

Hi, Gene!

**** CHANGES IN JPC ROM ****

The enclosed JPC ROM has been greatly modified by Rodger Rosenbaum. He removed all the known bugs (and many unknown bugs), and added much functionality to it. Here are the changes, as best I can remember:

- (1) ARR (arrangements) has been renamed to PERM (permutations).
- (2) PPCM (?) has been renamed to LCM (least common multiple).
- (3) PGCD (?) has been renamed to GCD (greatest common divisor).
- (4) LEX ON and LEX OFF have been renamed to LXON and LXOFF to prevent conflicts with other commonly-used lexfiles.
- (5) Textfiles can be listed directly.
- (6) PRIM(1)=1. (bugfix)
- (7) PRINTER IS NULL doesn't crash (bugfix).
- (8) In KA, the meaning of "." at the end of a search line has been switched in meaning. Now all searches are generic by default, and if you want a particular search, type a "." at the end of the line.
- (9) DBLIST and PBLIST default indentation: changed from 0 to 2.
- (10) FIND used to occasionally stop at lines that did not contain the target string. It works correctly now.
- (11) EDIT TO has been debugged.
- (12) CENTER\$ does RED\$ first (bugfix).
- (13) DDIR and PDIR scroll properly in the LCD (bugfix).
- (14) SYSEEDIT stays in disassemble mode when pressing +, -, *, /, etc.
- (15) SYSEEDIT now remembers the current address when it exits, allowing you to continue later by invoking it without an address.
- (16) The SCROLL and MSG\$ commands (usually used from the KEYWAIT lexfile) have been added to JPCLEX.
- (17) PEEK\$ and POKE have been deleted from JPCLEX (they exist elsewhere in the ROM already).
- (18) The ROM also contains (besides JPCLEX), MYSUBS (my collection of favorite subprograms, as written up in the CHHU Chronicle); HLPLEX (type HELPF HLPLEX to see its contents and see it in action), FACTORLX (faster than PRIM), and NIBBLEX (collection of improved versions of PEEK\$, as written up in the CHHU Chronicle).

If you have any questions, please holler.

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