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Credits



A toast to Dave Baldwin for RTFGEN, the utility used to convert QEDIT text editor output into Rich Text Format input for the Microsoft Help Compiler when making this help file.



And a toast to two **super** beta testers, Bob Beck and Ron LaFon!

QEDIT

**Sem-Ware
4343 Shallowford Road
Suite C3A
Marietta, GA 30062**

L. David Baldwin

**22 Fox Den Rd., (Summer)
Hollis, NH 03049
(603) 465-7857**

**144 13th St. East, (Winter)
Tierra Verde, FL 33715
(813) 867-3030**

AMW Program Error Handling

Since no non-trivial computer program can be completely free of bugs, AMW incorporates extensive error trapping. An error box is displayed if program error occurs and AMW should continue to operate normally.

An error notification is also issued whenever you activate a function that cannot be completed for some reason. For example, if you attempt to edit a file without having configured AMW to use an editor that Windows can locate.

Tagged File Dialog

This dialog displays the list of all tagged files. The list is flanked by six action buttons. The current default archive system status is displayed in the lower left hand corner. You may change the destination directory via the edit control in the lower center of the dialog.

The six action buttons function as follows:



Starts compression of the tagged files using the default archive system.



Starts decompressing tagged compressed files.



Starts conversion of tagged compressed files to the default archive system.



Starts copying tagged files to destination directory.



Starts moving tagged files to destination directory.



Starts deletion of tagged files.

You may remove a file name from the list by positioning the **selector bar** over a file name and pressing the **Del key**.

Miscellaneous Commands

Configure AMW <Ctrl+C>

Registering AM <Ctrl+R>

Launch Highlighted Program <Alt+L>

Edit Highlighted File <Ctrl+E>

Launch User-defined Program <Ctrl+X>

The User-defined Program Launch Menu

This function opens a dialog that contains a drop-down list of user-defined program paths. Select the desired program path and press the **OK button** to launch that program. Details of the format for this menu are contained in **AMW.DOC**.

Edit Selected File

To call the editor that you specified in the AMW configuration, move the active window caret to the desired file name and either press **<Ctrl+E>** or use the **mlsc** menu.

Launch Selected Program

This function allows you to move the active window caret to an executable file and launch it. The **Launch dialog** allows you to type in the name of a different program and/or specify a command tail (list of parameters, file names, ect.).

Registering AMW

ArcMaster for Windows is **NOT** a free program! It is distributed as a Shareware product for evaluation by potential buyers. If you like AMW and use it regularly, you should do the right thing and register your copy for only \$35.00. Registered users of the AM DOS version may upgrade for \$10.00

The **Registration dialog**, which permits you to fill out and print the registration form, can be accessed through AMW help, the main menu, the **mlsc menu**, or by pressing **<Ctrl+R>**.

You can:



Register by mail:



Register by telephone to (619) 455-6225.



Register on-line via the New-Ware BBS at (619) 455-5226.

Please be honest and REGISTER if you use AMW.

Configuring AMW

The AMW configuration dialog provides you with the ability to configure AMW semi-permanently by saving the defined configuration to a file. This file is named AMW.CFG and it resides in the Windows directory of your system. Use the dialog to configure the following items:

General Options

Sort Options

Default Archive System

File Viewer & Editor

Start-up Directories

Temporary Directories

Archive Password

Date Format

Archive System Password

ZIP and ARJ both support the use of a user-defined password for packing and unpacking compressed files. If you desire to use this feature, ensure that the general **use Password option** is checked and that you place an entry in the **Password field**. AMW will save your password in the AMW.CFG file. You can keep the **Password field** active and uncheck the **use Password option** unchecked for normal non-password operations.

Default Archive System

The default archive system is the system that AMW uses for compression and conversion operations.

Date Format

AMW uses the standard **mm/dd/yy** date format, where mm is the month, dd is the day and yy is the last two digits of the year. For example, 09/30/92 is September 30, 1992. The European standard is slightly different - **dd/mm/yy**, as in 30/09/92. Take your choice.

Temporary Directories

ZIP Temporary Directory

PKZIP and other archive systems require a directory for temporary storage when modifying compressed files on a floppy disk. Enter any valid directory path name.

Start-up Directories

You can configure AMW to always start with a specific directory listed in each window. Be sure to enter the correct DOS directory path and do **NOT** end the entry with a backslash ("\").

File Editor & Viewer Defaults

Enter the name of the editor and viewer you wish to use while running AMW. You can enter the full DOS pathname to the program file or, in the case of DOS based programs, enter a PIF name.

New-Ware strongly recommends the excellent Shareware Windows file viewer called the LI File Utility, which is why the AMW default is set to LI.EXE.

Third Millenium Technologies
P.O. Box 852382
Mesquite, TX 75815

General Options



Check **Prompt for file overwrite** if you desire to be notified when AMW is about to copy or move a file over an existing file of the same name or is about to delete a hidden, read-only, or system file.



Check **Retain tags after ops** if you wish not to clear tags after operations. Some operations, such as file delete and move, require clearing of tags regardless of this option setting.



Check **Sort archives by extension** if you wish to have the compressed file view group archived files by extension.



Check **Sort directory tree** if you wish to have the tree display sorted. Note that you may have to do a manual disk rescan in order to force AMW to save the unsorted data to the directory logfile.



Check **Use Password** if you wish to include a password when using ARJ, LHA, and/or ZIP file.

Configure Sort Options



Check **Ascending sort** if you wish to start with a low to high sort logic.

Choose any one of the **sort option radio buttons**. Notice that the ascending/descending sort option is set in the General Options area.

Tagging (marking) Files

Files may be tagged in either file list window by:

1. Clicking the **left button**.
2. Holding down the **left button** and moving the mouse cursor.
3. Holding down the **Ctrl key** and clicking the **left button**.
4. Holding down the **Shift key** and clicking the **left button**.
5. Pressing **Ctrl+/'** to tag all files in the active window.
6. Pressing **Ctrl+\'** to untag all files in the active window.
7. Pressing **Alt+U** to untag all files.
8. Pressing the **Clear Tags** button to untag all window files.
9. Pressing the **No Tags** button to untag all files.

The global tagged file list can be viewed by pressing **Ctrl+T** or the **Tag Ops** button.

The **Tag Ops** pull-down menu offers commands for each of the actions described above.

Searching for DOS Files

When you elect to search for a DOS file on the default drive of the active window, AMW opens a file name entry dialog. You may enter a specific file name or you may use DOS **wild card** such as * or ?.

AMW opens a search dialog and update it with the name of each directory searched for the target. If a match is found, you have four options, as indicated by the four push buttons in the dialog:

1. Continue to search.
2. Skip to next directory and continue search.
3. Jump to directory where file was found.
4. Terminate the search.

Searching for Compressed Files

This search is functionally the same as the DOS file search except that no wildcards are allowed. AMW opens each file of the type selected from the menu and search for the entered file name. You have the same four options as above except that in the case of option #3, AMW will automatically go into the view archive file mode.

Sorting Files

The file list in each window may be sorted five different ways and may be sorted in ascending or descending order. Use the "Order" pull-down menu to select one of the following sort criteria:

- Sort by file NAME
- Sort by file SIZE
- Sort by file DATE
- Sort by file EXT
- Sort by file NAME/EXTN (Nested)
- Ascending Sort
- Descending Sort

Ascending sort means that items are sorted so that the result is ordered from lowest to highest. A Descending sort is just the opposite...from highest to lowest.

Sort by the "FILENAME" portion of "FILENAME.EXT"

Sort by the size of each file in the list

Sort by the date/time stamp of each file in the list

Sort by the "EXT" portion of "FILENAME.EXT"

Sort first by the "EXT" portion of "FILENAME.EXT", then by the "FILENAME" portion.

Navigation Commands

Change Drive <F3>

Change Directory <F5>

Main Controls

The main AMW display consists of two file list windows, a status box for each list window, and operating controls. All AMW functions are available through the main pull-down menu and many of them are accessible through button and keypress controls.

The active directory path name appears on a control above each file list window. You can click on this control to activate the directory tree display.

A cluster of 8 control buttons is located in the lower center area of the main display:

- 1 Tag Ops**
- 2 Fil Msk**
- 3 Browse**
- 4 Launch**
- 5 Unpack**
- 6 Arc Opt**
- 7 Set Sys**
- 8 No Tags**

There are three control buttons located just below each file list window:

- Clear Tags**
- Focus Left/Right**

In addition, there is an **eXit** button located at the very bottom center of the display.

Most AMW functions are available through the keyboard as well as via the menu, buttons, and the mouse. The main menu shows the associated keyboard command for each AMW function.

Block Tagging - Mark First/Last

You can tag a block of continuous file names in either window through the use of the **Mark First** button. Move the caret to the first file of block you wish to tag and press the button. Notice that the button name changes to **Mark Last**. Now, move the caret to the last file in the group you wish to tag and press **Mark Last**. All files from the first marked to the last marked, inclusive, will be tagged and the button label will change back to **Mark First**.

Set The Focus

The **Focus Left/Right buttons** changes the focus to the window that owns the button that is pressed. The **<Tab> key** and the **<Left/Right Arrow keys** also change the window focus.

Local Untag

Pressing the **Clear Tags button** below either file list window removes all tags in that window.

Global UnTag

Selecting the **No Tags button** causes AMW to remove all file tags, even those tagged in other directories. You may use the UnTag Button below either window to remove the tags in just that window.

Setting the Default Archive System

When you perform a compression operation, AMW needs to know which of the three supported systems, ARJ, LHA, or ZIP, you wish to use. You can set the default system in the tag operations dialog or you can set it from the main display with the **Set Sys button**. A dialog shall open that allows you to select the default system.

Archive Program Commands & Options

Each supported archive system has numerous commands and options that are set by the user to control the system's output. Selecting the bArc Opt button opens a dialog in which you have a choice of six buttons. Each button activates a dialog for that system's commands and options. Any changes you make to a system's commands and/or options remain in effect until you change them or quit AMW. All archive system settings are saved to AMW.CFG when you elect to save the AMW configuration.

Archive Commands

Set Archiving Cmds/Options <F2>

Archive Files <F9>

UnArchive Files <F10>

Convert Files <Alt+F10>

VirusSCAN Compressed Files <Alt+V>

Single Archive <Ctrl+S>

Auto-Update <Ctrl+A>

Multi-Update <Ctrl+L>

Newest Date <Ctrl+D>

PKLite <Alt+P>

Invoke PKLite

PKLite is a PKWare utility that compresses a DOS EXE file and yet leaves it executable. To convert an EXE file to a PKLite compressed executable, place the active file list caret over the target EXE file and invoke this command.

The Auto-Update Feature

The AMW Auto-Update function acts upon a single archive file. Place the file list caret over an archive type file and then execute this command. AMW opens the target file and compares all of the DOS files in the directory of the inactive window with each compressed file in the archive. If any files in the inactive window are found with the same name that are later in date, AMW will automatically tag those files. Then you can switch to the window with the tagged files and perform any desire refresh/update operations.

The Multi-Update Feature

This function provides the capability to add groups of files to each and every archive type file in the inactive window. For example, suppose that ZIP is the active archive system, there are three ZIP files in the inactive window, and five files are tagged in the active window when this command is executed. AMW uses the update command of the active archive system to add or update each of the file tagged files to each of the three ZIP files.

The Single Archive Feature

The AMW **Single Archive feature** permits you to tag a group of files and then place EACH file into a separate compressed file. For example, suppose you tag ONEFILE.DAT, TWOFILE.DAT, and THREEFIL.DAT and suppose that you have **ZIP** set as the default archive system. AMW would create ONEFILE.ZIP, TWOFILE.ZIP, and THREEFIL.ZIP and each would contain just the original file.

Scanning Compressed File

To SCAN the files inside a compressed file with VirusSCAN, move the active window caret to the target file and invoke the scanning function from the main menu by pressing **<Alt+V>**. The SCAN commands/options dialog shall open. When you proceed, AMW shall unpack the compressed files into a temporary directory and invoke SCAN to scan the files.

Convert Compressed Files

You can convert a group of compressed files from one system to another. For example, you can tag a group of **LHA** and **ARJ** files and convert them to **PKZIP** format. Just tag the target files and then invoke the convert function by pressing **<Alt+F10>**, pressing the **Tag Ops button**, or selecting **Convert** from the main menu.

AMW shall unpack each target file into a temporary directory and then pack these files into the selected format.

Set Compressed Files to Newest Date

This function opens each compressed file that is tagged, determines the latest file date/time stamp in the archive, and then sets the host file to that date/time.

File Commands

File commands are those commands that operate mainly on normal DOS files, such as copying, moving, and deleting files.

Copy Files <Alt+C>

Move Files <Alt+M>

Delete Files

Rename Files <F6>

Set New Mask <Alt+K>

SCAN for Virus <Ctrl+V>

Tag by Date <Alt+D>

Set File Attribute <Alt+F>

Set File Date/Time <Ctrl+F>

Set File Date/Time Stamp

This function prompts you to enter a valid date and a valid time. Then AMW shall set all tagged files to the entered date/time stamp. Enter the date in the currently configured format. For example, the U.S. standard is **mm/dd/yy** and the European standard is **dd/mm/yy**.

Enter the time using the **hh:mm** format.

Setting A File Mask

A DOS file mask is just a filter that allows you to select a limited set of files for viewing. For example, the file mask "*.*" causes AMW to collect and display all files from the directory in the active window. Similarly, "*.BAT" shows only those files with an extension of "BAT".

AMW shall open a dialog that contains an edit control and an associated drop-down list. This list is defined by you and is explained in the file AMW.DOC. You can type in any file mask you desire or you may select one of your defined masks. When you make your selection, the dialog closes and AMW will refresh the active window list using the new file mask.

Set File Attr

This function operates on the file under the active caret and will activate a dialog that shows you the file name and the current attribute setting. Use the **Hidden, Read-Only, System** check boxes to change the attribute and use the **OK button** to make the change to the actual file.

Tagging Files by Date

Files in the active window can be tagged by entering a low and a high date. A date entry dialog appears in which you may enter the desired date range. AMW will then examine the dates of all the files in the current directory and tag those whose date stamps fall within the specified range.

Enter dates in the default format. The default U.S. format is **mm/dd/yy** and the European format is **dd/mm/yy**.

Scanning DOS Files With VirusSCAN

You can use the popular VirusSCAN Program to scan normal DOS files for viruses. A scan dialog appears in which you can select various scanning options. AMW, by default, normally causes SCAN to scan the directory list being viewed in the active window, but you can override this by entering a drive list for SCAN to utilize.

**MacAfee Associates
3350 Scott Blvd., Bldg #14
Santa Clara, CA 95054**

Renaming Files

Be sure to enter a valid **DOS file name** and be sure not to enter the name of a file that already exists in the active directory. AMW renames the file for you and then refreshes the directory list.

Overview

ArcMaster for Windows (AMW) is a file archive-compression system control program that currently supports the three most popular compression systems.

PKZIP & PKUNZIP from PKWare

LHA from Yoshi

ARJ from R. Jung

AMW provides the Windows user with a powerful tool with which to compress, decompress, and manage both archive and normal DOS files. In general, AMW provides the following capabilities:

File compression and decompression control

File conversion from one system to another

Compressed file directory listing

File date/time stamp control

File copy, move, and delete

Disk directory tree maintenance

And much, much more....

The Directory Tree

AMW utilizes a graphical directory tree to represent the logical directory structure on any of your disk drives. The tree dialog can be activated by pressing the **<F3> key**, the **<F5> key**, or by clicking on the bar at the top of either file list window that displays the name of the directory being viewed in that window.

The difference between the **<F3>** and **<F5> key** is that the **<F3> key** always displays the drive list, which precedes the directory tree, and **<F5>** displays the tree and positions the caret to the current active directory.

You may elect to change to a specific drive or to a specific directory by moving the caret to the desired line and pressing <Enter> or double-clicking on the line or by pressing the **Ok button**. If you elect to change to a drive, the tree display is refreshed with a listing of the directory tree from the selected drive. If you elect to change to a directory, you are returned to the main AMW display with the active window displaying the file list from the selected directory.

If you configured AMW to utilize the log directory feature by specifying a valid directory log then tree operations are very, very fast.

While viewing the tree you may elect to add, delete, or rename a directory.

If you elect to employ the AMW directory log strategy, then you may need to use the re-Scan function to scan the current drive in order to refresh the saved tree structure. This is necessary anytime you add, remove, or rename directories outside of AMW.

The Directory Log Strategy

AMW saves the data that describes the logical directory tree for each drive that you access in a file named NEW-WARE.X, where X is the drive letter. Each of these NEW-WARE.X files are stored in directory that you specify in the AMW configuration dialog. In fact, AMW cannot use this strategy unless a valid directory path is specified in the configuration.

If you use AMW to add, remove, or rename directories, then the log files are always be up to date. But if you elect to use another program to change the directory structure of a drive, the AMW tree shall be inaccurate. That's what the re-scan function is for....to refresh the log file.

Add A Directory

You can add a directory while viewing the tree structure by clicking on the **Add button** or pressing the **<Ins> key**. You are prompted to enter a valid DOS directory name. AMW then creates the directory as a subdirectory of the currently highlighted directory and redisplay the list. An error can occur if an invalid name entered or the path of the directory you enter already exists.

Remove A Directory

You can remove a directory from the displayed tree only if the directory does NOT contain any files or subdirectories. To remove a directory, move the highlight bar to the desired directory and click on the **Remove button** or press the ** key**. The directory is removed and the tree display refreshed.

Rename A Directory


To rename a directory on the tree display, move the highlight bar to the desired directory and click on the **Rename button** or press the **<F6> key**. You are prompted to enter a valid DOS directory name. The directory is renamed and the display is refreshed.

Deleting Files

You may delete a group of files by tagging them and then selecting "Delete" from the "File Cmds" menu, pressing the ** key**, or clicking on the Tag Ops button.

The tag operations dialog shall appear.



Click on the  button to start the deletion process. You are be asked to confirm that you wish to delete the tagged files before the files are actually erased from the system.


Copying and Moving Files


Tagged files are copied to the directory in view in the inactive file list window unless you elect to override the destination directory while in the tag operations dialog. AMW does not permit copying or moving files from/to the same directory.

The tag operations dialog appears with a display of tagged files. The default destination directory is the directory viewed in the non-active file list window. You can change the destination directory in the tag operations dialog enroute to copying or moving the tagged files.

If you have configured AMW to prompt before overwriting a file, a confirmation prompt is issued for each tagged file that exists in the destination directory. A file copy progress dialog will appear during the actual copying or moving process.

When moving files and the destination directory is on another drive, AMW first copies the file to the destination drive and then deletes the file from the source drive.

Click on the  button to copy the tagged files.

Click on the  button to move the tagged files.

Compressing Files

You can compress files with any of the three supported archive systems by tagging the desired files and pressing <F9>, selecting "Archive" from the "Arc Cmds" menu, or by clicking on the tag ops button.


The tag operations dialog appears with a display of tagged files. The default destination directory is the directory viewed in the non-active file list window. You can change the destination directory in the tag operations dialog enroute to creating the compressed file.

Select the  button to commence the compression operation.

DeCompressing Files

You can decompress files made by any of the three supported archive systems by tagging the desired files and pressing **<F10>**, selecting "UnArchive" from the "Arc Cmds" menu, or by clicking on the Tag Ops button.


The tag operations dialog appears with a display of tagged files. The default destination directory is the directory viewed in the non-active file list window. You can change the destination directory in the tag operations dialog enroute to creating the compressed file.

Select the  button to commence the decompression operation.

Converting Compressed Files

You can convert files made by any of the three supported archive systems to any other system by tagging the desired files and pressing <Alt+F10>, selecting "Convert" from the "Arc Cmds" menu, or by clicking on the Tag Ops button.

The tag operations dialog appears with a display of tagged files. The default destination directory is the directory viewed in the non-active file list window. You can change the destination directory in the tag operations dialog enroute to converting the file(s).

Select the  button to commence the conversion operation.

Viewing Compressed File Contents

ARC, ARJ, LZH, and ZIP file contents may be viewed by placing a file list window caret over the desired file and double-clicking, pressing <Enter>, or clicking on the **Browse button**.

A dialog box opens that displays the list of compressed files contained within the target file. You may tag files on this list for decompression in the same manner that you tag files in either of the main file list windows. You may tag all files or untag all files with the **Tags button**.

To commence decompression of tagged files, click on the **UnARJ**, **UnLHA**, or the **UnZIP** button, as appropriate.

You may elect to view a file from the list by double-clicking on the file or clicking on the **View button**.

HARUYASU YOSHIZAKI
Known as Yoshi

Robert K Jung
2606 Village Road West
Norwood, Massachusetts 02062

PKWare Inc.
9025 North Deerwood Drive
Brown Deer, WI 53223

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Please report all bugs, suggestions, and problems to John Newlin, CompuServe ID #73565,665.

New-Ware Software Products
8050 Camino Kiosco
San Diego, CA 92122
(619) 455-6225 (voice)
(619) 455-5226 (BBS)


Enter Name for Compressed File

Enter a standard name for the compressed file you wish to create or update.

Fast Unpack Function

The fast unpack function permits you to quickly decompress a single file. This function is activated by pressing the **<F10> key** or the **UnPack button**. The fast unpack dialog gives you the option to continue or abort the unpacking.



Use the  button to change the decompression settings. Note that AMW has already detected the type of archive system file for you.

Archive System Command/Option Dialogs

AMW provides compression settings dialog and a decompression settings dialog for each supported archive system. The radio button, check box, and edit controls are used to define the final command line that is passed to the active system.

Accept the current control status by pressing the **OK button**. Note that these settings are maintained until they are changed or until the program ends. They are also saved with the AMW configuration.

AMW File Browser

The AMW file browser will be used if no entry is made in the **Viewer:** field of the configuration dialog. It is a bare-bones browser, but it does have a text search feature that is available from the browser's menu or via the **Ctrl+S** command.

AMW File Browse Text Search

Enter up to 30 characters of text to search for. If the **Case sensitive** box is not checked, AMW will ignore case during the search. If the **From the top** box is checked, AMW will start the search from the top of the file otherwise it will start with the current line.

If the text is found in a line, the selection bar will be moved to that line otherwise you will hear a beep that indicates that the search was unsuccessful.

The **Next** menu item or **Ctrl+L** command can be used to search for further instances of the target text in the browsed file.

