

June 15, 1964

CTSS BULLETIN 32

The following changes have been made to MEMO, MODIFY, and DITTO, and will go into effect Wednesday, June 17.

The changes are listed below. Some are corrections of bugs; others are revisions that have been requested.

All memoes written with the previous version of MEMO and MODIFY may be used with this version of MODIFY and DITTO.

1. If the line typed is too long (more than 120 characters), it will be truncated. Deletion characters and characters deleted by them are included in the count of 120.
2. Once an erase mark is defined for a certain memo, it will continue to be in effect for that memo and modified versions of it, unless it is changed.
3. In manual mode, if the first character typed is not the line number, an error message will be typed and the line will be deleted.
4. If a number is not specified with the .space control word, no spacing will result. This is a correction of a bug, where spacing of one line resulted when no number was specified. This spacing was not counted in the line count and caused longer pages.
5. The .delete control word has been revised to allow the user to delete a group of lines. If the second number, larger than the first, is specified, all lines will be deleted beginning with the first number specified, and ending with the second number. If either number, or neither, is found, but there are some lines between the two numbers, these will be deleted.
6. For both .edit from (.ed) and .edit preprint (.ep) control words if the first line number specified is not found, the next larger will be printed.
7. MEMO and MODIFY now actually omit deleted and omitted lines before filling the memo. Previously the old lines were left in the file buffer and bypassed.

8. The .edit preprint (.ep) control word has been revised in the following manner:
- (a) When just one line number is specified, only one line will be printed--either the line specified or the next larger.
 - (b) When two line numbers are specified, lines printed will be those beginning with the first specified, or the next larger if the first is not found, and ending with the second line number specified.
9. The .header (.he) control word has been revised to allow the user to specify page number with which to begin paging and also page total. Page total may be omitted.
- (a) .header (or he) HEADLINE

This works the same as before, with page numbering beginning at 001 and the total stored by the DITTO program.
 - (b) .he .XXX .YYY HEADLINE

The numbers XXX and YYY must be 3 digit numbers. Page numbering will begin with the XXX and total will be YYY. If YYY is 000, the DITTO program will compute and store the total.
 - (c) .he .XXX HEADLINE

Page numbering will begin with XXX. No total will be printed.