

SPECIAL KUG BULLETIN #2

Offered as a special service to Kaypro users from the Word Processing Users' Group, Inc.

Box 100

With due respect to Lew Diehl's informative article, "Should You Upgrade to Kaypro 1?" in the Nov-Dec 1986 issue of KUGRAM, current Kaypro II users should consider the following before (or after) purchasing a Kaypro 1.

1) There is no known customized procedure for the integration of a ZCPR by Richard Conn, et al, into the Kaypro 1's CP/M 2.2u1 CCP. If the operator cannot live without it, his only recourse is to develop his own integration procedure by following the outline in Rick Conn's twenty-page ZCPR manual (ZCPR.MAN). Whew!

2) The Kaypro 1 is packaged only with CP/M 2.2u1, Perfect Writer 1.2, WordStar 3.3 and related manuals. These work fine for word processing, as does Perfect Calc 1.08 and its spreadsheets after their transfer to DSDD formatted disks. But not so for the Perfect Filer 1.0 or 1.2 specifically for a Kaypro CP/M version 2.2G which is on a DSDD disk complete with both Individual and Organizational Data Base formats (and which will recognize data bases prepared on the Kaypro II).

The CP/M Stuff article in the Jan-Feb '87 issue regarding user areas has been long awaited and much appreciated. However, it might have mentioned ABUSER.COM, a small (2K) program by Eric Gans, which "allows one to change the user numbers of files without copying them from one user area to another." This program and its DOC file are included in Professor Gans' masterful compilation titled EGUTIL41.LBR, and subsequent versions.

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The installation program for WordStar that came with my Kaypro 2000 allows for changes in default settings for everything of importance to me except the pause for paper change while printing. Does anyone know the location to change in the program for this function?

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Re page 16 of Vol. 5, no. 1, Irv Block's suggestion to use a carpet: If the carpet is deep enough to damp the vibrations, it is likely to block the vents on the bottom of the computer housing and cause overheating problems. It is vital that air be allowed to convect through the bottom.

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Does anyone know a way to patch MBasic to default to WIDTH 255 instead of 80 (to eliminate those blank lines splitting long MBasic lines?

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In the Nov-Dec 1986 issue of KUGRAM, Jerome L. Ruderman asks for an easy way to prevent Perfect Calc (on a Kaypro II) from giving an extra page feed after it prints a file. I prevented the extra page feed on my Kaypro II and C. Itoh 8510 printer by inserting the DESELECT code as the printer deinitialization string in the PCCONFIG file.

CODE TABLE FOR C. ITOH:

FUNCTION	ASCII CHARACTER	KEYBOARD	SCREEN
SELECT	DC1, Device Control 1	<CTR>Q	^Q
DESELECT	DC3, Device Control 3	<CTR>S	^S

These codes should work for most printers using standard ASCII codes, but you should check your printer's manual and use the SELECT and DESELECT codes specified for your printer.

PROCEDURE FOR C. ITOH PRINTER:

Put Perfect Calc program disk in drive A. Disk must contain at least PCCONFIG.COM, PC.COM and PC.OVL.

Type: PCCONFIG <CR> to call up the configuration program.

When first message appears, type <CR> to continue.

When "Main Menu" appears, type 2<CR> to select "Configure Printer."

When "Current Printer Configuration" appears, type 3<CR> to select "Printer deinitialization string."

When asked to provide the deinitialization string, type <CTRL>S<CR>, which will appear on the screen as ^S.

Type 2<CR> to select "Printer initialization string."

When asked to provide the initialization string, type <CTRL>Q, which will appear on the screen as ^Q. Add code for character spacing, if desired.

Return to main menu, and type 4<CR> to update (write) the PC.OVL file.

Exit configuration program.

When printing a spreadsheet using the PC disk so configured, the printer will switch from the SELECT state to the DESELECT state after printing the last page of the file, thus avoiding the unwanted extra page. The DC1 code inserted in the initialization string should return the printer to the SELECT state, but in my system it does not, so I manually switch the printer to the SELECT state before printing the next file.

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In response to the letter from Mr. Jerome Ruderman in the Nov-Dec 1986 issue of KUGRAM regarding the extra page feed built into Perfect Calc using a Kaypro II: I too was annoyed, but feel that I have corrected the situation.

I use a Gemini10X printer and found that by inserting a Ctrl-S [DC3, which deselects printer] for the deinitialization string in the configuration program (PCCONFIG) of Perfect Calc, the feed will only be to the end of the current form. However, in order to reactivate the printer it is necessary to insert a Ctrl-Q [DC1, which selects printer] at the beginning of the initialization string in the configuration program.

If you are using other than a Gemini10X, it is more than likely that you will have to refer to your printer's manual in order to determine the codes for placing the printer off and on line.

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Start Your Own Library!

I would like to introduce you to LIBRARY UTILITY (LU.COM), a CP/M Public Domain program that enables you to combine several related files into one disk file with several subdivisions. On my Double-Sided Disk, the smallest any file can be is 2K. A lot of small files can eat up your disk space in a hurry. Putting all your small files into a library will free up disk and directory space, since CP/M sees the whole library as one file. Good for archives and correspondence.

I use LU to store issues of our User Group Newsletter, of which I am the editor. I keep one or more pages in a file for printing. I squeeze each page or section, then open a library (e.g., NEWS4), then squeeze the library. On a 10-page issue, the individual articles totaled 58K; the squeezed articles 40K, and the library with the squeezed files was 36K. (It happened that the library was so compact it could not be squeezed further. Sometimes you can gain 2K or so if you do not squeeze the separate articles first -- this depends on the size of the original files and the space for the squeeze algorithm.)

Command Syntax for LU:

LU -o LIBNAME -e FILE.EXT -a FILE.EXT -n NEWNAME.EXT=OLDNAME.EXT -d TRSHFILE.OLD -r [-c], where each switch (operator) begins with a hyphen, and the switches are:

- o(open the old library or start a new one)
 - e(xtract a file by copying it to the CP/M part of the disk)
 - a(dd a file to the library)
 - n(ame a file, actually RENAME)
 - d(DELETE a file from the library, actually MARK for deletion)
 - r(eorganize the library by erasing "deleted" files, etc.)
 - c(lose the library -- automatic after most operations)
- You can also get help with the -h switch. This is new in Version 3.1.
There is also a "manual" in the form of a DOC file.

You must o(pen) a library before you can perform any operations on it. You can allocate the number of places you expect to need for files, in answer to the prompt at opening (creating) time or r(eorganizing) time. Commands can be entered in sequence just as in my example, or one at a time in interactive mode. Enter interactive mode by typing just LU<CR>. Then it will stay loaded and you can give it one command at a time. LU will echo the last operation switch with its prompt. If the switch is unchanged, you do not have to enter it again. If you change it, enter the new switch, preceded by a hyphen.

Example:

```
A0>LU<cr>
-? 0/A:>-o utilities<cr>
-o 0/A:>-a ns.doc<cr>
-a 0/A:>unerase.doc<cr>
-a 0/A:>-c<cr>
A>
```

An example of updating a program:

```
A>LU -o UTILITY -d NSWP205.COM -a NSWP207.COM -r<cr>
```

LSWEEP is used within a library as NEWSWEEP on CP/M directories. (But it will perform only a few limited operations.) LSWEEP will even properly type squeezed files onscreen, as well as squeeze or unsqueeze, and when extracting a squeezed file, it will unsqueeze it. I believe NULU (New Library Utility) combines LU and LSWEEP, but I do not have it.) LRUN will reach into a library and run a program.

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[Editor's note: NULU is on KUG Disk #164.]

Tip for dBase II Users

Ashton-Tate has an update policy for v.2.41 and earlier users, which will replace 2.41 with 2.43, free if purchased after April 1, 1985, and for reasonable charges for earlier versions and purchase dates. The qualifier is "subject to format availability," and I've written to see if Kaypro II format is available. Contact: Ashton-Tate Customer Service, dBase II Update, 20101 Hamilton Ave, Torrance CA 90502-1319, (213) 329-1664. Also available: dBase II ver. 2.41 Reference Notes (11/01/84) -- 19 pages of "anomalies" (I think that means BUGS!), which I found most enlightening. Explained many of the "now why didn't that work?" I've run into, as well as ways to work around them.

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Tip for ReportStar Users

Here is a hint other members might find helpful: In running a report with ReportStar, the ReportStar program accesses one or more DEFinition files created by DataStar. Apparently (and I gather this by observation) these DEFinition files become a permanent part of the .RPT file, although there may be some other mechanism. But leaving the theory and becoming more practical, at times it becomes necessary to make a change in the DEFinition file using FORMGEN. I've found that if I don't force ReportStar to look for the new version of the DEFinition file, it will still remember the old version. For example, suppose I have not given names to the fields in the DEF file. When the ReportStar form accesses these fields in its own field definition, it will of course not find any names and will not put anything beside the field number you enter. But suppose at a later time I go into FORMGEN and give all the fields names. (This, by the way, is a good idea because it is the only way you can use DataStar fields in a logical expression under "Include if" in a ReportStar File Definition. You must use DataStar field names. If you use numbers, ReportStar interprets them to mean ReportStar field numbers, rather than DataStar field numbers.) If you now go into the ReportStar form file, you will find that ReportStar doesn't realize you added names.

An easy way to remedy this is the following:

1. Go into File Description and locate the file listing under consideration. You will see the file number and the file name. (This is now the DataStar Definition file.)
2. With Ctrl-G delete the first character of the file name.
3. Hit return. ReportStar will give you a message telling you that it can't find the new file name. (Of course not; it doesn't exist.)
4. Hit return again, thus taking you back to the file number again. Another return moves you to the right to the file name.
5. Now make space for one character using Ctrl-V. Then re-enter the character you deleted in Step 2, followed by return. ReportStar is not forced to look for and find the new version of the DEFinition file.

In some cases this may be of only minor importance, but I have had cases where a BDOS ERROR SELECT message appears in the process of trying to run a ReportStar report. One possible cause of this is aborting a report using the reset button. (Maybe everyone else knows that you shouldn't do that!) A power line cut during the running of a report can also cause it, and that presumably is not your fault. And there may be a variety of other reasons you get this particular error message when trying to run a ReportStar report. But for whatever cause, try this simple five-step procedure before you tear your hair out or even before you scrap all your work and start over again.

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