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ADH  
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## TEXT EDITOR

A simple text editor segment has been written to generate, alter, and delete text segments in the standard System format (e.g., compatible with TRAC). The text editor may be called from the Executive by the program name EDITOR.

The standard command format is a control character followed by a string of data characters and terminated by a carriage return. If an input error is detected, the editor types a question mark. If the detected error concerns a file (no file defined, file not available, etc.), the question mark is followed by the comment FILE. All numerical arguments are unsigned decimal integers.

The command list follows:

- Pm,n** Print lines m through n, inclusive. If n is omitted or less than m, then just line m is printed. If m is omitted or 0, nothing is printed. If the range of lines requested extends beyond the boundaries of the text segment, printing stops after the last line, with no error indication. Each printed line is preceded by an asterisk (\*).
- :text** Insert the text at the current line in the file (e.g., just after the last line inserted).
- Am,n** Alter lines m through n, i.e., advance the file to just before line m, and throw out lines m through n if n is present and not less than m. Note that this command is just like the ALTER card facility provided for compressed decks with BESYS and GECOS. Thus, successive alter commands must refer to increasing line numbers. In order to "rewind" the file and get back to a lower line number, the user may print (P).
- Tcx, ..., y** Set up tabs. The character c is defined as the tab character. The numerical arguments x, ..., y are the tab stop columns. The tab stops must be given in numerically increasing order. The maximum number of tab stops currently is 9. The old tab character and settings (if any) are overwritten. All tabs are erased if the command is null (T followed immediately by carriage return). If a valid tab is used when the carriage is beyond the last tab stop, then the tab character itself is inserted in the data.

- =file      The named file is attached to the text editor, and any previously attached file is detached.
- +file      A new file is defined and attached, and any previously attached file is detached.
- file      The named file is deleted; also, any previously attached file is detached.
- E            Escape to System Executive.
- null        (Just a carriage return is typed.) The current menu is typed out for ready reference.

## TEXT EDITOR

A simple text editor segment has been written to generate, alter, and delete text files in standard format. The text editor may be called from the Executive by its program name "EDITOR" or by the abbreviation "E".

The standard command format is a control character followed by a string of data characters and terminated by a carriage return. If an input error is detected, the editor types a question mark. If the detected error concerns a file (no file defined, file not available, etc.), the question mark is followed by the comment FILE. All numerical arguments are unsigned decimal integers.

The command list follows:

- Pm,n            Print lines m through n, inclusive. If n is omitted or less than m, then just line m is printed. If m is omitted or 0, the next line is printed. If the range of lines requested extends beyond the end of the file, printing stops after <END OF FILE> is printed. Each printed line is optionally preceded by a line number.
- Om,n,text        Overwrite line m, starting at column n, with the text contained in the third argument. If the column number is 0 or omitted (the comma must be given, however), overwrite starts at column 1. If the line number is 0 or omitted (but not the comma), the next line is overwritten. If the supplied text is longer than the overwritten line, trailing characters are ignored. Thus, overwrite cannot change the number of characters in a line.
- Dm,n            Delete lines m through n, inclusive. If n is less than m or omitted, just line m is deleted. If m is 0 or omitted, deletion begins at the next line.
- Im              Open file to just before line m, and enter Insertion mode. The following text is inserted in the file at that point. Escape to command mode by typing a null line, i.e., just a carriage return. If m is 0 or omitted, insert text at current file opening.

- Cm** Open file to just before line m and insert Cards from card reader at that point. If m is 0 or omitted, insert cards at current file opening.
- Mm,file** Open file to just before line m and Merge (insert) the file named in the second argument. If m is 0 or omitted, Merge a current file opening.
- Rm,n,k** Repeat (copy) lines m through n just before line k. If n is less than m, just line m is repeated. If a Repeat command is followed immediately by Dm,n, the effect is a Move, i.e., the original copy of the repeated lines is deleted.
- Note on line numbering:** The P and O commands position the file and close it if it is open. The D, I, C, and M commands position the file and open it if it is closed. The R command first closes the file, then opens it. Closing or opening the file causes it to be "rewound", and hence the lines are renumbered (if any have been inserted or deleted). The file is also rewound if a D, I, C, or M command follows another such command and the second one refers to a lower line number than the first. It is necessary to keep this renumbering strategy in mind to avoid surprises.
- Nm** Set line numbering option for Print command:  
 0 - No numbers.  
 1 - Numbering on.  
 Normal mode is Numbering on.
- Bm** Set Binary print option. A file may contain binary card images. In the normal mode (m=0), only the first column is printed. In the full mode (m=1), the entire card image is printed. In either case, the card image is the back of the card, turned so that column 1 is at the top (hence, 12-edge on the left, 9-edge on the right). Each unpunched position is represented by ".", each punch is represented by "0".
- L** List all files in user's directory.

Tcm, ...,n      Set up tabs. The character c is defined as the tab character. The numerical arguments m, ...,n are the tab stop columns. The tab stops must be given in numerically increasing order. The maximum number of tab stops currently is 6. The old tab character and settings (if any) are overwritten. All tabs are erased if the command is null (T followed immediately by carriage return).

=file            The named file is attached to the text editor, and any previously attached file is detached.

+file            A new file is defined and attached, and any previously attached file is detached.

!file            The named file is deleted; also, any previously attached file is detached.

X                Escape to System Executive.

null             (Just a carriage return is typed.) The current menu is typed out for ready reference.