™ Tandy Corp. / Radio Shack Inc.
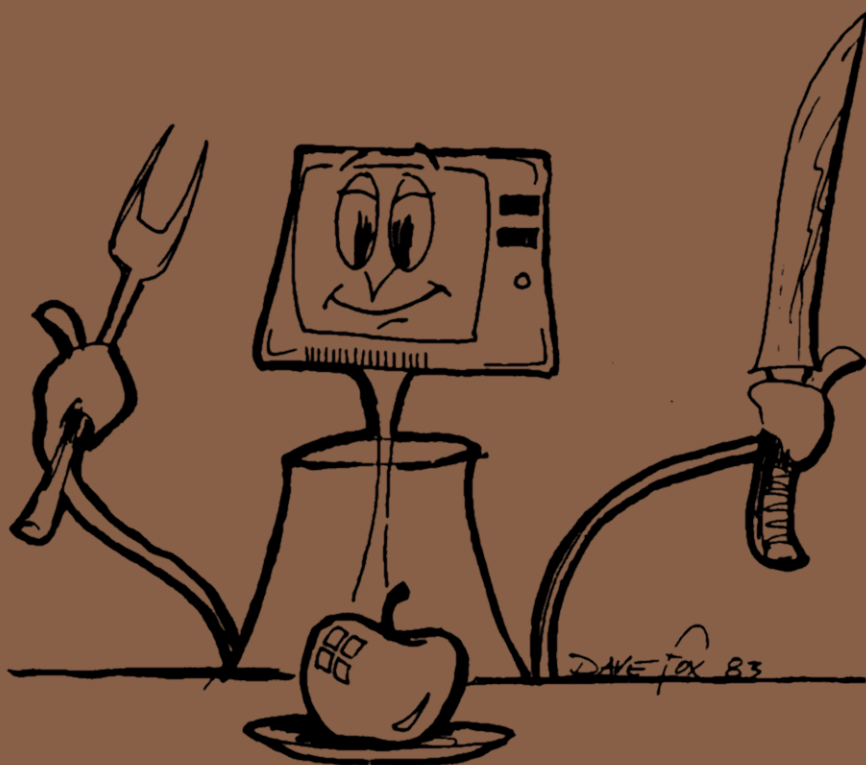
NOVEMBER 1983

Carving The Turkey...

Dave Fox 83

SOUTH BAY TRS-80 USERS GROUP

SBUG meetings are held the 3rd Tuesday of each month in the
north-east corner of Dysan's building at:

                                     5201 Patrick Henry Drive
    Time - 7:15 to 10:30 PM   Santa Clara, Ca

           November 15, December 20, January 17

Topic of the month:

            Election of a new steering committee...

    This   month   you   will   elect   SBUG's   new   steering
committee of 1984. Make sure to cast your vote.   Remember,
if you don't vote, then can't complain!!!

Also!!! Don't forget the SIG group that meets at Dysan the
first Wednesday of each month. (December 7th) The Model 100
is popular at this meeting. See you there!!!

===

MEMBERSHIP

If you   would like to become a member of SBUG and start
receiving our newsletter "Dynamic Memories" then send
$18.00 (check/money order) to the following address:

            South Bay TRS-80 User Group
            P.O. Box 60116
            Sunnyvale, Ca 94088

or come to one of our meetings. If you also wish to
communicate with our bulletin board system (SBUG-80) then
include an additional $25.00 for an account on the system.
You must be a member of SBUG to have an account on SBUG-80.
Please, include your address and phone number. Thanks . . .
===

Dynamic Memories was prepaired using
MAXPRINT from PEGGYTRONICS

Your Steering Committee

	Member	SBUG-80 Username	Phone
Discussion Leaders:			
	Mike McHenry	(MCHENRY)	(408) 245-4704
	Eric Brewer	(BREWER)	(408) 252-9332
	Sabri Kawash	(SABRI)	(408) 732-5484
Treasurer:			
	Larry Gunderson	(TREAS)	(408) 259-5349
Newsletter Editor:			
	Robert Byrd	(EDITOR)	(408) 732-6775
Librarians:			
(disc)	Gerry McKee	(GMCKEE)	(408) 926-4063
(tape)	Gary Dixon	(GDIXON)	(408) 262-6937
(doc.)	Bill Richerson		(408) 257-8267

Other key individuals

	Member	SBUG-80 Username	Phone
Cover Artist:			
	Dave Fox	(DAVEFOX)	(408) 374-5258
Public Relations:			
	Ron Carpenter	(RON)	(415) 726-3487
Host Computer:			
	SBUG-80	(EVERYONE)	(408) 737-SBUG
SBUG-80 Sysops:			
	Robert Byrd	(EDITOR)	(408) 732-6775
	Eric Brewer	(BREWER)	(408) 252-9332

If the need arises, feel free to give one of us a call.

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THE EDITOR'S TWO BITS

Would someone like to be editor of Dynamic Memories? I have enjoyed editing DM for more than two years, but I can no longer keep up with all the responsibility. For more than a year, I have heald two major positions, sysop and editor. It is time that someone step forward and take some of the load! Come on gang, someone can help... I will happily train our new editor for the position. If you want to become an expert at word processing now is your chance!

Rob...

W A S   I S T   D O S ? ? ?

By Ian Webb

Our user's group is pretty well standardized on the use of NEWDOS 80 for all machines. NEWDOS 80 is a great operating system. I enjoy using it and find it does nearly everything I could wish for it to do. However... Apparat is no longer supporting ANY Tandy machines if one believes the unofficial sources.

Apparently no announcements have been made about this since it might result in no further sales of NEWDOS 80 without drastic "fire sale" price reductions. It seems that the rumors are true judging by the wide variety of people who have provided information on this.

NEWDOS will always be usable, but what about new programs for the Model I, III or 4? Will they be compatible with NEWDOS 80? Will any patches be offered by Apparat? Not likely. The stories say that Apparat has disposed of ALL their Tandy equipment and are about to announce a DOS and support software packages for the IBM PC. You can be sure that any software that comes from Radio Shack will not be designed to be compatible with NEWDOS 80.

It seems as though we must consider either staying with NEWDOS 80 and using TRSDOS or another operating system on incompatible packages or choose to learn and use a new operating sytem. What are our choices of new operating systems? TRSDOS (ugh!) or LDOS.

If you have a Model 4 (or will be getting one), you are limited to LDOS 6.0 (TRSDOS 6.0) or DOSPLUS. LDOS is the only operating system sanctioned by Tandy and programs will surely be compatible with that operating system. Besides, for the Model 4, it is about $30, (cheap) if you buy the manual and dos diskette from Radio Shack directly or comes with the machine if you buy a Radio Shack assembled machine.

It seems that one would choose to stick with TRSDOS 6.0 (LDOS) as the Model 4 operating system. If this is the case, it seems reasonable to standardize on LDOS for both Model III mode operation and Model 4 operation. The two systems have some differences, but are quite similar.

What about LDOS? Is it any good? No matter what you think about Tandy and their business policies and practices, they would not have decided to use LDOS as an "official" operating sytem if it didn't have something going for it. (Or unless they got it for nothing!) LDOS is different from NEWDOS 80. It takes getting used to. You have to read the manual, which, unlike the NEWDOS

manual, can be understood with only a couple of readings instead of the 10 or 20 required for parts of the NEWDOS manual. I will admit that the literature direct from Logical Systems is better written and easier to understand than the "Shack" writing of the TRSDOS 6.0 manual.

I have been using LDOS on and off for the past couple of months. I am only now beginning to appreciate some of its features and see some of its shortcomings. It has some very handy directory options not given you by NEWDOS 80. It does JCL with lots more ability than does NEWDOS. It recognizes double and single density and you can read Model III LDOS diskettes on a Model 4 (and the other way around) without conversion. You can direct outputs and link devices and you can filter, changing characters and blocking others. To the advanced user, these features can be very useful. LDOS is able to do some things that NEWDOS doesn't. For example, the directory search from within VISICALC is available with the LDOS patch to VISICALC and not using NEWDOS. It is possible to use an official patch to LDOS 5.1 to allow you to issue a SYSTEM (FAST/SLOW) command to actuate the Model 4 clock speed in the Model III mode without another utility program.

On the negative side, LDOS does not have the wide array of utilities that come with NEWDOS 80. You have to buy them as extras. However, DISASSEM - probably others also - work with LDOS. When you use some of the features, such as MINIDOS or filtering, extra memory is used. Then when using VISICALC, for example, your spreadsheet maximum size is smaller. LDOS as implemented on the Model 4 seems to be slower than NEWDOS on the Model III. There are some annoying peculiarities such as hanging up on a drive with an improper diskette in it. The directory command seems to take a long time compared to NEWDOS. This may be due to the sorted directory that is produces and is not as noticeable on the Model III.

So there you have it. An argument for adopting LDOS for all work from here on out. Work in LDOS and leave those programs already patched and working on NEWDOS with that operating system, but don't worry about putting any new programs on NEWDOS and do any new personal programming on LDOS designing assembly routines to use the supervisory calls in LDOS. What do you think?

===

THE MODEL 100
A MUSICAL TOOL?

By Bill Ramsey

Owners of the Model 100 are accustomed to having others say "OK, its a neat gimmick, but what do you really plan to do with it?" Since this seems to be a subject of general interest, this month's column will deal with some specialized applications for the Mod 100, and hopefully will spark your interest in this marvelous tool.

Before I purchased my Mod 100, I overheard some salesmen in a local Computer Center discussing an exciting prospect, the sale of 2,000-15,000 Mod 100s to a national insurance company. The prospective buyer was intending to place a 100 in the hands of each of its insurance adjusters. When called on to settle a claim, the adjuster could find the appropriate cassette tape for the automobile make/type/model/year, etc., CLOAD this information into the 100, and immediately have a firm figure to give the customer on the amount that the company would pay on the claim. Besides this, the adjuster could place a call to the home office, (using the built-in modem) connect with the company's mainframe computer and request that a check be issued to the customer! The amount of "red tape" that most claimants have experienced when dealing with problems of this sort has caused the blood to run cold at the prospect of such a transaction before the advent of the Mod 100. What a joy to make a claim now! Don't, however, run right out and have an accident hoping that your insurance company will settle with the aid of the Mod 100. The company's name will not even be revealed to you in this column, for it must not be said that the economic changes in the underwriting world were in any way influenced by Dynamic Memories.

As a professor of music, I constantly use my Mod 100 in a variety of ways. It has served primarily as a word processor for me, allowing me to take notes or write papers which are later transferred to the Mod I, Mod III, or the IBM PC for more sophisticated formatting. It is frequently necessary for me to observe doctoral candidate student conductors and make comments based upon those observations. When doing this, I simply take my Mod 100 to the concert or rehearsal, take careful notes (my hand writing is nearly an encryption and can only be deciphered by me--sometimes!) and then give the typed comments to the student. Since using the 100, this has been far superior, more accurate, and quicker than my former method of writing in "long hand" my comments (many of which could not be read) which were made while the performance/rehearsal was in progress. When the notes were taken in this manner, it was impossible for me to keep my eye constantly on the conductor, since it was also necessary to look down at the paper to check and see

if my hand was in the right place on the page. I keep better notes---notes which are 100% readable, and notes which can be immediately given to the student. He/she could either read them on the spot from the computer's LCD, or could read the hard copy after the notes were printed.

As previously mentioned in an earlier column, I have been gathering information for many years for a large data base of music for voices and instruments (see PC World, Sept., 1983, page 272). This data base program would allow the user to select compositions based upon certain pre-determined characteristics (types and numbers of accompanying instruments, occasion, type and number of soloists, length, etc.) My former method of gathering the information for the data base, was to encode the material (by hand) and type it into the computer later. This permitted, and even encouraged, mistakes (both at the time of the encoding, as well as during the keying process.) With the Mod 100, it is now a greatly simplified process due to the elimination of the middle step. The Mod 100 can be carried into any library to gather the information directly.

In major colleges and universities, more and more students are arriving at lecture classes with lap computers to use for note taking. I remember being told, as a student, that the process of note taking was "where the notes of the professor were transferred from the professor's paper to the students' note pad without going through the mind of either!" We trust that times are changing. It can be safely assumed that in a very short period of time the portable computer will be as visible in the classroom as is the calculator. Universities are already providing facilities where information gathered on portable computers can be "dumped" either to printers or to mainframes for storage and text manipulation.

A unique application which my Mod 100 experienced recently was one which I would not have foreseen until necessity caused my unusual (and somewhat risky) use. In my profession it is obligatory that I put together information for printed programs. These programs are of vital importance for the listener and serve not only to inform the concert goer of the compositions to be performed, but also of the personnel involved in the concert. Often the conductor (and his/her assistants) becomes so involved in the production of the music that some of the other details are overlooked or are delayed in being made ready for the commercial printer in a specified format. It is always a problem to gather an accurate personnel list for the publicist. During the rush of this summer's schedule, I had failed to do this and was, as usual, late with my program materials. The problem was partially solved by carrying my trusty Mod 100 to rehearsal, passing it down the rows of performers and having each type in his/her name, together with voice

part/instrument listing. At the conclusion of the
rehearsal the data file which the Mod 100 created, was
coupled with a quick sort, and voila!, the list was ready
for the printer. Why was this risky? Getting back my Mod
100? No.... To my great surprise I found that I had
several famous members in my summer choir: Leland Stanford
Jr., Herbert Hoover, and St. Cecilia! Mr. Hoover claimed
to be a tenor!

Happy computing until next month.

===

SBUG-80 MAIL CORNER

<Message from MRCARR at SBUG-80 09/24/83 12:53:31>
RE: A NEW WORD PROCESSOR

       I SAW AN AD IN THE NOV "PERSONAL SOFTWARE" MAGAZINE
FOR A WORD PROCESSOR THAT WORKS WITH MODEL 4 TRSDOS 6.0.
IT,S CALLED "LE SCRIPT" AND COMES FROM ANITEK SOFTWARE
PRODUCTS. FEATURES: BUILT-IN FORM LETTER&MAIL-MERGE,
PORPORTIONAL-SPACE RIGHT-MARGIN JUSTIFICATION ON OVER 60
DIFFERENT PRINTERS, SAME EDITING AS ZORLOF II. CAN ANYONE
TELL ME ABOUT QUALITY OF ANITEK SOFTWARE? I WOULD
APPRECIATE ANY INFORMATION ON THIS ITEM.
                    THANKS
                    MRCARR

<Message from ROGERAND at SBUG-80 09/25/83 10:26:08>
RE: MODEL 100 DATA TRANSFER

       IN THE RECENT ISSUE OF PORTABLE 100 A LETTER FROM
GORDON WILLIAMS DEALS WITH THE ISSUE OF HIGH SPEED DATA
TRANSFER USING THE MODEL 100 TO HIS MODEL III. MODEM 80,
OMNITERM, AND STERM ALLOWED ONLY 600 BAUD OF THE 13
TERMINAL PROGRAMS HE HAS ONLY ONE CALLED TELCOM II WOULD
ALLOW MODEL 100 TO MODEL III OF 9600 BAUD.

       THE BOTTOM LINE IS THAT THE PROGRAM BEING USED IS THE
LIMITER OF THE MAXIMUM RATE OF TRANSFER.

<Message from MSILLS at SBUG-80 09/25/83 17:47:40>
RE: Visi Calc

Hi All!
       Has anyone used any of the Visi Calc program
utilities such as DATAGRAPH and Visi/Bridge/Sort? I have
read a reviews on these products, but prefer first hand
information.
Thanks in advance . . .
                    Mark Sills (MSILLS)

<Message from BILLRAM at SBUG-80 09/25/83 18:58:20>
RE: MOD 100 data transfer programs.

In spite of the info in the Sept. issue of Portable 100 regarding data transfer by Gordon Williams (page 9), I think that he must have been doing something wrong, for I have been using MODEM80 at 2400 BAUD for several months now.

It is true that I have not been able to transfer data at 9600 BAUD, but 2400 is quite fast! See you in the FAST LANE.

<Message from KURT   at SBUG-80   09/25/83 19:44:36>
RE: MODEL 100 DATA TRANSFERS - MODEL III

FOR ALL MOD 100 USERS THERE IS A PGM. ON COMPUSERVE IN THE MOD 100 SIG CALLED FILTRN THAT WILL ALLOW YOU TO XFER INFO TO A 100 FROM A 3 OR THE OTHER WAY AT 19,200 BAUD. USING TELCOM OR ANY TEXT OR BASIC PGM.
I HOPE TO GET THIS ONLINE WITH ROB'S (EDITOR) HELP IN A FEW DAYS.....CURT

<Message from MARV   at SBUG-80   09/28/83 20:11:48>
RE: MOD IV FAST/SLOW patch

I realize that most of our members use ND80 but in case there are some LDOS 5.1 users, you may find this mod useful. I have. Also, my thanks to Ian for the ND80 AND TRSDOS speed up /CMD files that he has uploaded to SBUG-80.

The following patches to SYS0/SYS AND SYS7/SYS will allow use of the SYSTEM (FAST/SLOW) command in older (before 03/16/83) LDOS 5.1 systems to utilize the MOD IV faster clock speed. If password checking is still active, "P3UF" should work for both SYSTEMS 0 & 7. The correctness of these patches may be checked on P 41 of the APR 83 LDOS Quarterly.
    Upgrades to LDOS 5.14 already have this mod installed.
SYS0/SYS
DOF.66=EC 78 21 10

SYS7/SYS
DOD.A2=21 10 42 CB F6
DOD.AE=21 10 42 CB B6 3A 10 42 D3 EC

                         Marv Wiley

Message from TMMCO   at SBUG-80   10/01/83 14:27:48>
RE: Anadex DP 8000 for Sale

I am selling a Anadex DP8000 printer with the following options:
    1. Parallel and Serial interface to 19.2K baud
    2. 120 CPS Bidirectional printing
    3. 2K Buffer
    4. Tractor feed
    5. commercial duty

   6. UPPER and lower case characters
PRICE----------------------------------> $200.00

If your interested please phone Ken at (408)274-1376

<Message from PHANTOM   at SBUG-80   10/01/83 19:16:15>
RE: 9600 BAUD with STERM
Hi all.
        Well I don't know if I am considered the silent
minority or the noisy minority. But anyways.... I thought
that it has been awhile since I have left a note ....so..

        First I saw someone left a note about not being able
to send at 9600 baud with MODEM80.

        I do it all the time between my TRS-80 and my LNW. I
also use STERM to load a 6800 SWTPC at 9600 baud. I have
never had any problems at the higher baud rates accept with
screen scroll. In double speed mode (CPU clock speed
=3.54mhz) There is minimal screen scroll loss.

        I have also been working with my 6800 computer and a
voice synthesizer (SC01). Does anyone have a program that
will convert text to phonemes? I know that someone at the
club said they had one but I don't remember who.
 I have been so busy .. so many projects to complete.
      So long for now see ya soon
                              PHANTOM   (alias Richard)

<Message from GMCKEE   at SBUG-80   10/01/83 20:52:33>
RE: GREEN AND AMBER SCREENS

        SOMEONE (I FORGOT WHO) WANTED AN AMBER SCREEN LAST
WEEK...I GOT IT...THEN COULDN'T FIND HIM!!! ANYHOW THEY ARE
IN...give me a call... same price
 $74.30 including tax...fob...
 GERRY (408) 926-4063 (ans machine...)

<Message from ROGERAND at SBUG-80   10/02/83 10:49:37>
RE: MODEL 100 RAM

HOLMES ENGINEERING IS OFFERING IM-100 RAMS FOR $75.00.
$70 EACH FOR TWO OR MORE.
     HOLMES ENGINEERING   INC.
     5175 GREEN PINE DRIVE
     MURRAY, UTAH 84107
        (801)261-5652

<Message from GMCKEE   at SBUG-80   10/03/83 22:44:16>
RE: H E L P >>>>>.....

NEEDED... data sheets/ instruction manuals/ any information
on the telephone modem by carterphone carterfone that is
model hmc -103 serial no 10092
has keypad pc rev d #913-055
has pc boards rev f1 913-051

and pc board rev a 913-066
leave message for gmckee or call (408) 926-4063

<Message from ROGERAND at SBUG-80 10/04/83 15:59:10>
RE: DFT FOR TAPE USERS

    I BOUGHT A BOOK TODAY ENTITLED "80MICRO'S REVIEW
GUIDE". ON PAGE 204 THEY REVUE TDS/DFT BY BIG SYSTEMS
SOFTWARE. TDS/DFT (TAPE DOWNLOADING SYSTEM AND DIRECT FILE
TRANSFER)
THE ADDRESS IS:
        BIG SYSTEM SOFTWARE
            27574 VIA ROSALIE
            MOUNT CLEMENS, MI.
                48043
$29.95 MODEL I $19.95 MODEL III $40.00 FOR BOTH
CONTACT THE MANUFACTURER FIRST PLEEEASE!
THIS HAS A 4 STAR RATING OUT OF A 5 STAR MAXIMUM.
REVUE IN 80MICRO JUNE/JULY 1982

<Message from BILLRAM at SBUG-80 10/05/83 23:42:57>
RE: SIG meeting

    The small interest group (mostly Mod 100 users) was
very stimulating this evening. Although the group was
somewhat small (about 15?) it was lively and much fun.
Thanks guys.

<Message from MSILLS   at SBUG-80 10/06/83 09:23:52>
RE: Apparat/Newdos

Hi All
    It looks like the rumor mill/grapevine is getting
active again! Let me make my contribution...

    My contact with Apprarat said that they will not be
developing a new system, and in fact will be developing a
system for the IBM-PC!

    If this is fact, then for how much longer can we
expect support for our favorite DOS? Is it time to look at
others, particularly the "official" Radio Shack LDOS?

    Seems to me we could have a SIG just for evaluation of
operating systems and make recommendations.
                    Mark Sills (MSILLS)

<Message from MSILLS   at SBUG-80 10/06/83 09:26:55>
RE: TRS-80/IBM Transfer

Hello Again,
    Some time ago inquiries were made here about a
program to transfer IBM programs to a TRS system or visa
versa.

I would like to talk to someone who has used that
program, or knows something about it.
     Thanks....
                          Mark Sills (MSILLS)

<Message from GDIXON   at SBUG-80   10/06/83 21:54:03>
RE: Model 1 for SALE

1. Radio Shack model 1 no numeric keypad 16k
2.   "   "   Expansion Interface   32k
3. Aerocomp Double Density Disk Controller
4. Two Percom 40 Track flippy disk drives
5. UPPER /lower Case Mod
6. Dos 3.4
7. Ldos 5.1.2
8. Newscript 7.0
9. Visicalc
10. 5 Game Disks
=============>$ 1000 or Best Offer <============
Work # (408)988-8000x2306   Home after 6:30 629-4294
          ask for   DENNIS MORGAN

<Message from IANWEBB at SBUG-80   10/07/83 19:02:18>
RE: M O D E L   4   S O F T W A R E

     The RS computer center in San Jose has Multiplan for
the Model 4 and regular Scripsit for the Model 4 in stock
now. The Multiplan doesn't appear to make use of the full
128 K of the machine, but allows MEMDISK, of course when
using TRSDOS 6. They expect CP/M any day now. Supposedly
CP/M WILL work on a 64K machine, contrary to reports from
others. It only has a 20+ K TPA however, so it severely
restricts the size of a program that can run. With 128K
that is apparently remedied. It may support 8" drives if
you have the proper controller. That didn't seem to be
known for sure, but supposedly some of the delay in getting
CP/M has been due to the change to a different disk
controller during the early times of the Model 4 production
run. (Some with the original Model III/II controller and
others with a newer version.) Strawflower had CP/M 2.2 in,
but had to send them all back for upgrades. They have had
numerous calls from as far away as New Mexico with people
asking about it. Pickles and Trout is apparently referring
questions about CP/M 2.2 to them. I have made contact with
the author of CP/M 2.2 who said he would demonstrate at a
meeting if we wished. I have sent messages to the board
members asking them if I should try to get him to come to
the next meeting.

<Message from IANWEBB at SBUG-80   10/08/83 18:20:51>
RE: W O R D S T A R   P R I N T E R   M O D

     A student in my class today asked about using an MX
type printer on the Model I and switching it to the Osborne
(which he bought for $300 NEW!, from someone who won it in a
raffle and didn't want it). He apparently has to reset the

internal switches each time he changes. Involves removing
the buffer board also to get to the switches. I assume he
has line feed/carriage return problems. Sounds like the
"Wordstar" mod to me. Anyone know which line is opened to
make it work without removing the case each time? He seems
to think he has the Epson Model I cable, not the Tandy one.

<Message from PHANTOM at SBUG-80   10/08/83 21:24:53>
RE: HELP FILE TYPES NEWDOS

HI ALL
     I have been asked by my boss to write a program to
sort a bunch of part numbers and descriptions. I thought
at first that this would be no sweat. BOY was I wrong!!!
I first discovered that I have no program that will handle
that many #'s. I also discovered that thier is so many
numbers that they will not all fit into memory all at
once. So I thought that I would write a program that would
write the info to disk. Then I started reading all about
MI MU MF FI FF. I all confused. Anybody got a job. I guess
I need is a good inventory program. Also is there any
books that explain the new file types MARK-FIXED ?
                         LOST IN NEWDOS80
                    Phantom - alias Richard
                              984-8779

<Message from ROGERAND at SBUG-80   10/09/83 11:57:48>
RE: IANS QUESTION

     HI IAN IF YOU HAVE A COPY OF PEGGYTRONICS "MAXPRINT"
NOT "MAXPRINTPLUS" THE INSTRUCTION BOOK TELLS HOW TO DEFEAT
THE EXTRA LINE FEED BY CUTTING A LEAD AND INSERTING A
SWITCH.

<Message from IANWEBB at SBUG-80   10/09/83 18:59:57>
RE: D A T A   F I L E S

     I don't know about all the special file types, but the
book Data File Programming for the TRS80 (believe that is
the correct name) is on sale at Saratoga Avenue Radio Shack
for $4.50 or $4.95 and is well worth it if you want to
learn data file programming. It is identical to a Wiley
book, Data File Programming for BASIC which sells for
$14.95 or $16.95. The examples in the NEWDOS manual should
be helpful, particularly the appendixes, if you have a
basic (no pun intended) grasp of the principles of data
file programming.
What about a program like ENB for the parts?

<Message from IANWEBB at SBUG-80   10/11/83 20:03:39>
RE: E P S O N   M X 8 0   !!! H E L P !!!

     A friend of mine (club member who checks in here
infrequently) has a burned out print head on his MX80.
Started with the ready light not coming on and then working
sometimes. Center pin in the head is out and some smoke

came from it when he used it last.

Epson in S.F. doesn't know who services, it in this area. Gave him two names in Monterey (he lives over the hill) and neither of them panned out.
WHERE DO YOU GO FOR EPSON SERVICE? MAYBE THEY NEVER NEED SERVICING?

<Message from TIHULK at SBUG-80 10/11/83 20:59:38>
RE: HELP NEEDED

I'VE GOT A DATAROYAL PRINTER, MODEL IPS5000-V, AND I'M HAVING PROBLEMS HOOKING IT UP TO A MODEL 1. IT SEEMS TO NOT BE HANDSHAKING PROPERLY WITH THE COMPUTER. THE PRINTER HAS A 512 CHARACTER BUFFER AND REQUIRES THE MONITORING OF THE AKNOWLEDGE AND BUSY LINES BY THE COMPUTER. I KNOW THE MODEL 1 DOES NOT HAVE AN AKNOWLEDGE INPUT ON THE PARALLEL PORT. HERE'S THE PROBLEM :

THE PRINTER IS MISSING CHARACTERS WHICH SEEMS TO BE BECAUSE OF THE LACK OF THE AKNOWLEDGE SIGNAL BEING MONITORED BY THE COMPUTER. AS SOON AS THE BUFFER GETS FULL, THE PRINTER STARTS TO MISS CHARACTERS. I MADE A CABLE INTERFACE TO 'OR' THE BUSY & AKNOWLEDGE SIGNALS TO THE BUSY INPUT ON THE INTERFACE PORT. BUT, IT SEEMED TO HAVE NO AFFECT.

CAN ANYONE HELP OR OFFER ANY SUGGESTIONS. MY C.ITOH PRINTER USES THE AKNOWLEDGE SIGNAL ALSO BUT I CAN IGNORE IT WITH NO PROBLEM, PROBABLY BECAUSE IT ONLY HAS A ONE LINE BUFFER.
                 YOUR HELP WOULD BE APPRECIATED.
                          TIHULK (JERRY)

<Message from IKE at SBUG-80 10/11/83 22:06:38>
RE: MICRO DESIGN MDX-5 AND MDX-6

IS ANYONE USING ONE OR BOTH OF THESE BOARDS IN EITHER A MOD I FRANKLY IVE GIVEN UP ON THEM EVER SENDING THE MANUALS. AS IN THE BOARDS I HAVE WE REPLACEMENTS FOR AN MDX-3 THAT WOULDN'T WORK. IF ANY ONE HAS THE MANUALS ON THE MDX-5 OR 6 I SURE COULD USE THEM.

<Message from ROGERAND at SBUG-80 10/12/83 15:13:44>
RE: MX80 SERVICE

HI IAN,
    BRUCE CARSO GAVE ME THE FOLLOWING ADDRESS AND PHONE FOR MX80 REPAIR.
        ABLE MICR COMPUTER SUPPLY
        308 S. ABEL STREET
        MILPITAS, CAL. 95035
        (408) 262-0774

<Message from IANWEBB at SBUG-80 10/13/83 14:44:20>
RE: E P S O N   R E P A I R

I talked on the phone with ABLE Micro Computer and they ARE the authorized EPSON repair center.

Their charge is $30 for a checkout which will be applied to any repair work that is done. The woman said she imagined parts could be purchased. Suggested calling and talking with the tech in that event.
My friend says THANKS FOR THE INFORMATION!
IAN

<Message from JIBBYTRM at SBUG-80   10/15/83 15:50:56>
RE: Model 100 info

Hello Gang
    I have just come from a trip back east in the boston area. If you look thru your issue of 80Micro you will see an add by Bodex for Radio SHACK EQUIPMENT. I bought my own Mod 100 from them. The price of a 24K system was $799 and there was no tax involved. He discounts all Radio Shack stuff and he has the lowest prices in the United States.

    Does anyone know where one can purchase the additional 8K for the Mod 100 for less than $75 yet ??? Have any of you Mod 100 folks heard of anyone designing a bank switching add on and software package to run it ??

    If you all read the article in the back of 80Micro on where RS is going in the future of portables you may want to look into bank switching in order to keep your Mod 100 from being obsolete. Radio Shack would not confirm or deny that they were working on a 8088 version of the Mod 100 in a smaller package with a 16 x 80 screen.
                    Thats all Folks
                    Jibbytrm

<Message from EDITOR   at SBUG-80   10/15/83 20:08:44>
RE: Model I for sale...

Complete Model I -- 3 disk drives
                    dot matrix printer with stand
                    computer desk (Radio Schack)
                    some software
    $2000/offer   Call Darold Coffey
                    (209) 275-4716

Message from EDITOR   at SBUG-80   10/16/83 11:03:40>
RE: Model I for sale...

Complete Model I - CP/M
                 RS-232
                 3 disk drives & cassett
                 Centronics printer LP1
                 some software - books
                 will deliver
    Contack - Mike Jacob (209) 486-3168

$1250/offer

<Message from ROGERAND at SBUG-80 10/19/83 16:51:10>
RE: CP/M AND RS232

     DOES ANYONE THAT HAS A MODEL I AND THE OMIKRON MAPPER
KNOW HOW TO MAKE THE OPTIONS PROGRAM WORK. I WOULD LIKE TO
USE THE RS232 IN PLACE OF THE KEYBOARD. IN THE OPTIONS
PROGRAM THERE IS AN OPTION :
     CALL RS232 IN PLACE OF KEYBOARD
   IT SEEMS TO MAKE NO DIFFERENCE WETHER I ANSWER YES OR
NO TO THIS OPTION.
     ROGERAND 732-4307

<Message from JIBBYTRM at SBUG-80 10/21/83 20:24:04>
RE: Model 100 to Model I problems

Help I think !!!!
     Has anyone with a Model 100 experienced a problem
transferring a program back from their Model 1 or 3 to
their Mod 100 and received the program but found that the
CR were missing and in their place were +/- (8D code)
????????????
     Also has anyone experienced double keyins on Modem and
RS-232 operation ????
     Just to review. A null modem addapter is just a cable
with pins 2 and 3 swapped at one end ????
          If you have experienced these strange occurrences
on your Model 100, please drop a line to your friendly BBS.
I'm sure this is either a very simple problem or the Mod
100 went south for the winter!!!
     It does sound like the double keystroke is an echo
problem. I made a null cable by just reversing the 2 and 3
lines. Is there more to it ???
     By the way, I have difficulty in making the ON TIME$
work.   When I run the program it falls right thru to the
gosub that should occur only after I reach the right time

                    Thanks for the Help
                    Model 100 Jibbytrm

<Message from DICKALLE at SBUG-80 10/22/83 09:54:47>
RE: DISK DRIVE PART

     HELP! THE LATCH DOOR ON ONE OF MY SHUGART 35 TRACK
SA400 DRIVES BROKE.   DOES ANYONE KNOW WHERE I COULD GET A
REPLACEMENT LATCH DOOR? IT SEEMS A SHAME TO JUNK A WORKING
DRIVE FOR LACK OF A LITTLE PLASTIC PART.
     THANKS,   DICKALLE (DICK ALLEN)
                    408-354-8190

<Message from GMCKEE at SBUG-80 10/22/83 12:00:29>
RE: PRINTS FOR MODEM???

     STILL NEED THE PROMISED PRINTS AND DOCUMENTATION FOR
THAT CARTERFONE MODEM ! ! ! ! ! !

HOW BOUT GETTING IT TO ME< SINCE YOU DIDNT BRING
TO THE MEETING!!!
GMCKEE (408) 926-4063

<Message from ROGERAND at SBUG-80   10/23/83 10:40:22>
RE: MODEL 100 ROM FUNCTIONS

      I JUST UPLOADED "ROM100/ONE" TO THE BOARD. THIS IS A
PARTIAL LIST OF THE MODEL 100 ROM FUNCTIONS AS PRESENTED BY
RADIO SHACK IN THERE PAMPHLET.
      MODEL 100 ROM FUNCTIONS
        (700-2245)
THIS   WAS A FREEBEE FROM "POPPA SHACK" THERE WAS NO
COPYRIGHT ON THE PAMPHLET.
THERE ARE APPROX. 7 MORE PAGES AND I TYPE SLOOOOOW.
SO HANG IN THERE FOR THE REST.

<Message from JCAMPBEL at SBUG-80   10/23/83 22:33:46>
RE: Downloading binary files from Compuserve.

      Hi, all. This is my first time on the board after
watching others for several months. I've just become aware
of all the good stuff available on Compuserve and
particularly from MNET-80. My question has to do with
downloading programs: Is there a commonly available pro-
gram to do this, or must I buy the Compuserve/Tandy VIDTEX
package? I have MODEM80 and COMM under TRSDOS 6.0 available
currently.
                        Many Thanks,
            Jim Campbell <JCAMPBEL>

<Message from ROGERAND at SBUG-80   10/23/83 23:37:33>
RE: MOD100 ROMS 2ND TXT

HI:
      I JUST UPLOADED ROM102/TXT THIS IS THE SECOND HALF OF
THE ROM FUNCTION TEXT. ONLY 4 PAGES TO GO ROGER ANDERSON

<Message from JIBBYTRM at SBUG-80   10/24/83 01:16:30>
RE: Other Mod 100 problems

Hello Again
        Has anyone used the Basic command in the mod 100 that
allows transferring a Basic file from another computer. In
particular I am talking about using the command "com:78n1e"
for uploading a basic file from another computer.
Everytime I use modem80 and the "com:xxxxx" command the
system goes to bed. Have any of you with Mod100's used
these Basic commands ??

      Has anyone gotten the ON TIME$ command to work ?? It
seems as though the RS Computer store on Bascom has no one
that understands their systems anymore.
      How about some answers Brewer or Billram or ???

                  Thanks

                  - 16 -

Jibbytrm

`<Message from IANWEBB  at SBUG-80  10/24/83 01:30:47>`
RE: APPLE PROGRAM TRANSFER

I have an Apple II diskette with a BASIC program on it
that I would rather not key into the Model III/IV. Does
anyone have an Apple from which they could transfer the
program to the BBS so I could then retrieve it? Lacking
that, anyone have capabilities of transferring from Apple
to RS via RS232 or otherwise?
Ian Webb (408) 867-9533

`<Message from PHANTOM  at SBUG-80  10/25/83 01:10:29>`
RE: REWARD FOR CURE OF RFI

HI ALL,
I WOULD BE WILLING TO PAY FOR A CURE OF
RFI PROBLEM WITH LNW-II OR MODEL 1 TRS-80.
ANY INFORMATION REGARDING RFI AND HOW TO ELIMINATE IT
WOULD BE APPRECIATED.
RF NOISE LEVEL = 10 * STRONGEST SIGNAL
ON THE RECIEVER BEING USED.

`<Message from ROGERAND at SBUG-80  10/25/83 05:49:02>`
RE: MODEL 100 ROM FUNCTIONS

FINAL INSTALLMENT.
I HAVE JUST UPLOADED "ROM103/TXT". THIS IS THE THIRD
AND FINAL SECTION OF THE ROM FUNCTIONS FOR THE MOD100.
THE FILES WERE PRODUCED WITH SCRIPSIT AND CAN BE MERGED
INTO ONE FILE USING SCRIPSIT.
ERROR: IN FILE ROM100/TXT "LLCD" SHOULD BE "LCD"
LET ME KNOW IF THIS HAS BEEN ANY HELP TO YOU.

`<Message from KURT     at SBUG-80  10/25/83 15:54:05>`
RE: JIBBYTRM

IF YOU USE THE "FILTRN" PGM LISTED IN THE PRIVATE MSG,
IT WILL DO WHAT YOU WANT AT 19,200 BAUD.
CURT SCHILD M100>>><<<MOD.3

`<Message from GLENN     at SBUG-80  10/26/83 01:45:36>`
RE: TRSDOS BUG

There is an undocumented restriction on the location
of the file control block (FCB) under TRSDOS. If you
are writing a routine that has to run under TRSDOS,
you MUST not set the himem pointer to an address lower
than the location of the FCB (the FCB can be in the same
memory page). If the FCB is located at an address higher
than the himem pointer page, an error message is returned
(error 38 I/O attempted on unopened file).
When I refer to a memory page, I am talking about the high
order byte of the himem address - for example: if you set
HIMEM to 0AF00H, the fcb can reside any where in the

range 05200H thru OOFFFFH if it starts anywhere from 0H00H
thru OFFFFh. the error is generated and the file is not
closed which means the directory will show it as an
empty file.

Glenn
'This error will not occur under NEWDOS/80.

⟨Message from GLENN   at SBUG-80   10/26/83 01:49:59⟩
RE: NEWDOS-80 SUPPORT

     I just had a conversation with a reliable   source in
Colorado who is a close friend of the author of NEWDOS80. I
was told the he no   longer has any TRS80 computers and that
NEWDOS80 will not be modified and no modifications will be
made to it. There will be no new ZAPS for it and no fixes
made to any problems that may arise.   Apparat is not
letting this be know since they are still selling NEWDOS80.
They are moving   into the IBM PC area and are developing an
operating system for it.

⟨Message from MSILLS   at SBUG-80   10/27/83 12:32:24⟩
RE: Help with Mail List

     I   maintain   a   mailing   list   for   a non-profit
organization, and have   been using the Radio Shack Disk
Mailing List software (Model   I version converted to Model
III) under NEWDOS80.   I   am unable to do all   the sorting
that I want to do (for reasons that I do not understand.)
I would like to be able to use another program, and have
been considering Profile III+ and others.   However, being
a lazy person, I really do not want to have to re-enter
the entire data base.   Therefore, I would like to be able
to transfer the existing files to whatever new software I
use. Does anyone have recommendations regarding software
and would there be a way in which I could transfer or
convert my existing data base to the new software without
reentering the data over again?
Thanks..........
          Mark Sills (MSILLS)

⟨Message from IANWEBB at SBUG-80   10/27/83 17:40:34⟩
RE: DATA BASE TRANSFER

     I use PROFILE III+ at school and have a data base with
800 records of 113 byte length. It takes about 2+ minutes
at fast clock speed to go through the whole list looking
for something that DOES NOT have an index for it under
Profile III+.   There are numerous sorts and selects
possible. I use a BASIC program to sort my entire data
base alphabetically so I can do a double alphabetization.
You should be able to do the same with any program that
keeps files in a form that you can figure out. It shouldn't
be too difficult to write a BASIC program to work with the
program you already have OR to use a BASIC program to
rewrite you files into a PROFILE III+ readable form.

FIRST CLASS MAIL