
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ARC-E is a copyrighted, freeware program developed by Vernon Buerg, the developer of LIST, and Wayne Chin. Buerg has recently developed an ARC compressor; however, Archives does not support this version.

Archives provides better support for the shareware programs named PKPAK and PKUNPAK; or PKARC and PKUNARC. These are still found on bulletin boards and are PKWARE products.

## Virus Program

Provides support for executing McAfee Associates' Scan, a similar virus detection program.

Scan can be found on most bulletin boards under a name of:

**SCANV77.ZIP**                      The number '77' varies with the latest version.

SCAN is a shareware program and requires registration separate from Archives. Refer to the McAfee Associates' documentation for registering SCAN.

## User File Mask

The **User File Mask** can contain up to 50 characters. The mask is used to specify the list of files to be simultaneously displayed. The mask is useful in your visual search of specific file types in a directory.

The mask follows the normal DOS/Windows conventions for the asterisk(\*) and questionmark(?) wildcard characters. Additionally, you can enter more than one type of mask separated by a semicolon (;).

The following example will list simultaneously all the ZIP, ARC, LZH, and EXE files in the Files Window.

Example: \*.ARC; \*.LZH; \*.ZIP; \*.EXE (spaces can follow the semicolon for clarity)

The mask you enter is used as the start up mask for Archives. This mask is also used as one of the buttons in Archives. The other mask buttons preset in Archives will:

display directories only

\*,\* (displays all files)

\*.ARC, \*.LZH; \*.ZIP (displays all compressed files)

## Setup Part B

### PIF Filename for DOS Programs:

This is the location of ARCH.PIF.

### Windows Title in above PIF File:

If you do not modify ARCH.PIF, then the Windows Title will be "Archives COM".

### Fonts:

Archives will start up in one of three different fonts.

### CheckOut Drive/Directory:

The CheckOut Drive:\Directory is set to a ram drive if you have one; otherwise, set it to a hard drive.

### Use Windows Editor, Browser/Viewer:

Enter the Windows Editor and Browser/Viewer that you want to use with Archives.

### Current ARCHIVES Start up Position:

The X position, Y position, Width, and Height of Archives when it starts up can be specified.



## **PIF Filename for DOS Programs**

This is the location of ARCH.PIF. If ARCH.PIF was installed in the same directory as Archives or in your path, then Setup will find it and fill in the complete path name. If you installed this program somewhere else and Setup cannot find the file, then you must enter the complete path name.

## Windows Title in PIF File

If you do not modify ARCH.PIF, then the Windows Title will be "Archives COM". You can change this name here as long as you also change this name in the "Window Title" of the PIF file. See DOS Program Requirements for more information.

Archives needs to know the name of the Window Title so it knows when the window is closed. When the DOS window closes, then Archives deletes any temporary file created.

## Fonts

Archives will start up in one of three different fonts. Use this option to change the default startup font. The fonts can be temporarily changed while running Archives (look under the View menu of Archives when displaying Archives' Full menu.)

<b>OEM Font</b>	This font views files using the ASCII font set.
<b>ANSI Font</b>	This font views files using your system's normal Windows fixed font, usually courier.
<b>FIXED Font</b>	This is the "Old Windows" Fixed font and the font that Notepad uses. (The author's preference.)

## CheckOut Drive Directory

The CheckOut Drive:\Directory is set to a ram drive if you have one; otherwise, set it to a hard drive. The drive must have enough room to unzip your files. The directory name should NOT EXIST on your system. Archives will create the directory when you CheckOut compressed files for temporary viewing/running. When you CheckIn these files, Archives will delete the files and temporary directory. Finally, try to keep the directory name short (prefer a max of 3 characters not counting the drive, eg. F:\CHK) so that the DOS command line length isn't over 120 characters.

This drive should not be set to a substituted directory. Archives creates and deletes directories using "vanilla" C functions to be compatible with all systems and cannot create a directory to a drive that represents a substituted directory.

Archives also uses the root directory of this drive to store temporary files created and deleted by Archives.

## Use Windows Editor

### Use Windows Browser/Viewer

Enter the Windows Editor and Browser/Viewer that you want to use with Archives. You can launch any application from Archives; however, the Editor and Browser have Accelerator Keys associated with them.

If you want to use a DOS program as your editor or browser/viewer you can do the following in Setup-Part-B:

Example: In the 'Configure' + 'Setup or Register' menu, Setup Part B. In the [Use Windows Browser (Viewer)] edit text box, enter:

drive:\directory\ARCH.PIF LIST.EXE

And if you are running in Enhanced Mode, then your DOS LIST program will run in a DOS Window. You don't need to add the drive:\directory\ARCH.PIF if you run Windows in Standard or Real Modes. Just enter LIST.EXE and the DOS LIST.EXE will execute Full Screen.

If LIST is not in your path, then you must also enter the path. A maximum of 60 characters can be entered in the Enter Browser and Enter Editor text boxes.

## Current ARCHIVES Startup Position

The X position, Y position, Width, and Height of Archives when it starts up can be specified. The coordinates begin at the top left corner of your monitor. The units are 0 to 1000 for all monitor types, therefore, if you switch Windows video modes (eg. from EGA to VGA) for whatever reason, Archives will start up in relatively the same position.

If you change these numbers, press the **Verify** button to view the Startup Position of Archives.

**X** goes across your monitor beginning at 0 units for the left side of your monitor and ends at 1000 units at the far right side of your monitor. You can enter a negative value of -10 to move the left side of the Archives window slightly off your monitor if you wish.

**Y** goes down your monitor beginning at 0 units for the top edge of your monitor and ends at 1000 units at the bottom edge of your monitor. You can enter a negative value of -10 to move the top edge of the Archives window slightly off your monitor if you wish.

The **Width** is added to the X value to determine the right edge of the Archives start up window position.

The **Height** is added to the Y value to determine the bottom edge of the Archives start up window position.

## Setup Part C

### **Drive:\Directory name of the NORMAL decompress to directory:**

The Decompress 'To Normal' option is located on the main menu bar of Archives under Decompress.

'To Normal' is used when you are decompressing files to your normal decompressed to directory. Some users have programs that are run infrequently and are kept in a compressed form. These programs are decompressed to and configured for this directory.

Others call their NORMAL directory TEST, and this is where they decompress shareware programs to for testing during the trial period. This way they don't clutter their WINDOWS or other directory with INI files or other temporary files that they might be deleting later. You can even place Archives and Archives' associated files here until you're registered. This way if you don't like Archives, deleting it from this directory is easy.

It is not necessary for the NORMAL directory to exist. You could also use this as another temporary directory to decompress to.

Files placed in this directory can be manually 'cleaned out' using the File Copy, Move/Rename, and delete options built into Archives. The NORMAL directory does not have a 'CheckIn' feature.

### **Always Overwrite \NORMAL:**

### **Always Overwrite \CHK:**

When this check box is checked, all files decompressed to this directory will automatically overwrite any existing files with the same name. When the box is not checked, the decompressing program will ask whether the existing file should be overwritten with the decompressed file.

### **Confirm drive\directory of Your Miscellaneous Windows Programs:**

Archives has a dialog box that can launch ALL programs located in this directory. Most users keep their Windows utility programs in one directory and this is their Windows directory. The programs include the PIF editor, Notepad, Clock, Calculator, etc. Please confirm the directory name where you keep these Windows programs in this edit text box.

## Accelerator Keys (Hot Keys)

All of these Accelerator Keys are shown when you use the Full Menu of Archives. **(In fact, the only purpose of the Full Menu is to display the accelerator keys until you have the ones you want to use memorized.)**

### Changing the File MASK:

Alt + a	Changes file mask to *.ARC;*.LZH;*.ZIP
Alt + c	Changes file mask to *.ARC
Alt + h	Changes file mask to *.LZH
Alt + i	Changes file mask to display only directories and not display files.
Alt + u	Changes file mask to user's configured mask.
Alt + . (period)	Changes file mask to *.*
Alt + y	Alternates Task Yield ON and OFF

### Opening Files:

Ctrl + Enter	Run File using... the file selected in the Files Window.
Enter	If the Files Window has focus, open the file displayed in the Files Window or change directories to the directory displayed in the Files Window.
Enter	If the Viewer Window has focus and the FileStat button is highlighted, open the file displayed in the Viewer Window.
Enter	If the Viewer Window has focus and if you are viewing the internal compressed files of a compressed file, and the FileStat button is not highlighted, Archives asks whether you want to 'Chain CheckOut' your selection so that you can view the files.
Enter	If the Mask Window has focus, Archives changes to the Drive: \Directory\Mask you entered. If you entered a filename, Archives opens that file to the Viewer Window.
Ctrl + F12	Opens the Open File Dialog Box.

### Archives Help:

F1	Launches or reselects Window Help for Archives.
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### Displaying the DOS File Statistics:

F2	Shows the DOS File Statistics in the Viewer Window. Same as pressing [FileStat] button with left mouse button.
Ctrl + F2	Same as F2 but finds the file in the Viewer Window that is selected in the Files Window. Same as pressing [FileStat] button with right mouse button.
Alt + F2	Changes the Mask to *.* and shows the DOS File Statistics in the Viewer Window. Same as pressing [*.*] button with right mouse button.
Shift + F2	Clears the Viewer Window of any display and frees the memory used to display the contents of a file or the FileStats in the Viewer Window.

### Archives Find:

F3	Repeats the find. Shows the Find Dialog box if the find variable has not been initialized.
Shift + F3	Shows the Find Dialog box to initialize the find.



**Various:**

F4 Opens the Run Control Program dialog box.  
Alt + F4 Closes Archives.

**Goto Functions:**

F5 Opens the Goto directory dialog box.  
Ctrl + F5 Return to the previous directory.  
Shift + F5 Switches to the Client DDE Archives window.

**Panes:**

F6 Alternates between showing and not showing the Files Window.

**Run Functions:**

F7 Run user's Editor with the File Selected in the Files Window.  
F8 Run user's Browser/Viewer with the File Selected in the Files Window.  
F9 Open the Run File Using dialog box with the File Selected in the Files Window.  
F10 Run the user's Main Menu program as listed in SYSTEM.INI, (or Switch to if already running).  
F11 Run ARCH.PIF with the File Selected in the Files Window.  
F12 Open a DOS Window.

**Run Scan Functions:**

Shift + F11 Run Scan with the File Selected in the Files Window.  
Shift + F12 Run Scan on the current Archives directory.  
Ctrl + F12 Run Scan on the current Archives drive.

**Run Test Compressed File Integrity Functions:**

Ctrl + F11 Run ZIP, LZH, or ARC test integrity with the File Selected in the Files Window.

**Archives Position Function:**

Alt + F10 Alternates between Maximizing and Restoring the Archives window.  
Shift + F10 Restores Archives to the top half of the display.  
Ctrl + F10 Restores Archives to the bottom half of the display.  
Alt + Shift + F10 Restores Archives to the startup window position.

**Viewer Window Keyboard Painting Keys:**

Shift + spacebar Alternates between selecting and deselecting the cursor selection in the Viewer Window.  
Shift + UpArrow Selects or deselects the previous row (above the current selection) in the Viewer Window depending on the current cursor color.  
Shift + DownArrow Selects or deselects the next row (below the current selection) in the Viewer Window depending on the current cursor color.

**NOTE:** the following selection methods are very fast versus using the mouse for large selections:

Shift + PgUp Selects or deselects from the current selection to the top of the previous page in the Viewer Window depending on the current cursor color.  
Shift + PgDown Selects or deselects from the current selection to the top of the next page in the Viewer Window depending on the current cursor color.  
Shift + Home Selects or deselects from the current selection to the first row in the Viewer Window depending on the current cursor color.  
Shift + End Selects or deselects from the current selection to the last row in the Viewer Window depending on the current cursor color.

Alt + / or

Ctrl + \	Alternates between selecting and deselecting all items in the Viewer Window.
----------	--

**The Next 4 items function only when the Mask Window has Focus:**

Shft+Delete	Delete highlighted text & paste to clipboard.
Ctrl+Insert	Copy text to clipboard.
Shft+Insert	Paste text from clipboard.
Delete	Delete highlighted text.
Esc or Alt+BackSpace	Undo (if enter not pressed).

## Mouse And Buttons

It helps if you remember that the buttons above the Files Window affect primarily the Files Window. The non-drive buttons above the Viewer Window affect primarily the Viewer Window.

With this in mind, the button actions are as follows:

### [dir] Button

Accelerator Key: Alt+i

description: directory.  
Left Mouse: Changes the Mask Window and the Files Window to display only directories and sometimes drives. (See right mouse)  
Right Mouse: Alternates between showing directories AND drives in the Files Window and showing directories BUT NOT drives.

### [\*.\*] Button

Acc Key: Alt+. (period)

description: \*.\* File Mask.  
Left Mouse: Changes the Mask Window to \*.\* and all files in the current directory are shown in the Files Window.  
Right Mouse: Does the same as the Left Mouse AND displays the FILESTATs in the Viewer Window

### [user] Button

Accelerator Key: Alt+u

description: User's File Mask.  
Left Mouse: Changes the Mask Window to the mask you chose during Setup. Setup had a default setup of:  
\*.ARC; \*.LZH; \*.ZIP; \*.EXE  
And all files matching the user's mask in the current directory are shown in the Files Window.  
Right Mouse: Does the same as the Left Mouse AND displays the FILESTATs in the Viewer Window

### [comp] Button

Accelerator Key: Alt+a

description: All Compressed Files Mask.  
Left Mouse: Changes the Mask Window to list only the compressed files using the mask of:  
\*.ARC; \*.LZH; \*.ZIP  
And all files matching the above mask in the current directory are shown in the Files Window.  
Right Mouse: Does the same as the Left Mouse AND displays the FILESTATs in the Viewer Window

### [Read] &

### [ZIP], [LZH], [ARC], [TEXT], [BINARY] Button

Accelerator Key: Enter

description: Read File selected in the Viewer or Files Window.  
NOTE: This button changes names and tells you the type of file that is read, but the button has the same response in all cases.  
The [Read] button will change to [ZIP], [LZH], [ARC], [TEXT], [BINARY] depending on the type of file read.  
Left Mouse: Reads the file selected in the Viewer Window. If you are viewing the inside of a text file, then Read defaults to reading the file selected in the Files Window.  
Right Mouse: Finds the file selected in the Files Window by first displaying the FILESTATs in the Viewer Window, then the cursor finds the file selected. Same as the Right Mouse on the FileStats Button.

**[FileStat] Button**

Accelerator Key: F2

description: List the DOS File Statistics: date, time, file size, file attributes.  
Left Mouse: List the DOS File Statistics for the files showing in the Files Window.  
Right Mouse: Finds the file selected in the Files Window by 1st displaying the FILESTATS in the Viewer Window, then the cursor finds the file selected. Same as Right Mouse on Read Button.

**[Run] Button**

Accelerator Key: F9 (calc)

description: Run a program or file selected in the Viewer Window.  
Left Mouse: If the DOS File Stats are showing in the Viewer Window, then the Run dialog box opens. If you are Viewing the contents of a compressed file, you are asked if you want to 'Chain CheckOut' this file first. (You have to decompress the file first before you can run it.)  
Right Mouse: NULL, nothing happens.

**[..] Button**

Accelerator Key: Backspace key

description: parent directory selector.  
Left Mouse: Moves the current directory level one level closer to the root directory in this drive. If you are already in the root directory, nothing happens.  
Right Mouse: NULL, nothing happens.

**[=A=] [-C-] [-R~] Buttons**

Accelerator Key: Ctrl+letter

description: drive selector.  
Left Mouse: Moves the current drive selection to the drive letter selected.  
Right Mouse: NULL, nothing happens.

**[F6] Button**

Accelerator Key: F6 function key

description: remove/show the Files Window.  
Left Mouse: Alternates between showing and not showing the Files Window.  
Right Mouse: Empties the Viewer Window and the memory buffer holding the contents of the Viewer Window. Title Bar of Archives changes to 'Archives - (untitled)'

**[≡] Button**Hot Key: Alt+/  
Hot Key: Alt+>

description: Select All/ Deselect All located in lower right corner of Archives.  
Left Mouse: Alternates between SELECTING ALL of the contents of the Viewer Window and DESELECTING ALL.  
Right Mouse: Always DESELECTS ALL.

**Mouse Functions in the FILES WINDOW:**

Note: You can select only one file at a time in the Files Window.  
Left Mouse: Double click always opens a file to view the file's contents unless that file is an executable program, then it tells you the type of program it probably is (eg. DOS, maybe Windows, definitely Windows 3.0, etc.)  
Right Mouse: Brings up the run dialog box to run the selected program or file.

**Mouse Functions in the VIEWER WINDOW:**

Note: You can select up to 2000 non-consecutive files at a time in the Viewer Window.  
Left Mouse: Double click always opens a file to view the file's contents unless that file is an executable program, then it tells you the type of program it probably is (eg. DOS, maybe Windows, definitely Windows 3.0, etc.) This is the same as the Left mouse in the Files Window.  
Right Mouse: When viewing DOS FileStats, will bring up the Compress Dialog Box. When viewing COMPRESS FILES, will bring up the DeCompress Dialog Box.

## CHAIN CHECKOUT and 'CHAIN CHECKIN' Menu Options

The 'Chain CheckOut' option is located on the main menu bar of Archives under Decompress. 'Chain CheckOut' is normally used when you are temporarily viewing files downloaded from a bulletin board.

**'Chain CheckOut' is the fastest method that Archives has to temporarily decompress a compressed file for temporary viewing/running. You can decompress this file with as few as 2 Mouse Clicks.**

When you are finished viewing/running these files, **'Chain CheckIn' deletes the temporary directory and the temporarily decompressed files. This is done immediately and without additional confirmation when you select 'Compress + Chain CheckIn' from Archives' main menu.**

'Chain CheckOut' is also used to decompress compressed files that contain internal compressed files. Hence, consecutively Chaining CheckOuts.

**To Chain CheckOut a compressed file**, double click on a Compressed File displaying in either the Files Window or in the Viewer Window. This opens the file to display the internal compressed file names in the Viewer Window. Select the files that you want to Chain CheckOut in the Viewer Window. Then, select Decompress + Chain CheckOut from the main menu bar of Archives, or press the [Run] button.

This will decompresses the file selected in the Viewer Window to a temporary directory. Additionally, this will automatically minimize the current Archives window, and automatically reopen another Archives window displaying the decompressed file contents.

The Title Bar of the first Archives window changes to "Archives # 1" and the second Archives Title Bar displays "Archives #2".

If you select 'Chain CheckOut' again using the "Archives #2" window, then a third window opens with the Title Bar displaying "Archives #3". Normally this is done when the decompressed file contained compressed files. However, you could move off to another directory using the "Archives #2" window and decompress another compressed file using 'Chain CheckOut'. During one of my tests, I've had 21 Archives Windows consecutively "Chain CheckedOut" together.

When the user is finished viewing or running the decompressed programs or files, the user then selects 'Chain CheckIn', found on the main menu bar of Archives under Compress. Archives will remind you to 'Chain CheckIn' the window with the highest number if you try to 'Chain CheckIn' the chain in the middle.

'Chain CheckIn' simply deletes the temporary directory and associated files. Placing 'Chain CheckIn' under the Compress menu of Archives is a misnomer. You are NOT compressing these files but instead are deleting them to the ultimate compressed size of zero (non-existing) because they were decompressed to a temporary directory for TEMPORARY viewing/running.

The temporary directory name was chosen by the user during Configure+Setup, Setup-Part-B. Archives originally suggested a directory name of \CHK\.

For 'Chain CheckOut', if the \CHK directory exists, another directory is created using the name \CHK00, then \CHK01, to a maximum of \CHK99. The names that already exist are skipped in case you have not one, but two or more consecutive chains going on at the same time.

Additionally, the 'CheckOut Selection' Menu option on the 'Decompress Dialog Box' for the ZIP, LZH, and ARC files performs the same function as 'Chain CheckOut' when the 'Open 2nd' (copy of Archives) check box is checked.

## To CHECKOUT \CHK\ and 'CHECKIN' Menu Options

The 'To CheckOut' option is located on the main menu bar of Archives under Decompress.

'To CheckOut' is normally used when you are decompressing files from one or more compressed files and you want them all to go to the temporary \CHK directory. You may be collecting internal compressed files from many compressed files to run, view, or recompress into another compressed file.

Also, 'To CheckOut' can be used when you have two applications linked in a DDE conversation.

When you are finished with the files in the \CHK directory, you will move any files out of that directory that you want to save, and then select 'Compress' + 'CheckIn' to delete the files located in the \CHK\ directory. A message box follows to confirm that this is what you want to do.

Any child directory of the root directory that has the name d:\CHK\*\*\ can be checked in using 'CheckIn', where zero to any 2 characters can be substituted for the two asterisks. However, when Archives creates the directories, numbers are used.

**The 'CheckIn' menu option is active only when you are in one of the \CHK\*\* directories. This is because up to 100 directories could match this format.**

The 'Compress + CheckIn' function is a misnomer. You are NOT compressing these files; but instead are deleting them to the ultimate compressed size of zero (non-existing) because they were decompressed to a temporary directory for TEMPORARY viewing/running.

This option does nothing to the original compressed file as long as it is not also located in this temporary directory! Archives will also delete the original compressed file if this file is located in this temporary directory!!!

Additionally, the CheckIn Menu option is located on the Compress Dialog Box for the ZIP, LZH, and ARC dialog boxes. This option is used to delete the files and temporary directory created during the CheckOut process. However, the dialog box option will allow you to CheckIn any directory and associated files. (You will be given 2 warnings if you select a directory that is not of the \CHK format.)

For safety reasons, this temporary directory should not already exist but instead this directory should always be created by Archives. This is because, as mentioned earlier, when you are done viewing or running these files, selecting CheckIn will delete these files and remove the temporary directory.

The user does not have to CheckIn files that were CheckedOut using the 'To CheckOut' option.

## Decompress To Normal Menu Option

The 'To Normal' option is located on the main menu bar of Archives under Decompress.

'To Normal' is used when you are decompressing files to your normal decompressed to directory. Some users have programs that are run infrequently and are kept in a compressed form. These programs are decompressed to and configured for this directory.

Others call their NORMAL directory TEST, and this is where they decompress shareware programs to for testing during the trial period. This way they don't clutter their WINDOWS or other directories with INI files or other temporary files that they might be deleting later. You can even place Archives and Archives' associated files here until you're registered. This way if you don't like Archives, deleting it from this directory is easy.

The name of the NORMAL directory is changed in 'Configure' + 'Setup', Setup Part C. For most of the above options, the NORMAL directory is required to be in your path statement; therefore, if you are setting up a NORMAL or TEST directory for the first time, add it to your path statement. I recommend that you keep the name short and one level off the root directory of any hard drive to keep your path statement from exceeding 128 characters and Archives' command line as short as possible (to avoid writing temporary files).

It is not necessary for the NORMAL directory to exist. You could also use this as another temporary directory to decompress to.

Files placed in this directory can be manually 'cleaned out' using the File Copy, Move/Rename, and delete options built into Archives. The NORMAL directory does not have a 'CheckIn' feature

## Product Disclaimer & Registration Form

**Off the WALL Software** and Ted Wall expressly disclaims any warranty for supplying accurate or functional products or materials relating to or including this software. The user of this material and software assumes all risk as to the quality, performance, and/or use of the software. In no event will the liability of **Off the WALL Software** and/or the programmer ever exceed the price paid for the registration of the software regardless of the form of the claim. Registering this application indicates that you understand that you are purchasing this product as-is and without any warranty of any kind.

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You must register Archives to obtain a Registration code.

You will enter the code in Configure + Setup, Register.

Once you have entered your name and the registration code supplied to you by **Off the WALL Software**, the "Please Register" messages will discontinue.

Remember: the registration code was supplied to you with spaces to assist you in entering the code; however, DO NOT ENTER the spaces. Additionally, once you have entered your registration code, you do not have to enter the code for future upgrades to Archives in the Windows 3.0 and 3.1 environment..

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Click [REGISTRATION FORM](#) to go to the actual form.

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**An important note:** When you register Archives, you must separately register any other shareware programs that you use in conjunction with Archives. Registering Archives does not register these other program, such as PKWARE's PKZIP or PKUNZIP.

**MAIL the Registration Fee and the above form for Archives TO:**

**T. F. Wall  
Off the WALL Software  
7680 Cottonwood Ln.  
Pleasanton, CA 94588-4322  
USA**

### For Product Support, and Installation Questions:

Registered users may phone or write with product support questions, requests for changes, and suggestions for improvement.

Non-registered users may write or phone with installation questions. Non-registered users are welcomed to suggest improvements in writing.

**Phone:** Charge Cards cannot yet be accepted. Registered users can call for product support, improvements and others can make inquiries at the following:

415-484-4129 8am - 5pm (Pacific Time)  
510-484-4129 (after 9/2/91)

### CompuServe:

I can also be contacted on CompuServe; although, I currently access this system on a weekly basis.



COMPUSERVE ID 73747,1563

## Registration Form: (click on form)

Enclose \$35 (check or money order) and a "Self Addressed Stamped Envelope".

Print Your Name (5 to 30 characters):

\_\_\_\_\_  
(Your name will be entered into Archives.)

Print Your complete Address:

\_\_\_\_\_  
\_\_\_\_\_  
City: \_\_\_\_\_ St. \_\_\_\_\_ ZIP \_\_\_\_\_

Phone Number (optional):

A/C \_\_\_\_\_

Your signature warrants that each registered copy of Archives will be used by only a single user. Additionally, the signature acknowledges that the Archives software and other materials in conjunction with the Archives Software developed by **Off the WALL Software** or the programmer is provided as-is and without warranty of any kind, either expressed or implied. The signature warrants that your REGISTER CODE will not be forwarded to a third party. Only one user per code.

Your Signature:

\_\_\_\_\_

**MAIL the Registration Fee and the above form for Archives TO:**

**Off the WALL Software  
7680 Cottonwood Ln.  
Pleasanton, CA 94588-4322  
USA**

Thank you for registering Archives,

Ted Wall

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Archives uses your name and a REGISTER CODE to register the application. The name and REGISTER CODE is supplied only when Archives is registered (using this form), and the \$35 registration fee is enclosed with a SASE envelope, and when the registration form is signed by the registered user. The REGISTER CODE will be returned to you in your SASE as soon as the registration is

received. This REGISTER CODE can be used for all future (if any) to Archives in the Windows 3.0 and 3.1 environment. Major Windows environment changes that require significant modifications to Archives may require additional registration; although, a reduced registration fee will be provided to the currently registered users.

## Future Improvements to Archives

If the Shareware Market supports Archives, the following improvements are planned; although, I reserve the right to change the list on impulse.

As upgrades add complexity to Archives, price increases to the registrations will occur.

As long as these improvements are made in the Windows 3.0 or 3.1 environment, currently registered users will be registered for the upgrade as well. Major Windows environment changes that require significant modifications to Archives may require additional registration; although, a reduced registration fee will be provided to the currently registered users.

Future Improvements may include ( not in any order or preference):

1. Sort the Viewer Window by kind, date, size, directory. Add Primary, Secondary, Tertiary sort and keep the user selections.
2. Add a Directory Tree.
3. Add a Proportional Font and separate the filename & extension.
4. Include a function to Copy the file list in the Viewer Window to the Clipboard, allowing the user to use this list to build an @file for compressed functions.
5. Read and change compressed file comments.
6. Allow usage of passwords for compressed files.
7. Build a user definable menu section so the user can launch their own programs & attach to the Alt+F9 key.
8. Make the code smaller. I haven't even started to reduce the code because I've been too busy adding features recommended by users.
9. Increase the options available to the ZIP, LZH, ARC compressor and decompressor dialog boxes.
10. Add support for the ARJ format.
11. Add sysop support for converting and testing uploaded files in bulk.

You can print the REGISTER.FRM  
located in the original ARCHIVES.ZIP compressed file,  
Using Archives' main menu File + Print.  
Archives will use your default printer text characters

or

Print this form from this HLP file in Helv print format by selecting  
File+Print Topic from this Help Menu.

or

Copy this page to the clipboard by selecting Ctrl+Ins,  
then paste in Notepad, and finally print from notepad.  
Notepad will use your default printer text characters.

or

Print the REGISTER.FRM  
(from DOS using the COPY /b REGISTER.FRM PRN command.)



