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**Disclaimer:** These Wordperfect 5.1 macros are released in an AS IS condition. No warranty is provided that they will work for you or be what you want or need. Use them at your own risk. I wrote these macros to make things easy for myself; if they do the same for you then fine - I accept no responsibility for any document on which any of these macros were used and for which you may claim damage as a result of said use.

**Disclaimer #2:** No Government time, equipment, or resources were involved in the development of this macro suite. However, the Government has benefited from their use.

**Updates.** These macros are periodically updated as I add to, improve, or enhance them. Improvements are always in the works. To date, several of these macros have been completely replaced or substantially improved/modified over their original state.

**Recommended Machine.** The faster the machine the better the performance. I have run these macros on an 8MHz AT and, though SLOW, they worked fine. However, nothing less than 12MHz is recommended (and even they may be a tad slow...). However, if you don't know any better (aren't addicted to speed like some of us) most of these macros should prove more than adequate. Some will seem just TOO SLOW on a slow machine to be useful.

**Recommended WordPerfect Interim Release Version.** 31 May 91 or later. The reason for this is that ALTF (FILES) and ALTX (EXIT) rely on a feature added to interim release dated 31 May 91. This feature allows easy detection of the use of Long Document Names. If you aren't using Long Document Names and you have interim release 30 Dec 90 or earlier, you can, if you can do some macro programming, route the macro around the long document name test. Your best bet, though, is to upgrade to the latest interim release of Wordperfect for DOS. For registered users this means about \$15. Contact the WordPerfect Orders Desk at (800) 321-4566.

### **What's Provided.**

The following macros are provided. Some are found within a WordPerfect keyboard definition file (WPK). Included below is a brief description of each macro.

Notes:

- a) ENV.WPM needs the file called ENVELOPE.REF placed in your WP51 directory before it works correctly (also, these files are separate and not in the keyboard definition file). Additionally, you'll need to modify ENVELOPE.REF for your particular printer.
- b) ALTH, the Help macro is too large for inclusion into the WPK.

The following macros are provided:

<b>MACRO</b>	<b>DESCRIPTION</b>	<b>MNEMONIC BASIS FOR THE MACRO</b>
ALTA	Macro to place text anywhere on a page	(ADVANCE)
ALTB	Block document segments for special action	(BLOCK)
ALTC	Drop Caps	(CAPITAL)
ALTD	Provides Menu Access to drives & dirs	(DIR)
ALTF	Save/Get file w/o prompts w/current name	(FILE)
ALTH	Help information on these macros	(HELP)
ALTL	Long/Short Doc Name Save/List	(LIST)
ALTN	Choose predefined Special Characters	(NEW Characters)
ALTP	Print menu	(PRINT)
ALTV	Preview Document	(VIEW)
ALTX	Exit WP51 w & w/o Save. Needs ALTF.WPM	(EXIT)
CTRL A	Save File as ASCII	(ASCII)
CTRL D	Format Date for Inclusion in document	(DATE)
CTRL O	Character over Character	(OVER)
CRTL S	Superscript over Subscript	(SUB/SUPERSCRIP(T))
CTRL Enh Right/Left	Places cursor at end of current/word-on-left, respectively	
ALT Enh Right/Left	Places cursor at next/previous column or table cell, respectively	
Shf Enh Right/Left	Places cursor at next/previous sentence, respectively	
ALT-	Used for paragraph numbering/renumbering	-----
ALT[	Transpose character right	-----
ALT]	Transpose character left	-----
CTRL Del	Deletes word or block of text	-----
CTRL PgDn	Retrieve a Named Memory Variable	-----
ENV	Create Addresses for envelopes, Printing reqr's ALTP	
ENVELOPE.REF	Sample Reference file for ENV.WPM	
LTRHD	Create headings for Military letterhead (Easily modified for other types of letterhead)	
	(CTRL L)	
MEMO	Create a heading for a Memo letter (CTRL M)	
FN	Used by macros to provide/modify file names and/or paths	
DP	Provides a common drive/path menu for use by other macros	

### **NOTES:**

Macros provided in the WPK, but not mentioned here are considered temporary. These macros are powerful augmentations to WordPerfect's native abilities. However, on slow machines, these macros will likewise seem slow. On faster machines though, they'll just whiz by. Recommended machines are those with clock speeds of 12 MHz or faster. These macros have a tendency of being constantly revised, updated, and/or improved.

Brief Descriptions: (con't)

**Macro Descriptions:**

ALT A Essentially the same as the Shf F8, (O)ther, (A)dvance menu selection. However, this macro requires far fewer keystrokes to access. Additionally, being menu driven makes it easier to use.

ALT B This is an extremely feature filled, highly useful macro.

Combines the features of MOVE (CTRL F4) with a few other enhancements. Allows the user to block the following types of text: character(s), word(s), sentence, paragraph, page or a specified block. It then allows the addition of various enhancements (font size or attribute), super/subscripts, quotes, delete the block (a sort of enhancement...), upper/lowercase, or to keep it blocked.

Text in the move buffer may also be retrieved. Duplicates and improves upon WordPerfect's block retrieve feature (CTRL F4 4 1, also known as CTRL F4 RB)

You can also move, copy or delete the defined block of text. Note: Text deleted with this macro is placed in the Move block temporary storage area and not in the delete holding area. Retrieve it using ALTR or the retrieve block option in menu 1.

Lowercasing a sentence will capitalize the first letter of it's first word.

Lowercasing a PARAGRAPH will recapitalize the first letter of every sentence's first word within the paragraph

If you've already blocked some text when you run this macro it will automatically go to the Menu 2. This menu provides for operation upon blocks of text

Two true quotes is placed in the document by hitting ALT-B O Q (access the BLOCKing macro, "O" for Options menu and "Q" for Quotes). If the character at the cursor is a space the two quote characters are entered and the cursor placed between them otherwise, the character at the cursor is quoted. However, if there is a blocked region, that region is quoted.

Menu 3. Essentially the same as hitting Ctrl F8 (A)ppearance or (S)ize and then the appropriate menu item. What this macro does is put these options in the same menu. This macro is sensitive to active blocks. If a menu choice is made without text being blocked, the character on which the cursor rests will take on the attribute chosen from the menu. However, if a block is active, all text within that block takes on the attribute of the chosen menu item. NOTE: Normally part the (S)ize option of CTRL F8 menu, Super/Subscripts are not within this section of the macro. Sub/Superscripts exits at the previous level of this macro

If Menu 2 is chosen from Menu 1 (with no active block), the chosen option acts as if a single character was chosen; exception: Move and Copy which will not work without an active block of text chosen.

You may uppercase the first character of a word or the first word of each sentence without lowercasing the sentence or paragraph first.

Spell check a defined block or the current word.

**"Limitation":** **1)** Character blocks only recognize the following as valid characters: 0-9, a-z and A-Z Use the Wordperfect BLOCK feature (ALT F4, or, on extended keyboards F12) for other characters. **2)** When moving or copying text to the end of a document ensure that at least two spaces exist at the location to which you are moving/copying the text. If you don't, the moved/copied text won't appear automatically. The problem lies with WordPerfect somehow and I haven't figured a way around it yet. If the text doesn't appear as expected hit the retrieve macro (ALT-R) to obtain it. **3)** Block copies and moves may not work as expected when those copies/moves cover more than one column (block

Brief Descriptions: (con't)

or block protect columns) or more than one table cell.

**ALT C** Adds a Drop Cap to your paragraph. Allows you to specify the desired character or, if a character is blocked will convert that character to a Drop Cap. You may also specify a new size for the base font. Requires scalable font capability. **DON'T USE WITHIN TABLES!**

**ALT D** An extension to the LIST (F5) key in that this macro is customizable to include the subdirectories or drives used often. This means they are only one or two keystrokes away rather than many. You may want to customize it for your particular subdirectory structure. (ALT D).

**NOTES:**

**1.** The WordPerfect files directory is assumed to be called WPDOC. You may change it though by changing the contents of the variable DOCDIR. This variable is located at the beginning of the macro for easy modification, if necessary.

**2.** The WordPerfect subdirectory is assumed to be called WP51. You may change the contents of the variable called WPDIR to reflect your WordPerfect subdirectory.

**3.** This macro is designed for use with LONG or SHORT file names. However, unless you have a Jun 90 or later WordPerfect 5.1 interim release the use of long filenames will not correctly be detected and the macro may not work correctly.

**ALT F** Saves a file or retrieves a file depending upon the status of the document. There is also an option to provide a document summary or print the file (or a portion of it). The primary purpose for this file though, are the features described below.

**Save File.** If the current document window has a file in it (or has been modified in any way) this macro displays a menu which has a number of options for saving the current file. The macro detects files with no names and prompts the user to supply one.

**Retrieve File.** If the current document is BLANK the macro retrieves information from a special file concerning the last file(s) edited. This information was obtained during an exit from WordPerfect using the Exit macro (ALTX). This information is then displayed to the user. Depending upon the information displayed, one or more files may be retrieved. During the process of retrieving the file(s) the cursor relocated to the last edited position.

**LIMITATIONS:** 1) If page renumbering was used then the cursor may not return to the exact same spot. However, the macro attempts to place the cursor at an "equivalent" spot of matching the page, line and position on the line locations. 2) You'll need Jun 90 or later WordPerfect interim release if you use long document names.

**NOTE:** If you are upgrading from a version of these macros which is prior to late October 91 you'll need to run the CONVERT macro to auto-retrieve your files (as described above).

**ALT H** Provides a brief description of all macros provided. Completely menu driven.

**ALT L** Provides an easy method of switching between Long and Short (DOS) Document names when Saving and/or listing files. All legal options are provided:

Long names when saving: long names or short names in display listing

Short names when saving: long names or short names in display listing.

**ALT N** There are a number of chosen characters in many different categories.

## Brief Descriptions: (con't)

Nominally organized by category choose the character(s) by number. If your printer doesn't recognize the character chosen WP51 sends it as a graphic (provided your printer is not a daisy wheel printer). **LIMITATION:** There are three symbols which use user defined character specifications (Character set 12). They are #'s 54, 59, and 61. They may or may not print. If they do print, there is no telling how they'll print unless you use ITC Zapf Dingbats (I'm currently using the Postscript cartridge for a LaserJet II). Redefine as necessary. **NOTE:** alphabetic characters entered with numbers will show up as bad options but will not interfere with any other chosen options.

**ALT P** Print a page, specified pages, the entire document, initialize the printer, or go to the WordPerfect print menu (SHF F7). During print operation the macro identifies whether a page or the document is being printed. This macro also reports the page number on which the cursor rests. Just prior to exiting, the macro reports that it is exiting. This is a helpful feature for slower machines which may take some time before being able to actually exit.

**ALT V** The same as Shf F7, (V)iew

**ALT X†** Exit from WP or the document. Sensitive to whether the current document has been modified. Calls ALTF for file save operations. Detects blank files and automatically exits from either WP or the document when called. If called, and printing is on-going, this macro provides the option of continuing with the exit or returning to the document to continue printing. Additionally, on an exit from WordPerfect this macro saves the information on the current file(s) for later automatic retrieval. This information is used by ALTF for automatic file retrieval.

**CTRL A** Stores a file as ASCII text. Takes current filename, removes extension, and supplies a specific extension for the ASCII save -- as supplied that extension is "TXT". User may redefine extension by changing variable contents at beginning of macro. User may store file with a different file name and/or path by supplying the appropriate information. The default ASCII file extension may also be overridden to force storage of file with a specific filename and extension. Existing files with same name are detected. Files without names when macro is executed are detected. Original filename is restored at the completion of an ASCII store. A file with same name when the ASCII extension is added is detected and taken care of during an ASCII save (ASCII saves will not be overwritten by a WP51 format document inadvertently)

**CTRL D** Provides options to chose a date format for inserting into a document. These formats include Standard (mm dd, yy), Military (dd mm yy), and Contracting (yy mm dd). Additionally, the name of the month may be a three letter abbreviation or fully written out. The year may be the last two digits (e.g. 91) or the entire year (e.g. 1991).

**CTRL S** Places a superscripted value over a subscripted value. Example:  $E_a^b$ . The macro places a space directly after the last value so the user can continue typing. Also, the macro is independent of font size and uses no position sensitive codes. Spacing adjustment is automatically calculated for proper placement of text. **CAVEAT:** If the size of text is changed AFTER this character set is created you may need to make proper adjustment for the superscripted value (or redo the equation). However, a variance of two points, larger or smaller, does not significantly alter the appearance of the printed result. If the typeface is changed (say from Times Roman to Century Schoolbook) chances are the equation WILL need to be redone.

**ALT -** Provides for paragraph numbering. Executing this macro and hitting "A" or "ENTER" will create an automatic paragraph numbering based upon the number of

Brief Descriptions: (con't)

tabs/indents the cursor is from the left margin. Hitting a number between 1 and 8 will chose a specific level of paragraph numbering. The Option "N" will reset the new paragraph number to 1. The "S", setup, option will send you to the paragraph numbering setup menu provided by WordPerfect.

ALT [ Takes the character at the cursor and transposes it left by one position. Characters include formatting characters as well. See ALT ].

ALT ] Takes the character at the cursor and transposes it right by one position. Characters include formatting characters as well. If the character at the cursor is one which is not paired (as in {BOLD}{bold}) it may be transposed. If the character is paired, the cursor is moved until a transposable character is found- it is then transposed.

ALT Enh Right Arrow  
Right/Left Places cursor at next column or table cell

ALT Enh Left Arrow  
Places cursor at previous column or table cell

CRTL Enh Left Arrow  
Places cursor at the end of the word to the left of the current word. Moves past all formatting code until cursor reaches the actual text

CTRL Enh Right Arrow  
Places cursor at the end of the current word. Moves through the word until it reaches the end of the word (or formatting code whichever comes first)

Shift Enh Right Arrow  
Move cursor to the beginning of the next sentence

Shift Enh Left Arrow  
Move cursor to the beginning of the previous sentence

CTRL PgDn Retrieve the contents of a memory variable. (RXMEM) To use, the memory variable must exist (otherwise there's nothing to retrieve and you get an error message). To assign a memory variable from the keyboard, block the text desired (up to 127 characters) and hit Ctrl PageUp. At the variable prompt, provide a name and hit enter. Or, hit Ctrl PageUp, and at the variable prompt, provide a name and hit enter. Then, at the value prompt, enter the desired text. To retrieve the contents of this variable hit Ctrl Pageup and provide the name of that variable. The retrieved text is placed directly into your document. This macro is assigned to the PgDn key of extended keyboards.

CTRL Del Delete a block of text or, if block isn't active, the current word

ENV Creates the text to place on an envelope which is then placed on a page defined by ENVELOPE.REF. Menu options allow editing your info, viewing the document, exiting to the document, deleting the current page or adding another record. You may want to rename this to ENV.

FN This file is used by ALTF and ALTX to handle the manipulation of a filename and it's path. This macro takes a file's name and path and allows you to replace, insert and or add characters to the file specification. It then returns the result to the calling macro. It has NO direct user utility.

## Brief Descriptions: (con't)

CTRL M (MEMO) The macro will prompt for the type of Memorandum it is (i.e. Memo for...). It also prompts for the subject of the memo and from whom. The macro then places the Memo text on the first line flush left, the Date is placed flush right and then a graphic line is inserted under which is placed the subject and from. All tabs and margins are automatically setup.

CTRL L (LTRHD) Prompts for REPLY TO ATTN OF, SUBJECT, and TO for placement on Military preprinted letterhead. Variables are created such that it is easy to change the placement of these inputs to compensate for actual placement of these prompts between different batches of letterhead. Note: this letterhead is usually  $\frac{1}{4}$ " narrower than normal 8.5"x11" paper. This means that if you measure a one inch left margin (about two spaces to the right of the semi-colon) you will actually need about a 1.17" left margin (for example). All document initialization's are placed at the top of the macro. Useful tool for non-military as well - modify as appropriate to your organizational letterhead (or your own).

Brief Descriptions: (con't)

**Replaced Macros.** These are macros which, as others matured, had their abilities taken over by another (i.e. were superseded).

REMOVED

ALT S Search (forward/reverse), Spell, subscript/superscript. Everything but search transferred to the Blocking macro (ALTB). The search capability provided no real value added over the native WP search capabilities.

REPLACED by **ALT B**. This macro now has all of the functionality of these macros, including ease of use, such that they are now longer necessary as standalone macros:

ALT C Upper or lower cases a character or, if the block is active, upper/lower case all text within the block

ALT E Enhance Text: Size and Appearance

ALT I Italicize a character or a block of characters

ALT L Lowercase a character or a block of characters

ALT Q True quotes of a block of text or if no active block, placement of the cursor between two true quotes

ALT R Retrieve text from WordPerfect buffer

ALT S The Spell Check option of this macro was revised, extended and improved by inclusion into ALTB

ALT S Subscript and Superscript capability transferred into ALTB.

ALT U Uppercase a character or a block of characters

ALT W 1. Blocks a word. This macro is punctuation sensitive.

2. Transposes a word forward or reverse of its present position

### Notes.

† If ALTX recognizes that a document was modified it calls the SAVE macro, ALTF, to save it. If you execute ALTX and ALTF resides in a keyboard definition file an error is generated because WordPerfect can't find ALTF. The problem is that a WP51 macro cannot call (and therefore execute) another macro which exists only in a keyboard definition file. Macros (within a keyboard definition file or standalone) can only call standalone macros.

● The HP Laser Jet Series II appears to be off by 0.2c (too much) when advancing. The letterhead macro is the one place I've noticed this "problem." Measurements are made to place the text at specific places used by the military pre-printed letterhead and the measurement for the left margin may need appropriate adjustments for your printer. These macros are currently setup for the Apple LaserWriter IINTX (or HP Series II with a Postscript Cartridge).



Brief Descriptions: (con't)

Macro Dependencies:

- |   |                           |
|---|---------------------------|
| (1) ALT F - ALT P, ALT X, ALTD, DP, FN, ASCII | (2) ALT X - ALT F, DP, FN |
| (3) ALT [ - TR                                | (4) Env - ALT P           |
| (5) ALT D - DP, FN                            | (6) ALT L - ALT D, ALT F  |
| (7) ASCII - DP, FN, ALT F                     |                           |

NOTES:

All WordPerfect (DOS) standalone macro files have WPM as their extension. Other macro files are found in WordPerfect keyboard file (which have WPK extensions).

Any macro which is depended upon by another macro for certain features must remain as a standalone macro.

ALTF relies on information supplied by ALTX (when WP51 is exited) to retrieve the last file(s) edited.

Macros which call other macros CANNOT call a macro in the same or different keyboard definition file. This means, if such an event happens, and the called macro is not found in the macro directory (a .WPM file) it is reported as missing or non-existent.

Neither FN nor DP have any user capability. They provide features for the macros which call them.

The DOS filename for ALT], the TRANSPOSE RIGHT macro is TR. DOS won't accept the "]" character as part of a filename so ALT] isn't a viable name. TR is the standalone version of the ALT] macro which is in the WPK file.

This macro, ASCII, was assigned to the CTRL A key. ASCII is no longer embedded within the keyboard definition file.

### **Improvement History (by macro):**

ALTA

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 3.7e)

ALTB

21 Sep1 Printing of any block is now allowed now. This includes a character, word, or sentence (previously disallowed). This macro allows printing a block at it's current location. WordPerfect will get the line correct but if you printed the blocked region which exists in the middle of a paragraph, it'll print beginning at the left margin. This macro has it start printing at the line position reported by WordPerfect. NOTE (important): WordPerfect does microjustification. Therefore, if you use other than left justification in your documents the true location on the page may not accurately reported (for some reason) by WordPerfect. Also, the blocked region will have it's own microjustification independent of the text surrounding it so, a sentence in the middle of the paragraph may print differently from what you might expect (less tight kerning for instance). With this in mind, happy printing! The macro also identifies what type of block you are printing (character, word, etc). (Version 3.33)

22 Sep1 The two methods I've used to test for end/begin of document don't always work correctly between different interim releases of WP. This might evidence itself by a tilde (~) appearing in your document. I started seeing this with interim release 5/31/91 when blocking sentences at the end of a document. I had to rewrite the sentence blocking section to avoid this problem. If no sentence is recognized an error message is generated before returning to menu 1. This is possible if there is nothing to block or, you are at the bottom of the document and formatting codes exist after the last sentence but before the end of the document.

## **Improvements (by macro): (con't)**

I also reworked all four menus slightly. These menus are now one line higher than before. Menu 3 is now wrapped onto the lowest line instead of going to the end of first line. In multiple mode the only line which gets rewritten now is the lowest line. This line identifies those enhancements being added to the document. This is especially beneficial to those with slower systems since the entire menu needn't be rewritten now. If you attempt to go to menu 4 without first blocking something the error message is displayed in the lowest line.

An entire screen refresh is no longer performed between menus as was a previous practice.

Formerly, during an index, if you made an index entry for the primary index but didn't want a subindex you got one anyway. This is fixed. Now, to accept a subindex you either hit the "=" key (and hit enter to accept the default subindex) or type in another subindex. Hitting the enter key without an entry will default to NO subindex. (Version 3.34)

23 Sep1 Fixed a problem with a sentence being blocked such that the blocking would end with the cursor on one or more lines below the block start but at the left margin. This would cause a "No Sentence Found" error (which was bogus). (Version 3.34a)

23 Sep1 Abbreviated the menus to allow quicker screen writing on slower machines. Improved menu 3 to write only the necessary changes when going between the Multiple and non-multiple modes. This substantially improves the speed at which the menu modes switches. (Version 3.34b)

23 Sep1 Menu 4 now includes options to go directly to Menus 1, 2 or 3. Hitting the enter key in any of the menus takes you to the previous menu level. One minor difference is that if menu 4 was called from menu 2, hitting the enter key in menu 4 will return you to menu 2. Returning to menu 1 from any of the other menus will still turn off the active blocking but will also return the cursor to the beginning of that block rather than leaving it at the end of the block as was the case. (Version 3.34c)

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 3.34d)

13 Oct1 A minor bug caused menu 3 to display when a sentence was blocked. However, menu 2's options were active (not menu 3's). This no longer occurs. Another fix involved words which contained soft hyphens (the one you get directly from the keyboard). WordPerfect would have now problem blocking the entire word containing hyphens. However, the macro would block a word up to the hphen. This was fixed to perform similarly to the way WordPerfect's word block performs. (Version 3.34e)

11 Dec1 Minor change to Quotes. Added checking for a hard return at the current cursor location. Now, if a space OR a hard return is found, the quotes are placed next to each other and the cursor moved between them. Without this check for the hard return I found that the close quote would often end up on the next line (after the hard return). (Version 3.34f)

11 Dec1 Minor change made to Multiple Enhancements. Added a prompt to show which options being added. As each option is added to the document it is stripped from the displayed list options chosen. This display is particularly useful for slower systems and provides feedback that something is actually being done. Fast machines'll probably see a quick blip of info... (Version 3.34g)

## **Improvements (by macro): (con't)**

### **ALTC**

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 2.60a)

### **ALTD**

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 3.70o)

2 Oct1 If an error occurs the WordPerfect is reset to used the default document directory to be on the save side of things. (Version 3.70p)

10 Nov1 Removed directory menu information and placed it into a separate file, DIRPATH. This file is then used by all other macros needing access to that same menu information (ALTF, for instance). Options are now case sensitive (they are no longer converted to uppercase from lowercase). (Version 3.8)

12 Nov1 Made a few changes to make it easier to make changes to drives and directories. All directory and drive information is now in DP (formerly called DIRPATH). (Version 3.8a)

13 Nov1 Fixed the macro so that it works more closely to WordPerfect's operation. So, if you chose to do a directory on drive A (with ALTD) and later you hit LIST (F5) you'll get a default directory of drive A. Previous to this you'd get a default directory listing of your WP51 Document directory. An error handling routine was reactivated. After displaying its menu the error routine will return to the directory menu. (Version 3.8b)

14 Nov1 Added a routine to assist, in certain cases, accessing drives. It does this by reminding WP what the default drive is. To perform ONLY this reset, execute ALTD and then exit the macro. (Version 3.8c)

17 Nov1 Let's say you chose the OTHER option. Then, you decided that's not what you wanted to do and hit CANCEL. The 2nd menu line which identified the current path wasn't restored. This was fixed. (Version 3.8d)

21 Nov1 Variables were being cleared which were needed for proper saving of the autoretrieve file. This was a holdover from the time when this was a self-contained file. These variables no longer need to be cleared at the end of this macro any longer. (Version 3.8d1)

12 Dec1 Moved an identifier variable to earlier in the macro to allow proper menu display under certain circumstances. (Version 3.8d2)

### **ALTF**

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 3.35a)

29 Sep1 Substantially enhanced AutoRetrieve capability. Macro now retrieves one or more files depending on the information stored in the data file. Senses status of files currently loaded and adjusts the menu accordingly. For instance, if information on two files is stored in the data file and one file is already being edited then you may retrieve one files indicated and not both. Macro added the option of NOSAVE to the menu line. Normally this option isn't needed. However, it might be needed when this macro is called by the EXIT macro (ALT X). (Version 3.4)

## **Improvements (by macro): (con't)**

29 Sep1 It used to be that you had to provide a name for files without names. This has changed. The user is now asked if he/she wants to provide a name. If the answer is yes the macro proceeds as usual. If the answer is no then the macro is exited. This is not normally an issue unless the EXIT Macro (ALT X) has called this macro. (version 3.40a)

30 Sep1 A bug in the program wouldn't allow the retrieve menu to display under some conditions. This was fixed. The macro was also modified so that when called by the EXIT macro (ALT X) with a blank file the user may exit the macro (by using the cancel key and thereby the exit operation), provide the file with a name, or exit the file. Prior to this an exit from an unnamed file using the ALT X macro wasn't directly possible. (Version 3.40b)

1 Oct1 Fixed a problem which occurred when making a choice not provided - the macro would end up exiting after a short while. Made some changes to allow proper operation of the EXIT macro (ALT X) when the ALL and both document options called this macro and the file had no name. What happens is that a return code is returned based upon an option made in this macro. Part of this change was the modification of the menu used for unnamed files to include a CANCEL option. (Version 3.41)

2 Oct1 Made some programmatic changes to improve user control under certain circumstances (primarily in providing answers to prompts. Some prompts looked only for a "Y" answer with all other responses, rightly or wrongly, all grouped together. These changes stop that practice.) (Version 3.41a)

4 Oct1 Macro was doing a name check of the file being saved via a system call rather than a variable call. This was providing improper results at times. (Version 3.41b)

6 Oct1 Gave a more flexible rename capability. When a file is given a name a path may or may not be specified. Once the name is supplied return is made to the main menu. From here, you may store to any drive or subdirectory listed with a simple keystroke. For drives, the name you supplied is used along with the drive specified. For subdirectories, these take direct control and store immediately to that subdirectory. If you've renamed a file and you've specified the root directory and you want to store that file to a subdirectory, forget it with this version unless you store the file first. This will be fixed in a future version. The Rename menu for use with long document names has been slightly modified to be less confusing and more direct. (Version 3.51)

7 Oct1 Improved auto-recall error handling. If one or the other file doesn't exist the one which does exist is retrieved into document #1 and the user left in document #1. If neither exist nothing is retrieved! (Version 3.51a)

7 Oct1 Fixed the root directory problem identified by the 6th of Oct change. Choosing a root directory as part of the name of a file is no longer a problem. Now, the new name is parsed and separated from the path regardless of length. (Version 3.51b)

13 Oct1 Changed the routine which gives/changes filenames to a subroutine module. Portions of this macro which rely on this subroutines' functions must now CALL (as opposed to GO to) it. Portions of this macro which merely went to this routine were modified to reflect that change. (Version 3.52)

27 Oct1 Modified the macro to rely on a routine which specifically handles the full path specification of a file during a file save. See FN for a description of the full functionality. (Version 3.6)

## **Improvements (by macro): (con't)**

3 Nov1 Added OTHER option to the menu. This allows the user to specify a destination not identified by the menu when saving a file. (Version 3.6a)

3 Nov1 Provided a multiple save option. This allows more than one save location during a save operation. NOTES: (1) Only provided drives and/or subdirectories are valid options (OTHER isn't provided at this time). (2) A RESET to the original subdirectory or drive is performed after all save operations (including multiple operations and all single drive operations, excluding single subdirectory saves). (Version 3.7)

6 Nov1 a) Fixed a tendency the macro had with saving the file to the original path three times during a multiple save (the original path is the path the file had when the macro was first run). b) Changed the "save to a drive path" option to act like a save to a subdirectory path (i.e., that option BECOMES the path). This doesn't happen during multiple saves though. After multiple saves the path is reset to the original path. c) Long document names weren't being saved during a file save (i.e., during Rename or providing a nameless file a name). Fixed this problem. (Version 3.71)

7 Nov1 Added several options: SUMMARY and PRINT. Also added additional identification for the OTHER option for clarification of its use. SUMMARY puts the user into the document summary screen -- ALTF terminates. The PRINT option executes and passes control to the PRINT macro (ALTP) -- ALTF terminates. Minor changes were made to the SAVE menu. (Version 3.72)

10 Oct1 Took the menu of options out of this macro and placed it in a macro file called "DIRPATH". This macro file is responsible for all menu options. The advantage of this is that this file is also used by all files needing access to this same menu (ALTD, for instance). Options are now case sensitive (they are no longer converted to uppercase from lowercase). (Version 3.73)

12 Nov1 Made some changes to make it easier to add/delete/modify directories and/or drives. All drive and/or directory information is now contained in DP (formerly DIRPATH). DP is called to initialize some variables used by ALTF. (Version 3.73a)

14 Nov1 Added a routine to assist, in certain cases, accessing drives. It does this by reminding WP what the default drive is. To perform ONLY this reset, execute ALTF and then exit the macro. (Version 3.73b)

17 Nov1 Let's say you chose the OTHER option. Then, you decided that's not what you wanted to do and hit CANCEL. The 2nd menu line which identified the current path specification wasn't restored. This was fixed. (Version 3.73c)

19 Nov1 Suppose you decided to rename a file. If you get all the way to the full path specification and then decide you don't want to rename the file after all. You hit CANCEL twice (to get back to the main FILE menu) only to discover that the path specification had TWO copies of the path to the file - no longer. (Version 3.73d)

21 Nov1 The document identification line in the menu was changed so that a file with no name was a tad more unambiguously identified. Variables initialization is now performed prior to checking for a blank document. (Version 3.74)

22 Nov1 Minor menu modifications. (Version 3.74a)

## **Improvements (by macro): (con't)**

23 Nov1 In the rename menu, where you were providing the new filename, the current filename (and/or path) wasn't being displayed. (Version 3.74b)

24 Nov1 If a file with the same name already exists as the newly named or renamed file a message to that effect is created. You may accept the new name (and overwrite the "original" file) or provide another name. (Version 3.75)

24 Nov1 The capability provided with the previous revision has been extended for the EXIT macro (ALTX). When a file is renamed at the EXIT menu of the EXIT macro the existence of a file of the same name is checked prior to the actual file save. (Version 3.75a)

26 Nov1 When CANCEL was hit before reaching the filename there was no longer any way (really) to give the file a name without going completely out of the macro and reentering it. This is no longer the case. (Version 3.75b)

26 Nov1 Added an option to save file as ASCII. This option transfers control over to the ASCII macro. Also removed some code which caused spurious "FILE EXIST" operation (when it shouldn't do so). (Version 3.76)

27 Nov1 Modified to display the EXIT menu header if ALTX (exit document option) calls this macro. (Version 3.76a)

1 Dec1 Initial version capable of retrieving up to two documents out of a maximum total of 4 of the most recently edited documents. User must identify the document(s) to retrieve, in any order, up to 2 in quantity. If both document screens are empty the user may request 2 documents, otherwise only 1 may be retrieved. (Version 4.00)

5 Dec1 Revised the retrieve algorithm for better efficiency. Order of document request is order of retrieval (in other words, the numbers 31 will retrieve document #3 to document screen 1 and document #1 to document screen #2). Added the ability to remove 1 or more files from the autoretrieve data file. Removing all files causes macro termination after informing that there are no files to retrieve. (Version 4.01)

10 Dec1 If Multiple Save was called immediately after a file rename, the process of returning to the "original path and file name" would result in a reset of the file to its original and not the newly provided name. (Version 4.01a)

11 Dec1 If you don't want to choose from the AutoRetrieve file selections hit the EXIT key and you'll enter the DIRECTORY macro (ALTD). (Version 4.01b)

12 Dec1 Made a few minor changes so that when ASCII is called just after a file rename (and before it has actually been saved) it knows that the current file does indeed have a name. (Version 4.02)

13 Dec1 Made some minor changes to support a call from ALTX during a document exit. This change basically involved moving document exit responsibility from ALTF to ALTX if EXIT was chosen at the ALTF menu requesting the user to provide a file name (for a file without a name). (Version 4.02a)

13 Dec1 Made some minor changes to allow the normal ALTF message line above the main menu when called by ALTX during a document exit. (Version 4.02b)

ALTH

## **Improvements (by macro): (con't)**

21 Sep1 Updated for changes to ALTN. (Version 2.03c)

11 Nov1 Broke the macro into four (4) sections. The first section is the master menu (ALT H). The other sections are for each type of macro key: ALT, CTRL, and Shift. These macros are named ALTKEY, CTRLKEY, and SHFKEY respectively. Operation of the macro is essentially the same. (Version 2.1)

14 Dec1 Finally placed a less terse menu in the main help menu. Added the space bar to the options which'll quit the help macro.

### **ALTL**

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 2.00c)

### **ALTN**

21 Sep1 Added a new category: Technical. Added several characters too. Angstrom (Å) was placed in Technical and degree (°) was moved there. The square root sign and hi-bar were added to Math. These two together make a decent looking square root sign ( $\sqrt{\quad}$ ). (Version 2.92)

23 Sep1 Sometimes, the macro wouldn't accept the first character. A guess is that the bad option flag was set when the macro was run resulting in a bogus error indication. This flag is now reset upon running the macro. Hopefully this fixes the problem. (Version 2.91a)

### **ALTP**

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 2.41a)

2 Oct1 Made a message change to the menu for allowing the printing of odd or even pages from a range of user supplied page numbers. Also, provided an extension to the "print from current page to end" and the "print from start to current page" so that only odd or even pages are printed. The user only selects "e" or "o" with a "+" or "-" to do so. At this time the options "oe", "eo", "+-" and "-+" will print ALL pages (it's equivalent to Print Entire Document). (Version 2.50)

3 Oct1 Redid the main menu. Renamed "Specific Page(s)" to "Multiple Page(s)". Renamed "Document" to "File" Option. Rearranged the menu to read "This Page/File". Cleaned up a few minor bugs. (Version 2.50a)

ALTV No change since 12 Jan 91

### **ALTX**

21 Sep1 If not at the main editing screen (for example, while in a page preview or directory list), hitting ALT X will exit to it. (Version 2.13a)

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 2.13b)

29 Sep1 Major Revision. Macro now stores information on both documents so one or the other may be retrieved by the FILE macro (ALT F). Information is obtained on only non-empty files. Information on all available files is displayed to the user, to rename or accept, before an actual file save is completed. During a file rename the user may give the file a new name to store the file by or tell the macro not to save the file. Accept will save the files,

## **Improvements (by macro): (con't)**

store the file information (path, name, cursor position), and exit WordPerfect. The data file has a different structure than previous versions. A macro (Convert.wpm ) has been provided to convert from the old to the new structure. (Version 3.00)

30 Sep1 Exit ALL documents is now provided. This procedure is functionally the same as the WordPerfect exit except that the user remains in WordPerfect after all documents are exited. Also, through changes to the FILE macro (ALT F), the current unnamed document may be exited under control of the macro. Prior to this such an action wasn't directly possible. (Version 3.00a)

1 Oct1 Fixed a problem in which an improper call to the FILE macro (ALT F) disabled proper macro execution. Fixed some minor problems with making choices which weren't on the menu. Fixed a problem with the option ALL. When there were files with no names both files might or might not be exited. Either that or there'd be an error of some sort. Modifications to the FILE macro (ALT F) and the EXIT (ALT X) macro together now allow proper operation on unnamed files. Now the files aren't arbitrarily exited when the options ALL, document or DOCUMENT are chosen. (Version 3.01)

4 Oct1 Gave direct access to available files (modified or unmodified) for renaming (a shortcut to the renaming a file). The saving of a renamed file didn't work correctly in the previous version but has been fixed in this one. If a file has been given a new name it is saved under that new name (whether or not the original was modified) along with the appropriate cursor location information. Note: in this version it is important for the user to supply the file's full path as part of its new name. This is particularly important for later automatic retrieval of the file. If you use C: instead of C:\, for instance, the macro will look in the current directory instead of the root directory. If the current directory is not the root directory the file won't be found... Also, disabled the use of the ENTER key at the RENAME ACCEPT menu. The user is now forced to respond appropriately (it was nice to respond with the ENTER key to save the files and exit WordPerfect but it easily caused problems) (Version 3.02)

6 Oct1 This change provides checking for paths in filenames provided during WordPerfect exits. This rename facility is performed at the exit menu. Now, if you give a file a name the macro will check the supplied name for a path. If no path is provided in the new name it is given the default path. If a path is provided it is separated from the filename (the filename and path are now in separate variables). If the root directory is specified, the root directory of the default drive is used (this is currently defined by the macro as the root directory of drive C). On blank files, WordPerfect has no method for determining a default drive. However, it will use the default document directory for document storage. Unfortunately, there's no direct way to get to that directory specification without first saving a file (without specifying a path during the save). This isn't sufficient for file autoretrieve, however. Therefore, the default drive is specifically identified. New names are now correctly identified, along with path names, during a WordPerfect exit for inclusion in the retrieve file data file. Prior to this, the user supplied names weren't checked. If you supplied no name, the file was stored on a default drive (whatever it was). If you supplied a root directory, the root drive of whatever drive was used. However, in this case, no drive name was supplied. This made it difficult to autoretrieve some files. (Version 3.10a)

7 Oct1 Fixed a problem with exit ALL option. Now all files are exited correctly. The only difference between the exit ALL and the EXIT WordPerfect options is that the ALL option does not store file information on the files exited and leaves the user in WordPerfect, document #1. (Version 3.10b)



## **Improvements (by macro): (con't)**

13 Oct1 If a user was exiting WordPerfect and accepted a file which was modified but which had no name ALTF would catch it. However, the filename wouldn't get recorded in the autoretrieve information file. This problem was fixed. (Version 3.11)

27 Oct1 Modified the macro to rely on a routine which specifically handles the full path specification of a file during a file or WordPerfect exit. The functions which use this operation are exit ALL files or exit WordPerfect. This macro, FN, is called from ALTX through the RENAME function. See FN for a description of the full functionality. (Version 3.12)

12 Nov1 The macro was modified to rely upon DP (Drives and Paths) to initialize the variables used by ALTX. (Version 3.12a)

17 Nov1 Modified the macro to allow proper operation of a CANCEL while in a file rename situation during a WordPerfect exit. The CANCEL action rewrites the EXIT menu after exiting the rename facility. The file being renamed is reset to it's original name and all references to the "new" file name removed is from the system. (Version 3.12b)

19 Nov1 Modified the macro to rewrite the screen (and get rid of the Rename File instructions) at the conclusion of a file rename at the Exit WordPerfect menu (the menu which is displayed when the WordPerfect option is chose at the initial EXIT menu). A test is now made on file names of three characters or less. This test looks for and disallows filenames of the following type: ":", "\", "A:", "A\", or "A:\". Other illegal filenames are, for the most part, caught during the exit procedure. It's the user's responsibility to ensure the filenames are correctly specified. (Version 3.13)

21 Nov1 In a WordPerfect exit the Rename function wasn't working correctly with files which hadn't been named and an ACCEPT option was selected. Now, ALTX forces a file rename before the WordPerfect EXIT is performed. (Version 3.14)

22 Nov1 After a forced rename, the EXIT menu is returned to so the user has another chance at accepting or revising the filenames. (Version 3.14a)

22 Nov1 If both document screens were empty and the EXIT ALL option was chosen an EXIT WordPerfect would occur. No longer...it works as intended (stays in WordPerfect). (Version 3.14b)

23 Nov1 The macro tries to insist you name a blank file before a save occurs. This happens when either of the document screens is non-blank. (Version 3.14c)

23 Nov1 Minor change. When exiting WP51 the EXIT options were remaining on the screen while saving modified files. Now, those options are removed from the screen. (A Purely cosmetic change...) (Version 3.1d)

24 Nov1 Added a routine to prevent exiting WP51 before the autoretrieve information get saved. I discovered that if document #1 was blank and document #2 wasn't (or vice-versa), the EXIT macro would exit WordPerfect without getting a chance to save the autoretrieve information. (Version 3.1e)

24 Nov1 Made a minor change to allow checking for an existing file of the same name during a WP51 exit. This is important only with a file rename. (Version 3.1f)

1 Dec1 Initial version which updates the autoretrieve file. A maximum of four filenames are stored in the autoretrieve file. Files with the same file specification have their cursor

## **Improvements (by macro): (con't)**

location information updated. Files with the same name but different path are considered "new" and are added to the autoretrieve file. New files are added to the bottom of the file and removed from the top of the file. The number of files indicator located within the AutoRetrieve file is also updated. (Version 4.00)

5 Dec1 Added handling for a file with 0 records and the handling for a non-existent autoretrieve file. (Version 4.01)

13 Dec1 Made a change in how an exit from document was performed. If the file had no name and EXIT was chosen from the ALTF submenu (asking the user to provide a file name) the document might be exited. Additionally, if the ALTX option chosen was "D" no document switch (from document screen 1 to document screen 2, for instance) would occur. This was fixed. (Version 4.01a)

15 Dec1 A WordPerfect exit message is now displayed during the exit procedure. (Version 4.01b)

ALT-

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 3.10g)

CTRL A (ASCII)

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. Removed the message concerning the enter and cancel keys. (Version 1.2c)

5 Oct1 Added the ability to save as a generic wordprocessing file (with tabs) or as simple ASCII text (no tabs). Note: indents are converted to tabs in the generic save. (Version 1.2d)

23 Nov1 If you want to save your ASCII file with the same name as the original document file you may now hit "=" at the filename request line followed by the enter key. The "=" must be the ONLY character entered prior to hitting the enter key. This way you avoid alot of needless typing. (Version 1.2e)

26 Nov1 Modified macro to rely on DP for initialization and FN for providing a filename. This simplifies certain things in providing filenames. For instance, the user no longer needs to type the entire name, just modify the existing one. Additionally, if the user wants to use the original file's name for the ASCII file just hit the "=" and hit enter. Simple! NOTE: a file name is NOT a path name. The character "=" is NOT a valid filename. Don't use it as part of your filename. Made CTRL A a standalone macro called ASCII. Changed the keyboard definition, CTRL-A, to {CHAIN}ASCII~. This procedure transfers control to the ASCII.WPM macro. (Version 2.0)

11 Dec1 Minor change. When saving a file to a filename which already exists in the designated path the user is asked if he/she wants to replace the current file. Originally only a Yes or No response was allowed. Now, the user may also use the letter R (for REPLACE). (2.00a)

12 Dec1 Made some changes to allow detection of a filename which has a name in memory (but which isn't yet a WordPerfect System name). This occurs ASCII is called after a file with no name has been given a name but which hasn't yet been saved to disk. The ASCII main menu was modified for additional clarity (less terse). Added the option SAVE to supplement the ENTER key option. This provides a more visual clue as to what the user must do to save an ASCII file. The menu now identifies Original and ASCII NAMES instead of FILES. The

### **Improvements (by macro): (con't)**

menu options line now identifies to what those options refer (the ASCII file rather than the original). (Version 2.01)

14 Dec1 Hitting the EXIT key exits ASCII and executes the FILES (ALTF) macro. (Version 2.01a)

#### **CTRL D**

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 3.00b)

#### **CTRL L (Letterhead)**

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. If the macro is run on a non-empty document the cursor is moved to the end of the current document before any letter information (to, subject, from) is entered. (Version 2.7)

24 Oct1 Fixed a minor problem which prevented proper operation when choosing a mail stop for the TO: address. (Version 2.7a)

26 Oct1 Modified the menu presentation. Added capability for five line addresses. Macro now checks to see if the document is empty. If empty the macro acts normally. If the document isn't empty the macro puts the cursor at the end of the document and adds a hard page break. This puts the cursor at the beginning of the new page. (Version 2.71)

#### **CTRL M (MEMO)**

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. If the macro is run on a non-empty document the cursor is moved to the end of the current document before any memorandum information is entered. (Version 2.7)

26 Oct1 Fixed a problem I thought fixed: the macro wouldn't end normally (required the user to hit another key...) (Version 2.71)

**CTRL O** No changes since Sep 91

#### **CTRL PgDn (RXMEM)**

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 1.0c)

6 Oct1 Changed the variable used to grab memory variables to a less commonly used one. This is normally not a problem but is in certain situations. (Version 1.0e)

#### **CTRL S**

23 Sep1 Modified main menu. Shortened horizontal line in consideration for slower machines. (Version 1.30a)

#### **Shift Enh Right Arrow**

15 Nov1 This macro works by detecting a depressed shift key while the enhanced right arrow is pressed as well. This change detects use while in the TAB edit screen. (Version 2.03b)

#### **Shift Enh Left Arrow**

15 Nov1 This macro works by detecting a depressed shift key while the enhanced right arrow is pressed as well. This change detects use while in the TAB edit screen. (Version

## **Improvements (by macro): (con't)**

2.01b)

CTRL Enh Left Arrow

15 Nov1 This change lets the CTRL Enh left arrow work while in the TAB edit screen. (Version 2.00b)

CTRL Enh Right Arrow

15 Nov1 This change lets the CTRL Enh right arrow work while in the TAB edit screen. (Version 3.01b)

ALT Enh Left Arrow

23 Nov1 This change lets the ALT Enh left arrow work while in the TAB edit screen. This change allows the cursor to move to the previous tab setting. (Version 2.01a)

ALT Enh Right Arrow

23 Nov1 This change lets the ALT Enh right arrow work while in the TAB edit screen. This change allows the cursor to move to the next tab setting. (Version 2.01a)

CTRL Del

ALT [ TRANSPOSE LEFT (chains to ALT)]

ALT ] TRANSPOSE RIGHT/LEFT

ALTKEY

14 Dec1 Added space bar to the options which'll exit the current menu/help screen and re-enter the HELP main menu.

CTRLKEY

14 Dec1 Added space bar to the options which'll exit the current menu/help screen and re-enter the HELP main menu.

DP

10 Nov1 NEW. This macro has NO user functionality. It is called by either ALTD or ALTF. This is a central macro for all macros requiring basically the same menu structure. At this time that means both ALTD and ALTF. A change to this menu macro (addition or deletion) is now reflected in both ALTD and ALTF without having to modify both. The user needs to modify ONLY this macro to provide the directories and/or drives necessary for his/her system. Options are now CASE SENSITIVE. The UPPERCASE only option was removed to increase the number of user definable letter options. (Version 1.0)

12 Nov1 Fixed a problem with a misnamed subroutine call which prevented access to drives. Rewrote a routine which didn't seem to work on early model ATs (too long a test...options at the beginning of the test worked, those at the end didn't). Modified a routine to act as a variable initializer for calling macros. (Version 1.0a)

13 Nov1 Changed some path information for options to use the default Drive, WordPerfect directory and WordPerfect document variables identified by the initialization routine. For those options which identify subdirectories off the WP51 directory or document directory (or the "default" drive) this "could" potentially save some work. (Version 1.0b)

14 Nov1 Added a TEST to determine whether the initialization routine has been run. If so, initialization isn't performed again. Without this test the file Path and Name variables are

## **Improvements (by macro): (con't)**

reset and, if reset, a file rename isn't possible. (Version 1.0c)

17 Nov1 Made an explicit test for what macro called this one to correctly set the second menu line (which identifies the current path or path specification). (Version 1.0d)

21 Nov1 Made changes to accommodate variables initialization for the EXIT macro (ALTX). (Version 1.0e)

24 Nov1 Minor changes to menus were made. (Version 1.0f)

26 Nov1 Made changes to accomodate the ASCII option for ALTF. (Version 1.0g)

12 Dec1 Made some menu initialization changes for calling macros. (Version 1.0h)

13 Dec1 Made a minor change to allow a "re-initialization" of a main menu variable used by ALTF after called by ALTX. (Version 1.0i)

ENV No changes since 12 Oct 90

## **FN**

26 Oct1 NEW. This macro has NO user functionality. It is called by ALTF and ALTX to manipulate path specifications during file renames. Added to allow a user, during a file rename, decent manipulation of the path specification (i.e. path and filename). The user is presented with the full path specification during which characters are added, inserted, or replaced. The following functions are provided:

HOME HOME removes the path specification from the cursor to the beginning

HOME END removes the path specification from the cursor to the end

HOME RIGHT ARROW moves to the end of the path specification

HOME LEFT ARROW moves to the beginning of the path specification

DEL removes the character at the cursor

BACKSPACE removes the character before the cursor

INSERT. Added characters shift characters to the right of the cursor right = resets to the original path specification

/ causes the designated file to NOT be stored (Macro must be called from ALTX)

(Version 1.0)

3 Nov1 Added hooks to support ALTF's OTHER option. This option (OTHER) provides a path not provided by the ALTF file save menu. (Version 1.1a)

4 Nov1 ALT X menu wasn't being dealt with correctly. This change fixes it. (Version 1.1b)

12 Nov1 Added a variable used by calling macros to detect a CANCEL and therefore act accordingly. (Version 1.1c)

19 Nov1 Added a help menu which is displayed when the OTHER option of ALTD, ALTF, or ALTX is requested. (Version 1.3a)

23 Nov1 Changed references to arrows in the menu to an actual arrow. Removed any references to enhanced keys. Added a menu description of the INS key. The INS option was always there, just wasn't mentioned in the menu. Added left and right tabs to the menu to

### **Improvements (by macro): (con't)**

go to path separator characters ("/", ":", and "."). Added a border around the menu. (Version 1.4)

24 Nov1 Minor changes. During a file rename from ALTF the message "New Name" instead of "New Path" is displayed. During an OTHER option from ALTD only the path is displayed instead of the full path specification. (Version 1.40a)

26 Nov1 Modified macro to allow use by CTRL A (ASCII). The "=" works differently with the ASCII macro. In this case, it only works at the end of the file name and nowhere else so that the user can override ASCII's default filename extension used for ASCII (DOS) file names. (Version 1.41)

27 Nov1 Made some minor improvements to file specification handling. Home Del would delete the file name but leave the cursor in place (in the middle of nowhere apparently...). This was corrected. Hitting the delete key at the end of the file specification would cause an error which would return to the calling macro. The macro now correctly handles this condition. Hitting delete on the first character of the file specification wouldn't delete the first character without moving the cursor right and then left again. It now works as it should. (Version 1.41a)

27 Nov1 Made some minor changes to detect the caller and adjust the menu accordingly. An option available only at the exit WP menu was removed from display unless ALTX calls this macro directly. The END and HOME Left Arrow options were combined in the menu. (Version 1.41b)

12 Dec1 Made some minor changes to help menu displays of information (minor tweaks). (Version 1.41c)

SHFKEY

14 Dec1 Added space bar to the options which'll exit the current menu/help screen and re-enter the HELP main menu.

### **KNOWN Problem(s).**

A blocked word at the end of a document may include punctuation. Normally, punctuation is not included when a word is blocked (except in blocking multiple words).