

PROJECTS RELATED TO COMMAND PROCESSOR 5/5/71

- I) Errors will be interpreted and fancy messages printed.
- II) Error structure in CMMD will be modified to generate error class and number. These will be interpreted as by I) to print such messages as 'bad syntax' .
- III) COPYBDFIDE will be modified to use a map change action so as to save 1 octal k.
- IV) A File command will be implemented.
- V) SUBPROCESS calls on cmmd will be provided:
 - A) SPACE like current space command. will print waiting messages. Will reflect other errors back to calling subprocess.
 - B) Given scan list and text name (names?) will evaluate the name using given scan list as implied scan list. Returns the object so obtained to calling subprocess. Errors such as 'bad syntax' reflected back to caller.
 - C) Allows user to type to tty a text name. Evaluates using standard scan list as implied scan list. Returns resulting object to caller. errors such as 'bad syntax' will be typed. Control shift P will be reflected back to caller. (This last goes for all subprocess calls on cmmd.)
- VI) Changes to subprocess descriptor. (BEADS code)
 - A) Word #0, upper 30 bits.
 - if 0, same as now.
 - if gtr 0, operation constructed will contain a block capability param of that count. In cmmd, all params will be evaluated to objects and passed in the block param.
 - B) Word #1,
 - swap ecs request in upper 30 bits
 - fixed ecs request in lower 30 bitsThese requests will be ignored if space of the given or higher type already obtained.
 - C) Implement Pauls subprocess descriptor object. Use my specifications of Feb 24, 1971. Old style, as just a file will also be retained.
- VII) Turn off echo in line collector on request.