

## **Drag And Zip Help Index**

### **Overview**

[What is Drag And Zip?](#)  
[Creating a Zip File](#)  
[Dragging and Dropping Directories](#)  
[Viewing Zip Files](#)  
[What is Fileman Launcher](#)  
[Using Fileman Launcher](#)  
[Adding, Deleting and Changing Program Properties](#)  
[Getting Help](#)  
[Uninstalling Drag And Zip](#)  
[Ordering Information](#)  
[Overseas Purchases](#)

### **Commands**

[Changing Drag And Zip's Settings](#)  
[View](#)  
[Delete](#)  
[Launch](#)  
[Scan](#)  
[Check Out](#)  
[Make EXE](#)  
[Comment](#)  
[Sort](#)  
[Extract](#)  
[Convert to ZIP/LZH](#)  
[Changing screen fonts](#)

### **PKZIP/PKUNZIP Options**

[PKZIP/PKUNZIP Command Line Arguments](#)  
[PKZIP Commands](#)  
[PKUNZIP Commands](#)  
[LHA Commands](#)

### **What Is Drag And Zip**

Drag And Zip is a set of utilities that makes Windows 3.1 file manager into a file manager for ZIP and LZH files.

Drag And Zip makes it very easy to run PKZIP or LHA and compress groups of files from any Windows file manager that supports "Drag and Drop".

To compress a file with Drag And Zip you merely "drag" files from the file manager and "drop" them on the Drag And Zip icon, fill out a dialog box with the filename and destination directory, and Drag And Zip will run PKZIP or LHA on them automatically.

Viewing the contents of a ZIP or LZH file is as easy as double clicking on the file listing in file manager. Drag And Zip's ZIP file viewer, Zip View, will automatically be loaded and will show you the contents of the compressed file. You can tag any group of files in Zip View for extraction or deletion. You can view any file with Zip View's built-in file viewer or the file viewer of your choice. You can temporarily extract any file from the compressed file and run it if it is a program, or run the program associated with it. If you make modifications to the extracted file, you will also have the opportunity to replace the older file currently in the compressed file with the modified one. You can also make self-extracting archives.

If you have a virus scanner, you can have Drag And Zip scan the files in the archive for possible viruses. There is also a check out feature where you can temporarily extract the files from a ZIP file and give them their own program group to "check them out".

Also part of the Drag And Zip utilities is ~~Fileman Launcher~~. Fileman Launcher installs as a file manager extension and runs Drag And Zip every time you run Windows File Manager or any file manager that supports file manager extensions. When you exit File Manager, Drag And Zip will exit automatically at the same time. Fileman Launcher has its own menu in File Manager. You can use this menu to ZIP files instead of dragging them to the Drag And Zip icon. You can also add other programs to be run with File Manager through the Fileman Launcher menu.

Along with Drag And Zip you need to be running Windows 3.1 or better and have your own copies of PKZIP and PKUNZIP. You also need a copy of ZIP2EXE.EXE if you want to make self-extracting ZIP files. Zip View can be used to show you the contents of a ZIP file, but if you want to extract any files you will need your own copy of PKUNZIP.

This version of Drag And Zip is designed to be compatible with PKZIP version 2.04 as well as version 1.1. Any other versions of PKZIP may not work properly. To use Drag And Zip to build and extract LZH files, you must have a copy of LHA.EXE. Drag and Zip will not work with LHARC.EXE.

## Creating a Zip File

When you run Drag And Zip, it will load and show its zipper icon at the bottom left of your screen. Drag And Zip must be running for you to use it. It will not work if you try to drag files to its icon in Program Manager.

When you want to create a Zip or LZH file, run File Manager or any file manager that supports Drag and Drop, and select the files that you want to Zip. Then hold the mouse down on one of the selected files. The mouse cursor will become a white rectangle with a "+" on it. Move the mouse without taking your finger off the left button to the Drag And Zip icon. While you are moving the mouse, the cursor will become a circle with a slash through it. When the cursor is over the Drag And Zip icon, it will once more become a white rectangle with a "+" on it.

Let go of the mouse button. The Drag And Zip dialog box will pop up asking you for a name for the ZIP file that you want to create.

In this you have the opportunity to add command line arguments and specify a directory where you want the ZIP file to be created. You can choose the browse button and pop up a common file select dialog box where you can browse through drives and directories to get the output directory.

The radio buttons on the left let you choose between PKZIP and LHA to compress files. For just compressing files, you don't have to enter any special command line arguments in the arguments field. If you are running PKZIP version 2, there will initially be some arguments placed in this field. These arguments are there to turn off some options that may cause PKZIP some trouble when running under Windows. If you're not familiar with PKZIP command line arguments, there is a "Browse Arguments" button. Choose it and Drag And Zip will present you with a dialog box where you can choose from the more popular command line arguments with easy check boxes and combo boxes.

The argument choices are:

Compression options: With PKZIP version 2, and LHA the default is "Normal Compression". With PKZIP version 1.1 the default is "Maximum Compression". To learn about the other compression methods, you should consult your PKZIP and LHA manuals.

Multiple Disks: PKZIP version 2 allows you to Zip files onto multiple floppy diskettes. And, there is a "Multiple disks" check box to enable this option. When you are Zipping to multiple disks, you also can specify if the disks that you are Zipping to are to be formatted or just erased, and you can specify if they are high density or low density. You can choose any of these options from the drop-down combo box which becomes active when you check the "Multiple disks" box.

Zip Subdirectories: This is equivalent to the "-r" argument. When you choose this option, PKZIP will not only Zip the files in the directories that you dragged to it, it will Zip any sub directories that are in the directories and any sub directories in the sub directories, compressing all the files in the directory branch. This choice will be disabled unless you dragged directories to Drag And Zip. You can drag directories from the right side of the file manager and from either side of Norton Desktop for Windows. When you drag directories to Drag And Zip, all the files in the directory will be compressed.

Store path names in subdirectories: This is equivalent to the "-p" option in PKZIP. This choice will be disabled unless you dragged directories to Drag And Zip. This option won't save path names of the files in the directories that you dragged, but it will save the path names of the files in the sub directories of the directories that you dragged.

Store all path names: You choose this option to save the path names of every file that you are Zipping.

Version 2 compatibility: These, check boxes give you access to what PKWARE calls trouble shooting options. PKWARE has made every effort to make PKZIP and PKUNZIP version 2.04 run under Windows without any problems. However, with some hardware combinations some problems still might exist. These trouble shooting options are there to eliminate these possible problems. By default, Drag And Zip has these options turned off to provide maximum compatibility with your hardware. Feel free to experiment with turning them on and off to get the best combination of speed and compatibility.

Besides "OK" and "Cancel" buttons there is also a button that says "Save as Default". Normally the command line arguments are active only for each Drag And Zip session, but if you choose "Save as Default", the options will be saved to disk and be active each time that you use Drag And Zip.

When you choose the "OK" button, the arguments that you chose in the Browse Arguments dialog are placed in the "Command line arguments" box in the Zip dialog. You can edit or change any of these arguments. If you want to try an option that isn't available from the Browse Arguments, you can still enter it manually in the "Command line arguments" field. Whichever arguments are in that field when you click on "OK" are the ones that will be passed to PKZIP or LHA when Drag And Zip runs it.

When you are all finished and click on "OK", Drag And Zip will run PKZIP or LHA and compress the files. If you don't enter an extension for the compressed filename, Drag And Zip will make it ZIP for PKZIP and LZH for LHA.

If you are running Windows 3.1 in enhanced mode, PKZIP and LHA will be run in a window. If you are running in standard mode, PKZIP and LHA will be run as a DOS application in full screen.

If you specify an output directory that doesn't exist, Drag And Zip will let you know, and give you the option to create the directory before running PKZIP.

The window that PKZIP is running in will stay open until you press a key or click the mouse on the "OK" button, so you will be able to see any messages output by PKZIP. If you're working with the file manager from Windows, the file manager screen will be updated to reflect any changes to the file listing.

## **Changing Drag And Zip's Settings**

If you want to change any of Drag And Zip's settings you don't have to rerun the DZSetup program. All you have to do is click on Drag And Zip's icon when it is running and a menu will pop up. Choose the "Settings" option from the menu and you will be presented with a dialog box where you can modify all of Drag And Zip's settings. To change the settings in Zip View click ":Options\Settings"

### **Icon always visible**

Checking this option will make Drag And Zip's icon visible at all times. This is not necessary if you are running Drag And Zip with Fileman Launcher, as Fileman Launcher will always uncover DZ's icon when you are working in File Manager.

### **Icon stays where last put**

Checking this option will have Drag And Zip remember the position of its icon when you last ran it. This is not necessary if you are running DZ with Fileman Launcher

### **PKZIP version 2 or greater**

It's important that this option be checked if you are running with PKZIP version 2.04, and that it not be checked if you are running with PKZIP version 1.1. That way Drag And Zip can pass the proper commands to PKZIP when it is running it. No other versions of PKZIP are currently supported.

### **Output directory**

You have two choices for the default output directory that Drag And Zip and Zip View will enter into the Zip dialogs. One is the current directory, which is the directory that you dragged the files from. The other is the directory that you used the last time that you used Drag And Zip.

### **PKZIP/PKUNZIP location**

This should contain the directory where your copies of PKZIP and PKUNZIP are.

### **LHA location**

This should contain the directory where your copy of LHA.EXE is.

### **Icon caption**

Many users have asked if they could shorten or eliminate the caption under the Drag And Zip icon when it is running. Now you can. Just enter whatever you want in this field and it will appear below Drag And Zip's icon when you run it. Unfortunately, if you choose to make this field blank, Windows will put a blank line under the icon rather than not having a caption at all.

### **Display options**

These options allow you to choose which information Zip View will show in its ZIP file display. Normally, any stored path information will be shown. But if you click on "Show CRC", Zip View will show CRC information instead. Whichever view option you choose will be saved automatically for future Zip View sessions.

### **Anti-Virus**

In the first field you should enter the path and the name of the anti-virus program you want Zip View to run when you want to scan files for viruses. In the second field, enter the commands that Zip View has to pass to the scanning program to make it work. Put "\*.\*" where you want Zip View to substitute the drive and directory of the files that you want scanned. For instance, if you were using McAfee's Scan program you would enter "/A /nomem \*.\*". The "/A" indicates that you want all of the files scanned. The "/nomem" tells

the program not to scan memory, just files. The "\*.\*)" will be replaced by Zip View with the drive and directory of the files to be scanned.

**Viewing Program**

Drag And Zip has its own built-in ASCII viewer that you can use to view ZIP files. However if you want to add a different viewer you can enter the directory and the filename in this section. If nothing is entered here, Zip View will use its own built-in viewer. If you want a more robust file viewer, we recommend Drag And View by Canyon Software.

**Sort**

By default, the Zip file listing is unsorted. You can choose to have it sorted by Filename, Extension, Date and Time, or Size through this menu option. There is also an option to save the desired sort for future sessions of Drag And Zip.

### **Dragging and Dropping Directories**

With Drag And Zip, you can drag and drop sub directories just like files. In the Windows file manager, you can only drag directories if you have them listed along with files on the right hand side of the file manager. When a directory is dragged, it will be presented to PKZIP as DIRNAME\\*.\*. If you want PKZIP to also Zip any sub directories in the dragged directory, you can go to the "Browse Arguments" dialog and click on "Zip sub directories" and also "Store path names" or "Store all path names". These options will enter the arguments "-r" and "-p" and "P" respectively in the "Command line arguments" field. They are explained in more detail in the previous paragraphs which discuss the Browse Arguments dialog.

Norton Desktop for Windows allows you to drag whole directory branches from the directory tree. If you are dragging a whole directory branch with sub directories in Norton Desktop, you should not use the "Zip sub directories" option because that would make the directories get Zipped twice.



## Viewing Zip Files

The easiest way to use Zip View is to double click on a ZIP or LZH file in Windows 3.1 File Manager, or any file manager that supports Drag and Drop. If you've let the setup program put an association line in your WIN.INI, Zip View will be run and will show a file listing of the contents of the Zip File in a window. The listing will have the file name, the size in bytes, the date and time of the file, the compression method used; and if there is a stored directory name, Zip View will show that also. On the bottom left the number of files in the ZIP file will be displayed, as well as their collective size.

Zip View makes it easy to find any file even in a large listing: Just type in the filename. As you type it, the highlight bar will go to that file. An edit window will open up on the bottom left showing you the contents of what you type. You can also just type in a partial filename and use the up and down arrows to scroll through the matches.

You don't have to close the Zip View window to view another ZIP file. Just double click on another ZIP file and Zip View will show it. You can also bring files into Zip View by dragging them to its icon or window or by using Zip View's file menu.

There are seven buttons across the top of the screen. You can click the mouse on them or use the Alt key and the underlined letter on the button. Clicking on a file will move the highlight bar to that file. You can then tag the file so Zip View will know that you want to unZip it.

You can tag any in one of three ways:

1. Hold down the Ctrl key and click on the file with the left mouse button.
2. Click on the file with the right mouse button.
3. Highlight the file and then press the space bar.
4. Highlight the file and press the left arrow key.

You can untag the file by doing the same procedure on a tagged file.

A tagged file will have a red arrow at the front of its listing. Like File Manager, Zip View lets you tag a group of files by holding down the Shift key and clicking on a file. You can also tag and untag files with the Right and Left Arrow keys respectively. Use the Ctrl key with the arrow keys to tag and untag all the files. Double clicking on a file will extract it and run it if it is a "COM" or "EXE" file, or will run the program that you have associated with the file if it is a data file. For example, if you clicked on CHESS.BMP, Zip View would extract CHESS.BMP from the parent ZIP file and then check which program you have associated with it. Most likely you have Windows Paintbrush as the associated program. In this case, Zip View will run Paintbrush with CHESS.BMP as an argument. When you close the associated program, Zip View will delete the file. Before deleting the file, Zip View will check if it has been modified. If it has been modified, you can have Zip View replace the older version of the file in the ZIP file with the newer modified one. Simply click on OK when Zip View asks you if you want to put the modified file back into the ZIP file. If you double click on a file that has no program associated with it, you will be able to choose from a list of programs to run with it.

### Viewing Zip Files Without the ZIP Extension

Self-extracting Zip files have an EXE rather than a ZIP extension and if you double click on them File Manager won't know that it is supposed to run Drag And Zip. These files and any other Zip files that don't have Zip extensions have to be viewed differently. The easiest way is to run "the file viewing portion of Drag And Zip directly instead of having File Manager run it. Drag And Zip's file viewer is called Zip View. Zip View's icon is of a partially opened

zipper. When you run Zip View, it will open a view window but there won't be any Zip file listing displayed. However you can drag the file that you want to view to the open viewer and it will be displayed. Zip View also has it's own "File/Load" menu that you can also use to view a file

**Viewing a Zip File Without File Manager**

The Drag And Zip Zip file viewer, Zip View, can also be run alone instead of from Windows File Manager. You can use the "File/Load" menu option to choose a Zip file to view.

**View**

The first button is "View". Clicking on this or pressing "Alt-V" will have Zip View extract the file from the Zip File and load up a file viewer so you can see the contents of the file. Zip View's built in file viewer can accept files of unlimited length. From the viewer's "Settings" menu you can add word wrap and change the font that the viewer is using. The file being viewed will only be extracted temporarily and will be deleted when you try to view another file or exit Zip View. If you want the file extracted permanently, you must choose the extract button from the button bar.

If you would rather use another viewer, you can do so through the settings dialog'

**Delete**

You can delete any file or group of selected files from the Zip file by clicking on the "Delete" button or pressing "Alt-D". Drag And Zip accomplishes this by running PKZIP with the "-d" option.

**Launch**

Clicking on "Launch" or pressing "Alt-L" will extract any file from the ZIP file and run it if it is a program or run it with its associated program if it is a data file or graphic. If no program association exists for the file, you will be able to choose one.

## **Extract**

To extract (unZip) files from a ZIP or LZH file, choose the "Extract" button from the button bar. A dialog box will pop up in which you can enter the Zip filename, any special command line arguments and a specific output directory.

In the Extract Dialog box there are three radio buttons that give you the choice of extracting all the files, just the tagged files, or just the highlighted file.

To simply extract files with PKUNZIP, you will not have to enter anything in the "Command line arguments" field. If you want to see what the argument choices are, you can click on the "Browse Arguments" button. That will pop up a dialog box where you can choose the arguments that you want from easy check boxes.

The argument choices are "Create directories stored in Zip file" and "Overwrite existing files". If you used the "-p" or the "-P" option when creating the ZIP file, there will be directory information in it and you can recreate those directories with the first option.

Normally PKUNZIP asks you before overwriting a file, but you can choose "Overwrite files" to keep it from asking you.

The other arguments are there to make PKUNZIP version 2 compatible with running in a Windows DOS box. They will be disabled if you are not running PKUNZIP version 2. If you are running PKUNZIP version 2, they will be turned off by default, but you can experiment and turn them on if you so desire.

Choosing OK will place those arguments into the "Command line arguments" field in the unZip Dialog. Choosing "Save as Default" will make those arguments active every time you unZip a file.

You can also manually enter any command line arguments into the arguments field. They will be passed to PKUNZIP when it is run.

If you are extracting an LZH file, the extraction dialog box will be a little different. The only option available through a check box is to create directories stored in the archive. All other command line options will have to be entered manually in the command line arguments edit box. You can look up all of LHA possible options with the on-line help.

Click on the OK button of the unZip Dialog to run PKUNZIP. If you've entered an output directory that does not exist, Zip View will pop up a dialog box informing you of such, and will give you the opportunity to create the directory.

The window that PKUNZIP is running in will stay open until you press a key or click on the OK button, so you will be able to see any messages output by PKUNZIP.

**Scan**

If you have installed a virus scanner, you can click on the scan button and scan the files inside the archive for viruses. Zip View will first extract all the files to a temporary directory and then run the scanner on them to check for possible viruses. For Zip View to be able to run your scanning program, the scan program must support command line arguments. That way Zip View can run it and tell it which files to scan without your having to navigate through menus. Unfortunately most Windows- based scanner programs don't work this way. Most likely your scanning program will be DOS based; and in that case Zip View will run it in a DOS window.

**Check Out**

Check out is good for those of you who download files from BBSs and then want to quickly try them out to see if you like them or not. Normally you would have to manually extract the files manually and run the installation program. If you didn't like the program you would then have to delete it manually. Check Out will do all of that automatically for you. Check Out temporarily unZips a file and puts the extracted files in a "Check Out" program group so you can "Check them out". When you're all done you can delete the extracted files and the "Check Out" group automatically, or if you want to keep the group, you can save it under another name.

There is also an option to scan the files for viruses before putting them in a program group.



**Comment**

This button will be disabled unless the Zip file has a comment attached to it. If there is a comment in the Zip file, you can view it by clicking on this button

**Make EXE**

If the DZSetup program was able to find a copy of ZIP2EXE.EXE in your PKZIP directory, you will have an additional button on the button bar entitled "Make EXE". If you click on this button or press "Alt-E", Drag And Zip will run your copy of ZIP2EXE and make a self-extracting executable (EXE) file from your Zip file. Drag And Zip will present you with a dialog box where you can enter an output directory and a check box where you can specify if you want the resulting EXE file to be a "mini PKSFX". A mini PKSFX has a smaller header than a regular EXE file made with ZIP2EXE, and is therefore smaller. To make a mini PKSFX file, Drag And Zip runs ZIP2EXE with the "-j" option.

**Convert to ZIP\LZH**

This option will convert a ZIP file to an LZH file and convert an LZH file to a ZIP file. You will also be able to change the filename and the destination directory. To convert a ZIP file to an LZH file, you will need copies of PKUNZIP and LHA. To convert an LZH file to a ZIP file you will need copies of LHA and PKZIP.

**Fonts**

Clicking on Fonts will bring up a standard Windows 3.1 font dialog box from which you can change the default font in Zip View.

## **Getting Help**

If you have questions or problems with Drag And Zip, Zip View or Fileman Launcher, help is free for all registered users.

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## Using PKZIP/PKUNZIP Command Line Arguments

Drag And Zip allows you to choose many of PKZIP, PKUNZIP and LHA's commands through easy check boxes and combo boxes. However, sometimes you might want to use some of PKZIP's less common commands that Drag And Zip doesn't have listed in its arguments dialog. To enable you to do this, Drag And Zip allows you to enter any PKZIP/PKUNZIP command by entering the letter of that command in the arguments field in the Zip and UnZip dialogs. All commands consist of a minus sign and then the letter of the command.

## PKZIP Commands

### **-a+ Turn Off Archive Attribute of Added Files. PKZIP version 2 only.**

Using this option turns off the "archive" attribute of a file when it is added to a Zip file. This is handy when you are using Drag And Zip and PKZIP to make a complete backup of your hard disk. When files are created or changed, DOS automatically turns on the "archive" attribute. With only new and changed files having this attribute set, you can then easily back them up. Zipping the files with just the "archive" attribute set can be accomplished with the "-i" command.

### **-b<drive:path> Create Temporary .ZIP File on Alternate Drive**

When a Zip file is updated (files added or deleted), PKZIP creates a temporary work file. When the updating is finished, PKZIP deletes the original Zip file and renames the temporary file as the Zip file. That means if you are adding a 10k file to a Zip file of 600k bytes you will need at least another 610k for the temporary file. If drive space is short on the drive where the Zip file exists, you can have PKZIP create its temporary file on the drive and directory specified after the "-b" argument. For example, "-b d:\utility" will have PKZIP create its temporary file on drive "D" in the "utility" directory.

### **-c Create/Edit File Comments for All Files**

### **-ac Create/Edit File Comments for All Files During Update**

### **-C Add Comments to New Files Only**

You can have a comment attached to each file in a Zip file to help in identifying the file. The comment can be up to 59 characters long. Use "-c" to add or edit comments in a Zip file that already exists. Use "-ac" when you are updating an already existing Zip file to add comments to new files being added to a Zip file and to edit comments for the files already in the Zip file. Use "-C" when updating a Zip file, to add comments to the new files only.

If you are creating a new Zip file and you want to add comments, you should use the "-ac" command.

PKZIP will prompt you for the comment after each file is added to the archive. When you press the Enter key, PKZIP will go on to Zipping the next file. If you don't wish to add a comment for a particular file, just press the Enter key.

### **-j Retain Specified File Attributes**

When PKZIP adds files that have the "read only", "system" or "hidden" attributes turned on to a Zip file, it will normally retain those attributes within the Zip file. You can keep PKZIP from doing this with the "-j" option. "-jh" will turn off the "hidden" attribute from the file in the Zip file. "-jr" will turn off the "read only" attribute. "-js" will turn off the "system" attribute.

### **-k Retain Original Zip File Date**

When a Zip file is updated, PKZIP sets the Zip file date to the current date. This can be suppressed by using the "-k" option.

### **-m Move Files**

When you use this option, PKZIP will delete the files after they are placed in the Zip file. This option can also be combined with the "u" (update) and "f"(freshen) options.

### **-o Set Zip File Date to the Oldest File in the Zip File**

PKZIP normally sets the date of the Zip file it is creating or modifying to the current date. When using this option, the date of the Zip file will be set to the date of the oldest file in the Zip file.

**-s[password] Encrypt Files With a Password**

Using this option will keep anyone from UnZipping the file without entering the password. The password can be entered right after the "-s" or PKZIP will prompt you for one when it is finished Zipping the files. This feature should be used with caution as there is no override if you forget the password.

**-t<date> Select Files Newer than or Equal to Date PKZIP version 2 only**

**-T<date> Select Files Older than Date**

**PKZIP version 2 only**

Use this feature to select files by their date. You must enter the date in the format for which your machine is configured. If you're not sure of the format, enter "Date" and press Enter at the DOS prompt.

The dates need to be entered as 6 digit numbers.

American Style	mmddyy
050393	May 3, 1993

European Style	ddmmyy
030593	3, May 1993

Japanese Style	yymmdd
930503	1993 May 3

**-U Update Files**

This option is similar to the "-f" option, but unlike the "-f" option no new files will be added to the Zip file. In order for a file to be added, it must already exist in the Zip file and the date of the unzipped file must be newer than the date of the file in the Zip file.

**-w<s,h> Add System or Hidden Files to the Zip File**

Normally PKZIP will skip files with the "system" or "hidden" attribute set. However, you can force PKZIP to add these files with the "-w" command. "-ws" adds "system" files. "-wh" adds "hidden" files. "-whs" adds both "system" and "hidden" files.

**-x Exclude Files**

You can use this option to exclude files from being added to a Zip file. If the list of files is long, you can specify a file with the listing of the files with "-x@listfile.lst". This option is useful when you are Zipping entire directories or directory branches and you want to exclude certain files from the Zip file. You can enter the "-x" with just one filename like "-xfilename.ext" or use wild cards in a file spec such as "-x\*.exe"

**-z Create or Modify a Zip File Comment**

You can add a comment of up to 127 characters to a Zip file. This comment will be displayed when the file is extracted or modified. You can have Drag And Zip display it by clicking on the comment button. When you use this feature, PKZIP will prompt you for a comment after it has created the Zip file. You can actually add a comment that is up to 4096 characters long by first creating the comment in a file, then running PKZIP with the "-z" command with the "less than" sign and the comment file name. You would do this in the arguments field of Drag And Zip by entering  
"-z < comment.txt".

**-\$ Store Volume Label in Zip File**

This option will have PKZIP store the volume label in the Zip file. You should specify the drive letter right after the "\$" and don't add a colon. For example, to store the volume label of drive C: you would enter "-\$c".



## PKUNZIP Commands

### **-e Extract Files in Sorted Order PKZIP version 2 only**

You can use this option to extract the files in a particular ascending sort order. The choices are:

"-c" Extract in order of CRC value  
"-d" Extract in date order  
"-e" Extract in file extension order  
"-n" Extract in file name order  
"-p" Extract in order of percentage of compression  
"-s" Extract in file size order

You can add an "r" to this option and the sort order will be reversed.

### **-J Keep Special Attributes When Extracting Files.**

Normally PKZIP doesn't preserve the "system", "hidden" and "read only" attribute on files when extracting them. You can use the "-Js" command to preserve the "system" attribute on any file PKUNZIP extracts. Similarly, you can use -Jh" for "hidden" files and "-Jr" for "read only" files. You can also combine them like in "-Jhsr".

### **-n Extract Only Newer Files**

When you use this option, PKZIP will only extract files if:

1. They do not already exist in the target directory.
2. They are newer than the files in the target directory.

### **-s[password] Extract Files Encrypted With a Password**

This option is used when a Zip file has been created with the "-s" option and needs a password in order to be unzipped. You can enter the password right after the "-s" or have PKUNZIP prompt you for it.

### **-t Test Zip File Integrity**

This option is used to test that the files in a Zip file are valid and have not been corrupted. When this option is used, PKUNZIP will perform all the actions that it normally does to extract a file, but in this case, the file will not be written to disk. After each file is tested, PKUNZIP will display its name and "OK" if the file is good or an error message if the file has been damaged.

### **-x<file spec> Exclude Files From Extraction**

You can keep PKUNZIP from extracting certain files with this command. You can enter the file names right after the "-x" with no space between the "x" and the first file name or you can enter a particular file spec with wild cards. If your list of exclude files is lengthy, you can specify a file that contains the list of exclude files. You can do this by entering "-x@filelist.txt", where "filelist.txt" is the file containing the list of files that you do not want extracted from the Zip file.

### **-S Restore Volume Label PKZIP version 2 only**

You can use this command to have PKZIP restore the volume label that has been stored in a Zip file. The volume label will be assigned to the target drive.

**REGISTRATION FORM**

\_\_\_ Drag And Zip version 3.0 with Fileman Launcher,  
diskette and manual (shipping included) @ \$25 ea \$ \_\_\_\_\_

\_\_\_ Drag And View (file viewers for Windows) @ \$25 ea \$ \_\_\_\_\_

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Where did you obtain Drag And View \_\_\_\_\_

Any comments, suggestions or bugs?

\_\_\_\_\_

\_\_\_\_\_

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Modem Users: Call our BBS for on-line support, or to register your copy.  
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\_\_\_ Drag And Zip with Fileman Launcher diskette and manual @ #14.95 ea # \_\_\_\_\_

\_\_\_ Drag And View Plus, file viewers for Windows, diskette and manual  
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**What is Fileman Launcher?**

Fileman Launcher is a utility that allows you to run all your File Manager accessories automatically along with File Manager. Fileman Launcher is installed when you install Drag And Zip. When you run File Manager, Drag And Zip will also be run. As long as File Manager is the topmost program, Drag And Zip's icon will not be covered up by any other programs. When you exit File Manager, all the programs that you ran with it will be exited automatically. Fileman Launcher installs an "Fml" menu item in File Manager. From the Fml menu you can add programs to and delete programs from the list of programs that Fileman Launcher runs, change how the programs are run, add command line arguments to the programs, quit all the programs, and rerun the programs. In addition to Drag And Zip, Fileman Launcher can run up to 9 additional programs with File Manager, and quit them when you quit File Manager.

### **Using Fileman Launcher**

Fileman Launcher is installed automatically when you install Drag And Zip. When you run File Manager, Drag And Zip will also be run and when you exit File Manager, Drag And Zip will exit also. Drag And Zip's icon will always be visible as long as File Manager has the focus and Fileman Launcher will remember the location of the icon when it exits and place Drag And Zip's icon there when you run it again. If you want to modify how Fileman Launcher runs Drag And Zip or add up to nine other programs to it. Choose the "FML" menu entry from File Manager's menu bar.

### **Run Programs**

Choose this menu option from the "Fml" menu to run the programs installed in Fileman Launcher. This menu item will only be available if the programs aren't running.

### **Quit Programs**

Choose this menu option from the "Fml" menu to close all the Fileman Launcher programs that are currently running.

### **Auto View**

#### **View Files**

These options are for another Windows program from Canyon Software called Drag And View. Drag And View allows you to view files from Windows File Manager in a format close to their native format.

one is not already open.

### **Zip Files**

You can use this option to Zip files instead of dragging them to the Drag And Zip icon

If you want to remove Fileman Launcher from File Manager ,run the DZSetup program and choose the option "Remove Fileman Launcher".

### Adding, Deleting and Changing Program Properties

You can easily add or delete programs from Fileman Launcher or modify how it runs the programs. Just choose the menu item "Modify Program List" from the FML menu in File Manager. A dialog box like this will pop up:



This dialog box shows the programs you have installed in Fileman Launcher and the ways you want to run them. At the bottom of the dialog box are buttons that say "<< Last" and "Next >>"; these buttons allow you to scroll through the program list. You can install up to 10 programs into Fileman Launcher. The upper left of the dialog box will tell you which number program you are viewing. If you want to add a new program, just click on the "Next >>" button till you get to a blank entry. Under the program heading enter the name of the program that you want to run with the full path. If you are not sure where the program is, you can click on the browse button on the right hand side to help you find it.

Under the program name there are three check boxes. They say "Run with File Manager", "Visible with File Manager" and "Remember Icon Position". "Run with File Manager" should be checked if you want the program to be run with File Manager. "Visible with File Manager" will allow you to always find this program when you want to use it with File Manager. When File Manager is on top of the other windows, so will be this program. When another application has the focus, then your program will allow itself to be covered. As soon as you click on File Manager and give it the focus, then your program will appear also. If want this option to be active, see that "Visible with File Manager" is checked. "Remember Icon Position" will remember the position of the application's icon when you close File Manager and will have the icon appear in the same place the next time you run File Manager. These last two options will only be available if you choose to have your application run as an icon. For that you need to have the "Show as icon" radio button on the right hand side checked.

On the right hand side are three radio buttons that allow you to specify how you want the program to be run. You can run the program as an icon. You can run the program "Normal"; that is like running the program from Program Manager. Or you can run the program "Maximized"; a maximized program will fill up the entire screen. Fileman Launcher will give the appropriate command when running the program. Some programs may not respond to the command and run only one way.

At the bottom of the dialog box, just above the "<< Last" and "Next >>" buttons, is an edit field called "Command line arguments". If you want to add any particular command line arguments to modify how the program will be run, you can put them in this field.

If you want to change any entry, just go to it and type your new specifications. Similarly, you can delete any entry by removing its name from the Program field.

Clicking on the OK button will save your changes automatically. Clicking on Cancel will discard your changes.

If you have made any changes to Fileman Launcher's program list, they won't become active immediately. You need to choose the menu item "Quit Programs" from the "Fml" menu. That will close all the running Fileman Launcher programs. Then choose "Run Programs" from the "Fml" menu. That will rerun the programs according to the changes that you've made.

### **Uninstalling Drag An Zip**

You can easily uninstall the entire Drag And Zip program or just remove Fileman Launcher from your Drag And Zip installation. Do not use this option to remove a previous installation of Drag And Zip. It can only be used to remove a copy of Drag And Zip that was installed with this installation program.

To uninstall Drag And Zip, run the DZSetup program. This program was installed originally in the Drag And Zip program group when you installed Drag And Zip. The DZSetup program has two uninstall option.

1. You can just remove Fileman Launcher. This option will remove the line from your WINFILE.INI that runs Fileman Launcher whenever you run File Manager.
2. You can completely remove the Drag And Zip installation from your computer. Choosing this option will erase all the Drag And Zip files from your computer and remove all the associations that Drag And Zip has made in your WIN.INI file.



## **LHA Command line arguments**

LHA command line arguments consist of "Commands" and "Options". Commands are made up of just letters while Options consist a slash "/" and a letter such as "/a". List commands before options when entering command lines manually

The listing below is taken verbatim from the LHA documentation. If you find some of the explanations difficult to understand, so do I.

### **COMMANDS**

#### **a (Add) compress and add to an archive.**

Compress and Add files specified to an archive. If the named archive does not exist, then create one with the name. LHA overwrites any file in the archive by the given file name with 'a' command. Compare with 'u' command.

#### **u (Update) Compress and Update.**

Compress and add files specified to an archive as command 'a'. If LHA detects a file with the name same as the one in the archive, then LHA selects the new one to add to archive, by comparing the time stamp of each.

#### **m (Move)**

Compress and add to an archive as 'u' command with checking time stamps. The difference is that LHA deletes all the files moved into the archive.

#### **f (Freshen)**

LHA looks for a FILE with the same name as the FILE in the archive. If it finds one with a newer time stamp, LHA rewrites the one in the archive. 'LHA f /c ARC ' will not check the time stamp.

#### **d (Delete)**

LHA deletes a file (or files) in the archive.

#### **e (Extract)**

LHA extracts FILE(s) from the archive with decompressing. If LHA finds a FILE in the archive with a newer FILE on the same DIR and having the same name, it skips that FILE(s). LHA extracts FILE(s) from ARChives made by L113C, namely, those with the compression ids -lzs-, -lz4-, -lz5-.

#### **x (eXtract) LHA eXtracts compressed FILE with pathnames.**

If LHA can not find any path, then it will create directories. FILE(s) must be archived with full-pathnames. LHA restores the entire directory structure. 'LHA e /x1m1 ARC' does the same.

#### **p (Print) Print FILE on standard out.**

LHA prints FILE decompressing from ARC to standard output.

#### **l (List)**

LHA lists FILE names in the archive on a line. A FILE with pathname will have a mark '+' on the head of the line. 'LHA l /x ARC' shows full-pathnames of FILE(s) in ARC, and in 2 lines per FILE. You need not type 'l' to have the list.

#### **v (View)**

'LHA v ARC' is the same with 'LHA l /x ARC'.

**t (Test)**

Check the integrity of ARC, by CRC check.

**s (Self-extract)**

LHA makes a Self-Extracting archive from ARC.LZH. The default switch /x0 is assumed when you do not specify. SFX made with the /x0 switch, small model, extracts files on the current directory. You can't activate some programs in the archived FILE(s) automatically with small model. The size of the SFX file is smaller than those made with /x1 switch, large model.

The large model SFX has the ability to restore subdirectory structures and can automatically start execution from a FILE inside the archive.

**OPTIONS**

Each option takes 3 numerical values to define its finer actions. Use 0,1 and 2 to specify. For some options, the values 1 and 2 does the same thing. You may toggle 0 and 1 by '+' and '-' as with LH113c. You may change switch character (option) from / to - if you prefer the '-'.  
/x[0|1] (eXtend)

**/x[0|1] (eXtend)**

LHA uses eXtended FILE names, namely full-pathnames for FILE(s).

**/p[0|1|2] (Precise)**

Search file names precisely.

Suppose an ARChive 'TC.LZH' contains both 'STAT.H' and 'SYS\STAT.H'. A simple command like 'LHA e TC stat.h' will extract both files on the current directory and let one override the other. To avoid such confusion, you can type 'LHA e -p TC stat.h' to extract 'STAT.H' only. While by typing 'LHA e -p TC sys\stat.h' you will get 'SYS\STAT.H'.

**/c[0|1|2] (ignore Comparison of time)**

With commands 'u', 'f', 'e', 'x', LHA ignores the checking of time stamps. With these commands, LHA chooses the newest FILE with the same pathname to act on, by default. This option lets LHA ignore the time stamps.

**/m[0|1|2] (no Message)**

The switch '/m1' let LHA assumes answer 'Y' for all the queries. "LHA e /m1 ARC" will extract files in ARC.LZH wherever "Y" is typed for the queries "Overwrite? [Y/N]" are asked. If there is a file in the directory with the same name but with attribute read-only, LHA reports 'file creation error'. Similarly LHA creates new directory if it meets 'Directory DIR does not exit. Create [Y/N]'.

On the other hand, with '/m2' switch LHA acts differently. 'LHA e /m2 ARC.LZH FILE' dearchives every FILE by choosing an unused file extension among 000-999, when LHA finds FILE(s) with the same name as in the ARChive.

**/a[0|1] (any Attribute)**

This switch enables LHA to archive FILE(s) with any attributes. In the process of archiving with default switch /a0, LHA will not archive FILE(s) with hidden and system attributes. FILE(s) with read-only attribute is archived with the attribute. With this switch on, '/a1', FILE(s) of any attribute are archived.

In the process of dearchiving, with /a1, dearchived FILE(s) preserve their original attributes. With /a0, you can't dearchive files with hidden and system attributes. Read-only FILE(s) are

dearchived deprived of their original attribute.

### **/r[0|1|2] (Recursive)**

LHA archives and extracts files recursively from subdirectories. 'Recursively' means LHA searches all FILE(s) from all subdirectories under the specified directory if there is any.

There are three different modes for the '/r' switch.

**/r0:** (non-recursive mode, default)  
LHA collects files specified by path names only.

**/r1:**  
LHA separates the given pathname into a directory name and FILE name. LHA recursively collects FILE(s) with the given name from all the directories under the directory specified.

**/r2:**  
LHA recursively collects all the files from all the specified subdirectories. Tree structure of the specified directory is archived as it is.

### **/w[0|1]<Directory Name> (Work directory)**

Specify the directory name where LH makes temporary files.

### **/t[0|1] (Time stamp)**

With command a,u,m,f,d reset time stamp of ARC.lzh according to the newest file in the archive. By default, the time stamp of an ARC.LZH is the time when the ARC.LZH is made.

### **/z<extension>: Do not compress FILE(s) with the specified extension.**

This switch assumes /z2. You may use wild card to specify, and you may or may not put '.' in front of the extension. With '/zdbf' you don't compress FILE(s) with extension '.DBF'. With '/z' you will not have FILE(s) with no extension compressed. You may specify multiple extensions by writing sequentially:

```
LHA a /ZCOM /ZERO ARChive.LH *.*.
```

### **/o[0|1] (Old compatible compression)**

LHA makes an archive compatible with the LH113c format. Even in this case, LHA makes tighter compression than LH113c ver 1xx. The header id is automatically set to -h1.

### **/h[0|1|2] (Header level)**

Choice of header level, default is /h0.

### **/i[0|1] (don't ignore case)**

Recognize Upper and Lower cases. LH(arc)s have common header format in other OS's where cases are recognized as distinct. This option is prepared for dearchiving archives made by other OS'. In the DOS version of LHA, you can't differentiate upper and lower when LHA archives FILE(s) into the archive. Names are all stored in upper case.

### **/n[0|1|2] (No indicator)**

In this version, LHA outputs compressing indicator "ooo....." to standard error. The switch is to suppress this output.

**/n1:** LHA disables output "ooo....." to indicate its progress.

**/n2:** LHA disables outputs of filename, compression rates.

### **/l[0|1|2] (Long display ).**

LHA outputs filenames in different formats when LHA archives and dearchives.

/I0 : FILE names only.

/I1 : Full-pathnames stored or to be stored in archive in 2 lines.

/I2 : Full-pathname of FILEs accessed by LHA in 2 lines.

**Save Check Out Group**

Zip View puts the checked out files in a temporary directory and a group called "Zip View - Check Out". If you want to save the group you need to enter a new directory to place the files in. You can click on the browse button to select directories from a list. If you enter a directory that doesn't exist, you can have Zip View create it for you.

You also have to rename the group since Zip View automatically uses "Check Out" every time you check out files and you don't want it overwriting this group.

