WZT95

File archiver with Zip compatability.

Creating Archives

Follow these steps to create a new archive.

1. Select the new command from the button bar or file menu.

2.The save as dialog appears.

Use these controls to specify a path and filename for your new archive.
Long filenames are acceptable.
The file must end with the extension .ZIP.
If you omit the extension, it will be appended for you, but do not use anything else.

3. Click OK to complete this step.

You are now ready to select files to your archive.

See Adding Files.

Configuring WZT95

Temporary Work Folder:
The location WZT95 will use to create a temporary work space folder.
To work WZT95 needs work space to store temporary files.
Set this location to a drive with plenty of free space.
At least the same amount of free space as the size of the added files combined
is a good rule of thumb for how much free space is needed.

Default Viewer:
The program WZT95 will use to view a file if the user selects the view command or the file
has no windows association.
See viewing files.

Installer Program
A helper program WZT95 runs to watch what an install process does to your system.
This allows you to install and try out new applications then optionally uninstall them.
See Installing files.

Pause when finished:
Check this to make the progress dialog pause and require the user to press done whenever
WZT95 completes a task.
The dialog will automatically pause if warnings or errors are issued.

Credits

I would like to mention and give thanks to the folks at InfoZip who generously put their source code in the public domain.
Their source was programmed for DOS so I modified the interface significally for Windows and introduced a few things myself.
Full credit for the core compress/extract code goes to InfoZip.

Many thanks also to the people who have E-mailed me with suggestions.

Thanks guys.   Mark.

Adding Files to Archives

Follow these steps to add files to archives.
Note: If you are creating a new archive skip to step 3.

1. Open the archive.
2. Select the add command.
3. Use the Add Files dialog to select files to add.
Navigate to the folder that contains the files you want included in the archive.
You select files using one of two availiable methods.

    A. Use the Include and/or Exclude Filters to select files by matching a dos type filter mask.
        Include defaults to all files (*.*).
        To compress all the files in the current directory you only have to click OK at this point.
        Multiple filters can be used, just separate each with a space.

        Examples:
        1. Include ->[*.doc   *.txt] Exclude -> [ ]   will include all files with doc, and txt extensions and exclude none.
        2. Include ->[*.doc]   Exclude -> [a*.doc] will include all files with doc extensions except those that start with the letter a.
        3. Include ->[*.doc]   Exclude -> [a*.*]   same as 2. above.

    B. Use the mouse with the shift and/or ctrl keys to highlight files.
        If all you want to do is add a file or two then this method lets you quickly choose them.
        Note: If you select any files using the mouse the Include Files Filter is disabled and ignored.

4. Choose File Action.
 Add Files:
        Availiable with new and existing archives.
        Add files to the archive, overwriting any existing file by the same name.

 Freshen Files:
        Availiable for existing archives only.
        Add a file only if it is newer than an existing file by the same name.

Update Files:
        Availiable for existing archives only.
        Add a file only if it doesn't exist in the archive.

Note: You can add files to removable media only if the files haven't been spanned.
        That is it can't be a multi-disk archive. You should have created
        the archive with the span = none option. See below.

5. Choose Compression Rate.
None - Store the file without compressing it.

Minimum - Least compression faster speed.
Normal - Balance of compression and speed.
Maximum - Best compression slower speed.

Note:
Selecting maximum does not always guarantee better compression.
WZT will try harder to compress, but by their nature some file types compress better than others.
Normal gives good performance for general use.

6. Spanning Options: Archiving to Removable Media

None -   No spanning is attempted.
If creating a new archive and the resulting file is larger than availiable disk space a disk full error is issued.
If adding files to an existing archive and the resulting file is larger than availiable disk space a replace warning is issued.
If this happens, the new file could not be copied over and is still in the working folder. It is not automatically deleted.
Wzt will tell you where it left the file.

Normal - Regular spanning.
When the destination media runs out of space, you are prompted for another disk.

Erase -   Erases the destination media before writing any data to it.

Restrictions:
	At this time there is no format option nor is one planned.
	You will need to have pre-formatted disks ready or task switch out and format them.
	The spanning options is availiable when creating new archives only.
	You cannot modify archives on spanned media.

7. Other Availiable Options:

Recurse Subfolders:
Select this to also include files from any folders under the parent folder.
The subfolder names relative to the parent folder are automatically stored.

Store Full Path Info:
Includes the initial folder in each file name.
The resulting archive will be larger since the whole path structure is saved.
You will not need to create an initial folder when extracting.

Store Empty Folders:
Stores the path name even if the folder is empty.
This allows you to preserve an applications folder structure.
When extracted the empty folders will also be created.

Delete Source files:
After archiving, delete the original source files.
If an error or warnig occurs this option is disabled.

Extracting Files

Follow these steps to extract files from an archive.

1. Open an archive to display its contents.

2. You select files to extract by ...

    A.   Use the options from the select menu on the main menu bar.

        1. Name Filter - Use this option to select files to extract by matching them to a name filter.

        2. All Files - Select all files in the archive for extraction.

        3. Invert Selections - Toggle all selected files to unselected and visa-versa.

    B. Use the mouse with the shift and/or ctrl keys to select files.

    C. Right click in the window and choose select all.

 3. When you have selected all the files you need, choose the extract command.

4. The destination dialog pops up, use this to select the destination folder for the extract files.

    Notes:

       1.   You can type in a destination folder in the "Extract to" edit box.
         If the destination folder does not extist it will be created.

       2.   If the archive contains folder info, the "Use Folder Names" box is checked.
         This means the folder structure will be restored when the files are extracted.
         Most times this is the recommended choice. If for some reason you don't want to do this
         uncheck the "Use Folder Names" box to ignore any folder info.

Press ok when done to extract your files.

Other Notes:
You can automatically extract and run a single file with its windows associated program by double clicking the file name.
This works well for running a compressed help file or viewing a text document.
Since only the selected file is extracted, that file must be able to run without the other files contained in the archive.
There must also be a windows association for the file type, otherwise WZT95 uses the default viewer.

For instance a file that needs a DLL can't find it cause its still compressed in the archive.
In this case you must extract all the files to run the program.

Also see viewing files.

Viewing Files

The view command extracts a selected file and opens it using the default viewer.
The initial viewer setup is Notepad, but you can change this with the "WZT Config" menu option in the File menu.
WZT95 can detect changes made to a viewed file and offer to freshen the archive with the modified file.
The viewer program must be able to handle the file being viewed and not have to transfer it to another program.

Example:
Notepad gives the file to Wordpad because the file is too large for it to use.
The viewed file was given to another program so any changes to the file will not be detected.

The solution to this would be to make wordpad your default viewer.
You may have also noticed that clicking on write.exe in your windows directory will run wordpad.
Write is used for backwards compatibility with win3. It starts wordpad gives it the file then quits.
You can use write to view files, but any changes to the files will not be detected.

You can also doubleclick on a file to run it. Note this is not the same as viewing.
The selected file is extracted and windows is asked if the file has an associated program.
If it does the file is ran with it. Example: A compressed help file will be ran with the windows help program.
Since the only file extracted is the selected one the file must be able to run alone for this to work.

Introduction

This is the secoind public release of WZT95.
WZT95 is a archiving program compatable with archives using the format popularized by PKZIP.
No registration of any kind is required for version 0.99B for personal use. E-mail would be nice though.
Commercial use is prohibited.
No warranties are expressed or implied for its use for any reason.
Use at your own risk.

Constructive feedback is welcome.
Contact the author at :
e-mail : mnabors@waga.net

Installer

If an archive contains a setup or install program you can try it out and optionally uninstall it after.

If a qualified install program is found the install command is enabled.
Select the install command to install the application then run it.
If the archive has multiple files that qualify as install programs they are displayed so you can select one to run.
WZT95 will then uncompress the archive into its working folder then start wiguard.

Follow the   install program instructions then run the application with one exception.
Do not restart windows. The information needed to uninstall is stored in memory and will be lost if windows is restarted.

When done trying out the application close all the applications windows. Then choose to view the changes or no uninstall wanted in the install guard waiting dialog box. If you choose to view changes your system is scanned for changes made during the install process. The results are displayed in a tree view window. A checked box   beside an entry means it   is marked for uninstall action.
Uncheck the box to cancel the action for that entry.

At this point you can choose.
1. Uninstall - to restore your system as it was.
2. Keep It - to immediately exit the program with no restore.
3. Report - to create a log file of the changes.
     This is useful if you would like to keep the application a while longer and do a manual uninstall later.
     Do a report then select Keep It to exit the program.

New Files
 Files that were added.
 Any files or registry keys created during the try out period by any application are considered to have been created by the
 new application. They will be marked for deletion during the uninstall later.

Uninstall Action: The file will be deleted.

Replaced Files
Files that were present before, but overwritten by the install process.
Sometimes an installer will overwrite shared files on your system with a file by the same file. ie... CTRL3D.DLL
Its not always the case, but a well behaved installer should only replace a file with a newer version.
This program can only monitor and has no control over what the installer does.
Uninstall Action: None because these files are needed by other programs its better to not delete them.

New Keys
 Registry Keys that were added.
Uninstall Action: The key   will be deleted.

Altered Keys

Registry Keys whose data was altered by the install process.
Uninstall Action: The keys data is replaced with the pre-install data.

Removing Files

Follow these steps to remove files from an archive.

Use with Caution: This command is not reversible.

1. Open an archive to display its contents.

2. Select files to remove by ...

 A.   Use the options from the select menu on the main menu bar.

   1. Name Filter - Use this option to select files to extract by matching them to a name filter.

   2. All Files - Select all files in the archive for extraction.

   3. Invert Selections - Toggle all selected files to unselected and visa-versa

 B. Use the mouse with the shift and/or ctrl keys to highlight files.

 3. When finished choosing files, select the remove command.

4. You will be prompted. Press OK to remove the files.

NOTE:

You can remove files from removable media only if the files haven't been spanned.
That is it can't be a multi-disk archive. You should have created
the archive with the span = none option.

WZT can also open zipped self extracting archives and remove unwanted files from them.
If the archive is a   WinZip self extracting file be warned it will not run and self extract
afterwards.
This is due to a check WinZip does on the file and wasn't caused by WZT.
This will also happen if you create the self extractor with WinZip, open it   with WinZip and
remove a file from it.
The file can still be opened with Wzt.

Opening Archives

Follow these steps to open an archive and view its contents.

1. Choose the open command.
2. The open dialog pops up, navigate your system to find the desired file.
3. Double click on the file or highlight it and press the open button.
4. The archive is opened and its contents are displayed in the main window.

Other ways to open archives.

1. Associate zips with Wzt so double clicking on a zip starts Wzt with that file.
2. Drag a zip file onto the Wzt icon.

See viewing files.
See adding files.

What are archives?

Archives are files that contain other files usually in compressed form.
Archives have file names ending with ZIP, LZH, ARJ, or ARC and others.
Archiving files conserves drive space and minimizes transfer times.
WZT95 works with files using the Zipped format.
Many files on the net are availiable in this very popular format.

WZT95 makes using Zipped files easy.

Commenting Archives

WZT95 has limited support for comments embedded   in archives.

An archive comment can be entered at the bottom of the main display.
This could be any helpful info   like a short description of the archives contents.
Simply right click on the comments box and press edit.

Individual file comments are supported as read only.
If an archive contains them they are displayed, but you can not edit them or enter new ones.