

MODIFIED WORDPROCESSOR

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The modified wordprocessor is based on the existing DAINamic wordprocessor WP4, but modified for faster saving and loading and for handling an Epson MX-80/82 printer via control characters.

The 'heart' of the wordprocessor is an array F, which contains all the text. This array is made identical to the edit-buffer to enable easy access to the array contents for modification. To enable dimensioning of this array, the program asks for the number of text-lines required. This is based on 80 characters on a line. Further arrays used are A (contains the machine language routines) and T (for the printer tab positions).

After starting the program, and after giving the number of lines required, the program asks for input from keyboard or from tape. The ML routines are loaded from data statements into the array A. When in input mode, the editbuffer is set-up, and inputs can be made as normally into the editbuffer. When finished, typing the 'power' key finishes inputs and let the program return to the menu. The menu has 4 possibilities: continu (C), kill all inputs (K), print (P) and save on tape (S). The program always returns to this menu.

When saving the text to tape, the number of lines typed in in the beginning is stored in the program name. That enables finding back the originally used array-length via a CHECK. The editpointer for the used buffer memory is stored at the end of the array F. After loading, it is used to restore this editbuffer pointer. Saving without a filename is not possible.

The printer routines are especially for the Epson MX-80/82 printers, but could be adapted for other printers after a close examination of the routines used.

The printer menu asks for several options to be specified:

Number of print-outs required (default: 1)

Number of lines/page (default 66)

Condensed characters (default 'no')

Emphasized characters (default 'no')

Page numbering (default 'no')

Tab setting (default 5,10,15,20,25,30,35,40,45,50)

When required, the default values can be changed in lines 300-330 of the program.

The tab-function of the printer can be used by typing the tab-key in the input mode at the position where a jump to the next column is required. When making print-outs, this TAB command is executed by the printer.

As a special option, on the left side of the screen the position of the cursor on the current line and the number of the current line is indicated.