Pres-BJ Mathis   VP-Rod Stallard   Sec-Ed McCullough   Tres-Mike Doane

Newsletter Editor/Library Chmn-BJ Mathis   Cactus Patch SysOp - Tom Wills

Newsletter Librarian-W. Leonard Taffs   Disk Librarian-Richard Baron
Lending Librarians-Richard Baron & Dale Ussery

Blooper!

by BJ Mathis

Last month I edited Tom's article to add Larry Tippett's address. I didn't double check the address. So, of course, I got it wrong! If you are interested in The Spider's Guide to FunnelWeb Configuration by Larry Tippett, write to the following address:

Larry Tippett
5826 Buffalo St
Sanborn, NY 14132

March '93 - DOM

by Mike Doane

This month's Disk Of the Month is an easy one for me. It is the Altman Fairware List. BJ Mathis barely managed to archive it small enough to fit on a SS/SD disk, it takes up 358 sectors archived! BJ managed (with that fancy printer of hers) to print it out on 35 double-sided pages. Printed out normally it will take 68 pages, so I would highly recommend getting it in BJ's hardcopy version.

The "Altman Fairware List" is a compilation of "Faiware" programs originally started by Richard Altman. He collected programs and decided to create a library to benefit ALL T.I. users. This list has grown and the keeping of the list has been passed around. For the last several years it has been the SW99'ers responsibility. Ida McCargar handled the updating for several years, including part of this one. Maintenance and now updating is in the capable hands of BJ Mathis, with help from Richard Baron.

I don't know if you realize what a gold mine we have in this library. VERY few groups in the country have the access to a club library as extensive as ours. Look over the list for programs you want. Make a list and bring it (or mail your requests) to the meetings. Get the disk out of the library boxes (and pay that handsome treasurer, of course!) and

you have your wanted program in hand. Just ask someone from another user's group about THEIR ready access to disk libraries!

DOMs are available FREE to SW99ers attending the membership meeting each month. If you are unable to attend the meeting, members may buy DOMs for $1, either at a later meeting or by mail (no extra cost by mail). Non-members should send $2 for each DOM requested.

Cassettes are prepared each month for members with "cassette only" systems. The COMs are FREE to "cassette only" members who attend the membership meeting each month or for $1 as outlined above for DOMs.

Library Update

by BJ Mathis

"Well!" you say, "she hasn't even given us our new library listings and here she is giving us an update."

At Fest West '93 Ken Gilliland complemented us on the maintenance and updates of the Altman List. He checked thru the list to see what we had of his programs and passed on the following disks to us:

New Fairware

199. WAGNER'S TRISTAN UND ISOLDE - Ken Gilliland - Noted by some for the most passionate music ever written, this disk shows Wagner and Ken at their moodiest and best! Includes the Preludes to all three acts and Isolde' Liebestod. Requires two SSSD disks or equivalent.

367. WING QUEST - Darin Andrade - Adventure game of caves, monsters, magic spells, and more. Excellent graphics. RxBasic. Arc'd on one SSSD disk.

368. ARCADE - Darin Andrade - Several arcade action games. Written in Advanced Basic for the Geneve.

Feb '93 Money Report

Mike Doane, Treas, SW99ers

Description	Amounts	
Balance 01/22/93		$1141.08
INCOME:		
Memberships/Advert.	$187.50	
Library Sales	$110.00	
Ribbons/Disks	$36.00	
Equipment Sales	$110.00	
Misc.	$ 6.00	
SUBTOTAL Income		$449.50
PROCEEDS from FESTWEST'93		
Library sales	$71.00	
Equipment sales	$55.00	
Disks/ribbons/labels	$ 6.00	
Overlays	$32.00	
Consignments	$89.00	
FESTWEST Income		$253.00
TOTAL		$1843.58
EXPENSES:		
Sales tax (FestWest)	$14.88	
Consignments	$41.53	
Newsletter & Postage	$127.10	
Library costs (Altman lists)	$71.67	
Equipment purchases	$20.00	
Cactus Patch Support	$40.00	
Bank service charge	$8.19	
TOTAL EXPENSES		$323.42
Ending Balance 02/20/93		$1520.16

Before anyone decides to rejoice and plan ways to
spend the money we have accumulated, I must remind
you, I will be distributing checks at next month's
meeting to people we owe money. I will be clearing
up about $250 worth of liabilities. We will also be
having our SW 99'ers picnic and that needs some of
our funds also. We WILL be hosting FESTWEST 1994.
This is going to require a significant amount of
monies later on in the year for deposits,
advertising costs, mailings and more. REMEMBER!!!!
Your time is as good as money! Help us to make this
a FEST we will be proud of.

February SW99ers Minutes

Tuesday February 2, 1993

1. Al Armstrong conducted the Question & Answer
   period.

   Q. Is it possible to operate the MYARC and
   HORIZON Ramdisks in the same PE Box?

   A. Yes, but the HORIZON must be set at an
   address other than 1000.

2. Our Diskette Library is in need of several old
   suitcases in which to store the Master files as
   well as the Diskettes that are for sale to the
   membership.

3. Plato disks and module are available to be
   borrowed. Contact BJ Mathis if you are
   interested. We need a small suitcase that could
   hold the module, the documentation and 44
   diskettes.

4. The Comprodine catalog was passed around. Those
   wishing to order anything from them, were asked
   to get their order to BJ at the meeting.

5. It is time to start thinking about our income
   tax return preparation, and using Bill
   Chavanne's TI-TAX program. His Flyer was
   received in today's mail. The pricing structure
   is a bit different from last year. The 1040 or
   1040A is $5 and each supporting Schedule is $5
   each. Add $5 for shipping and handling.
   Contact Ed McCullough for a copy of the Flyer.

6. If you are interested in buying any of the "for
   sale" items listed in our Newsletter, please do
   it soon, as we will be taking most of it to
   FESTWEST to stock our Booth.

7. Executive Meeting is set for Feb 19 at 6:30pm.
   at Perkins on Grant. Newsletter items for March
   are due then also.

8. We have looked into moving our Bank Account to
   Davis Monthan Credit Union, where we can get a
   cost free account, as long as we keep a $500.00
   minimum. Also, our Group members would qualify
   to become members of the Credit Union. After a
   short discussion, a proposal was adopted to
   apply for membership in the DM Credit Union.

9. FESTWEST93 will be held in Salt Lake City, UT,
   on February 13-14. SW99ers will have a booth
   and will do the Registration. Anyone wishing to
   go, and is in need of a ride, contact Ed
   McCullough or BJ Mathis. If you have a "wish
   list" get it to Tom, Mike, Ed, Matt or BJ ASAP.

10. Demonstrations: Jack Mathis demoed Disk
    Utilities; BJ Mathis and Mike Doane demoed
    Multiplan.

Ed McCullough, Secretary

FestView

by Mike Doane

I had a thoroughly enjoyable time at FestWest '93.
It was hosted by the OTIUG (Ogden T.I. User's Group)
and the SLaVes (Salt Lake and Valley user's group, I
believe). All arrangements were handled in a VERY
professional, competent, and friendly manner. The
members of these two groups deserve some high praise
for the way they planned and conducted the entire
proceeding. I went to Salt Lake City with some
misgivings (if I wanted to be in cold country, I
would not have moved to Tucson) but I must admit,
the warmth of the hospitality exuded by these groups
more than made up for the frigid (to me anyway)
outdoor temperatures.

I want to extend a special thanks to JoAnn (I'm sure
that I am spelling her name wrong) Bragg for her
efforts in making the hospitality room a great place
to relax and enjoy conversation.

I don't want to make a big point about those vendors
that did not show but I feel they made a big

mistake. The Fest showed that while the T.I. community may be decreasing in size the people still involved are as dedicated as any other group I have ever known. Many new products which have been advertised did not show and in fact there was almost a cavalier attitude presented by some of the so-called "big" names of the T.I. community. You could have sent some of your products for a showing if nothing else. 'nuff said!

I want to thank the vendors and members who did come. Don and Tom Shorock came to simply see and share their knowledge. Tom (12 years old, mind you) shared with us his workings in "C" language. Don did not bring any new programs but came simply because he is involved with the T.I. . There must be some dedication involved when a guy drives from Kansas just to participate in the sharing of ideas.

Delbert, Darla, and Brouke Wright (D. Wright Stuff) came with a large selection of hardware for the T.I. They drove out from Indiana through a blizzard. Despite a rocky start to the Fest, they seemed to have a good time. Delbert demo'ed the installation of a "baby IBM" power supply into the T.I. expansion box. Darla kept everyone friendly with her good humor and Brouke captivated the hearts of everyone who met her.

Competition Computers from Wisconsin brought a huge supply of hardware, modules, software and literature. The men from Competition must "believe" if they hauled all that equipment from Wisconsin.

Berry Miller brought a ton of new stuff for the 9640. I did not talk to Berry very much as he was in conversation the whole time with other 9640 users (and we all know what rabid conversationalists they are) but he seemed to be doing well. His most talked about offering seemed to be a schematic of the 9640 itself. You could see those Geneve owners eyes glaze over at the thought of it.

Ken Gilliland brought a wide selection of software from his company, NOTUNG Software, and also from Comprodine and MS Express, two other companies he was representing. He was friendly and talkative and is genuinely involved with his company. I mention the "friendly and talkative" because in the past he has been not exactly the most vocal vendor at the Fests. He has never been unfriendly but it takes a little prodding to get him to converse.

(Gerald) D. Turner was there with his software line (he has taken over "The Printer's Apprentice" and it's associated programs"). He was never without company for long at his table. His company is known as "TR Software".

Regena (Cheryl Whitelaw) was there with her collection of programs and software. She and her husband went to dinner with us Sunday evening and then took Tom Wills and I on a little tour of down-town SLC. We are talking friendly people in the TI community!

The O.T.I.U.G. had a booth demonstrating the T.I. 99/4a and its components and also representing ASGARD products (lacking most obviously their newest products "First Draft" and the AMS memory card) and also David (I'll give you $38.50 tops for that HRD, last offer) DeHeer's new "Whatchamacallit" clock hardware for the Myarc HFDC card.

I do not mean to slight any one that I have left out but there are size restraints to the size article my editor will allow so I am going to wrap this up.

Barry Harmsen came from Europe and gave us a small presentation on the state of the T.I. in Europe. I am going to write him and see about getting an eighty column card from the German user's group. He demo'ed a speech emulator card that plugs into the P.E. box and combines TE-II with the speech synthesizer. VERY nice production work on this card. He was a pleasure to talk to as always and as usual a veritable font of ideas and information.

Once again I want to thank the hosts of FestWest '93 and all the vendors and attendees. We have a lot of work to do in order to maintain the high standards which were displayed by this fest.

Tom's Observations
by Tom Wills

Fest West '94
Another Fest West has come and gone. Fest West "North" '93 was hosted by a joint effort of the TI Slaves UG of Salt Lake City, Utah and the Ogden TI Users Group of Ogden, Utah.

Fest West '93, despite sparse attendance, was a very good Fest. Both host User Groups did a fine job of putting together a good show. The facilities were good, the hotel was excellent, and the vendors were the best. Those who didn't attend this years Fest missed a good one.

As I stated before, the attendance was low, but the enthusiasm was high. There was a good deal of time to be spent with the vendors, personalities, and old friends, in a very cordial atmosphere.

Some of the vendors present included Competition Computer of Milwaukee (Boy, did CC ever have the loads of TI stuff!!!), D. Wright Stuff, CADD Electronics, Berry Miller of 9640 News, Don and Tom Shorock, and more.

I must tip my hat to the organizers of this fest as they did as good a job as one could have wanted. It's too bad the attendance wasn't greater. It wasn't due to any lack of effort on the part of the Fest West '93 Committee, but apparently a lack of enthusiasm on the part of TIers (afraid of a little cold weather?).

At the end of Fest West '93, it was announced that Fest West '94 will be held in Tucson and will be hosted by the SouthWest Ninety Niners User Group. As everyone remembers, Fest West '90 was hosted by the SouthWest Ninety Niners also, and was probably one of the best TI Faires ever put on. The best Fest West for sure (do I sound a little biased here or what?).

With a little effort on the part of SW99UG members, Fest West '94 can be at least a great as Fest West '90, if not even better. The date has not been set for certain yet, and several possibilities are there for holding Fest West '94 on some weekend other than Presidents Day Weekend. Now that TICOFF is apparently history, we have March also available to us. The reason for March being a possibility is then the weather is acting more like the "Chamber of Commerce" type weather we like to brag about.

Cactus Patch has reserved a message base section exclusively for the discussion of Fest West '94. To be kept up to date on Fest West '94 activities, call

Cactus Patch at (602) 290-6277. The acceptable baud rates are 300, 1200 and 2400. The parity is 8N1. Cactus Patch is online 24 hours a day. All TIers are given instant access to all messages and files upon log on. If anyone has any questions about Cactus Patch or Fest West '94, leave Feedback or a message to one of the Sysops (Tom Wills, Mike Doane, or BJ Mathis).

Cactus Patch

For those of you who have called Cactus Patch lately, you have seen a bulletin regarding the Electronic Communications Privacy Act of 1986. As you can see, this is something that has been around for some time, but is just now starting to show up on various BBS systems. For those who haven't seen the bulletin, it is as follows:

"Pursuant to the ELECTRONIC COMMUNICATIONS PRIVACY ACT of 1986, 18 USC et. seq., notice is hereby given that there are NO facilities provided by this system for the sending or receiving of truly private or confidential electronic communications. All messages shall be deemed to be readily accessible to the Sysops. DO NOT use this system for any communication for which the sender intends only the sender and intended recipient of recipients to view."

What does this mean? Simple -- any message placed on Cactus Patch can, and will be reviewed by the Sysops for any inappropriate comments or content. The Sysops of Cactus Patch are NOT going to reveal any messages listed a Email (Private). However, if a message is deemed inappropriate, it will be deleted and the sender warned against sending such a message again. In the time that Cactus Patch has been running under the current "management", only a few such messages have been encountered. And as of last count, we are approaching a message count of almost 15000 messages. It must be noted that at any one time, there are only about 400 messages online.

Another privilege reserved by the Sysops is the right to move a message from the private category to a public category. This is done only after a complete review of the message and deciding the message can better be addressed if it is in the public sector. An example would be someone leaving a private message trying to sell something. Or a question about a hardware or programming problem. Making these messages public benefits everyone.
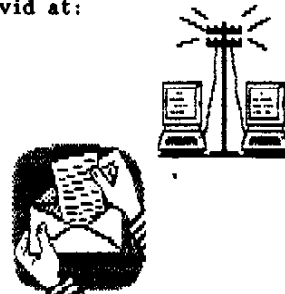
Rest assured a great deal of thought is given to the message, the person sending the message, and the recipient, before a message is moved into the public sector. To date, I have never received any criticism of such a move. This also bring up a subject which is voiced on Cactus Patch on a somewhat frequent basis, and that is the number of private messages. When leaving a message, don't automatically make it private. Consider if others might find your comments or question of interest. Remember, the more people who see a message, the more response there will be to it, and the greater the help that is available.

An update to Cactus Patch was made recently thanks to a development by David DeHeer of Ogden, Utah. David has developed a small card to replace the clock chip on the Myarc Hard and Floppy Disk Controller Card. As anyone who has a HFDCC running on a TI-99/4A knows, the clock is extremely inaccurate. This is annoying to all users of the HFDCC, but a major problem to those, such as David and myself, who run bulletin boards.

Dave developed a small card that when it replaces the the current clock chip, makes the clock on the HFDCC very accurate. Plus, it is battery backed up!!! Dave calls this product the Watchamacalit. He is asking $29.95 (+ $3 shipping and handling). For those of us who need reliability in their HFDCC's clock, this is a major improvement. I highly recommend that all users of the HFDCC on a TI-99/4A contact Dave and get a Watchamacalit. Dave can be reached by calling David at:

The Salt Flats BBS
[8N1] 24 hours
300/1200/2400
(801) 394-0064

or writing David at:
The Ogden TI Users Group
"Watchamacalit" Repair
1775 22nd Street
Ogden, Utah
84401-2112

One really great advantage to the Watchamacalit is the ability of Cactus Patch to reboot itself in the case of a power failure. This used to be impossible as the BBS required a correct time to run. Now Cactus Patch reboots itself and has the correct time. I have yet to reset the time in the several weeks since installing the Watchamacalit. And due to power glitches, Cactus Patch would have crashed several times without this product. But, each time Cactus Patch has rebooted itself and kept on running just as though nothing had ever happened. Thanks Dave, I really love the Watchamacalit!!!

A TI Virus?!

by BJ Mathis

In the January MICROpendium, Bill Gaskill reported on an I GOTCHA' virus that infected his system.

I remembered several years ago, when I received ROS 8.14. Ed Hallett looked through it with a sector editor. He told me not to install it on my Horizon RAM Disk. Ed found a place in the ROS that said I GOTCHA! So rather than take a chance, I stayed with ROS 7.38 until a few months ago.

Mike Doane was trying to do something with my system that always worked on his system. When Mike found out I was using still using ROS 7.38 and why, he told me Bud had found and corrected that problem with a later ROS, version 8.14b. We have since installed ROS 8.14b on my system.

We saw Bill Gaskill at Fest West '93. Many others had already suggested the cause and cure for his virus. Bill is planning to get an article into MICROpendium soon, explaining this. I wanted to go ahead and get the info out to anyone who may have read his article and didn't know the answer.

I am sure lucky to have people like Ed Hallett and Mike Doane taking care of me and my system. If you are still using ROS 7.38 or 8.14, get ahold of a copy of 8.14b right away! The added features of 8.14b are definitely nice to have, but not at the expense of having 8.14 trash something important.

MURPHY's LAW spares no one! It's happened again--this time a repetition of the law that if an idea works for you, and you type it up and submit it to a newsletter, it's not going to work for the reader who tries the idea! The newsletter accurately reproduced what was submitted. What was submitted did have flaws that did not show up when the author tried it. Mea Culpa! God knows, I tried. So anyway, here is the "fix" for the article on page 3 of our last newsletter (pertaining to the modification of READALL to access any disk). As a matter of fact, this is an even better shorter version for lines 130 through 140. The original came up with BAD ARGUMENT or some similar message when one entered certain keys. The following has worked without crashing no matter which key was depressed, so I dare list it now. (In the future, even if something works continually for me that I suggest, I will hold it before submitting it to the newsletter until I've tested every possibility--and then some)! As I have said before, I share, only too well, the chagrin, irritation, frustration, and disgust one can feel, after spending very valuable time trying something new that is "supposed" to work! (I should tally the number of programs I have copied--some of considerable length--from newsletters, only to find they did not work at all, or crashed just at the most interesting moment...)! The following changes will facilitate READALL reading any disk without resulting in "STR$ MISMATCH" or "BAD VALUE" error messages:

CHANGE line 132 to read:

132 IF E$="" THEN 130 ELSE 140

CHANGE line 134 to read:

134 EE=ASC(E$):: IF EE<65 OR EE>68 THEN 130

(Line 134 is for accessing disk drives called by letter number--enter the appropriate ASCII numbers for your drive numbers)

Changes accidentally left out of February's column pertained to READALL lines 450, 460, 470, and 480. CHANGE the OPEN #1:"DSK"&STR$(E)&"." to read:
450 "DSK"&E$&"."

The rest of each of these 4 lines remain as they were in READALL

Have received virtually no response to the idea I proposed some time ago that each newsletter have something in it for every one, include something for TI BASIC, something for EXTENDED BASIC, and some ADVANCED material for the pros (or those beyond EXTENDED BASIC interest). I cannot supply much ADVANCED material as I do not consider myself qualified. There seems to be ample such material in the newsletters I have had time to peruse. (I could almost say the majority of newsletters I have seen are over-balanced to this side). This column has not always included TI BASIC material either. The reason has been that no one has asked for it. There is no question that EXTENDED BASIC has so many more options in programming that those who use it would probably agree they prefer it. I would still like to see statistics on how many TI users use only TI BASIC as compared to how many work with EXTENDED

BASIC! An interesting question arises: How many things can you do in TI BASIC that you either cannot do at all, or easily, or quickly in EXTENDED BASIC?

If this column appears to favor EXTENDED BASIC, it is simply because I happen to work with it most of the time. If any of you TI BASIC people feel left out, please speak up! (or WRITE!). If you do, we will include more TI BASIC ideas.

Ready for a deep thought?...Here's one: "What we have already learned by factoring repetends as whole composite numbers, is that these cofactors of a reciprocal prime give that prime a unique identity just as the prime factors of a composite number give it the identity of a set of factors that is not duplicated in any other composite number." This is a quote from "Playing with Numbers" by Meredith Beyers in Computer Voice Jan 93 issue. That's just one sentence in a fine article. You, too, could be having fun finding these gems if you would ask to sign out some newsletters from our library...

Ever experiment with how to replace a letter in a given word? What made me think of this was running across a disk name that contained a period. Some disk catalogers will refuse to recognize a period in a diskname. I'm sure that good men like Jim Peterson, Earl Raguse, and other such pros have come up with very good ways to do this long ago. As I did not know where to look for this, I played around with this and came up with the following:

```
1 REM [!LENPERIOD] 2-3-93
100 A$="GR_5A.BX" :: CALL CL
EAR :: B$=SEG$(A$,1,10):: PR
INT "OLD NAME WAS: ";A$
110 C$="\" :: D$=SEG$(B$,1,(
POS(B$,".",1))):: E$=SEG$(D$
,(POS(B$,".",1)),4):: G$=E$
120 A2=LEN(D$)-1 :: A2$=SEG$
(D$,1,A2):: D2=LEN(D$):: A3$
=SEG$(A$,D2+1,10)
130 A$=A2$&C$&A3$ :: PRINT :
: PRINT "NEW NAME: ";A$
```

Variable A$ supplies the name that your cataloger would be reading. Variable, remember--if applying this to your cataloger, A$ can be any length up to 10 characters. (Try changing this variable to different names--it works with the period in any location). Variables B$ and C$ are optional. Variable B$ preserves A$ to enable screen comparison to final disk name after period has been removed. Variable C$ supplies another character to replace the period. (I prefer to keep disk names the same length for my cataloguing). The remaining variables take care of finding the period and dissecting the diskname, then putting the name back together with the new symbol to replace the period. It is not necessary to replace the period with another character as I have done--one could simply concatenate the remaining characters. As is, the above lines are a screen demo only. But the same principles can be applied to your cataloguing program by relating the appropriate variables to your cataloger's variables. If you are new at this and would like help applying it, just give me a call (602-795-4148) or write. If you write, please include a listing of your catalog program.

New FunnelWeb v5 Text Editor
described by Charles Good of Lima Ohio User Group
from 99'er News - Wise Co, IL

Tony McGovern has released a "completely rewritten from source code" Funnelweb version 5 80 column editor dated Dec 15, 1992. A similar 40 column version will follow soon. I have a beta test edition of the 40 column editor. These v5 editors are designed to run from the Funnelweb v4.4 environment. So far, the only "version 5" parts of Funnelweb are the text editors. They are fully multi-lingual and compare favorably with Asgard's new First Draft word processor. New features, added or revised since the v4.4 editor are summarized below.

How to Obtain this Software:
The 80 column v5 editor files are being sent by the Lima Ohio User Group to members and user groups on our mailing list thought to have 80 column systems. ANYONE, not just members, can obtain these and some supplementary files (extra help screens, demo text files, etc.) in DSSD unarchived format by sending 2 disks and a self addressed stamped return mailer to us. Also, WHEN they (soon) become available, we will send the 40 column editor files to ALL groups and members on our list. ANYONE can obtain the 40 column files by sending us 2 disks and a paid return mailer. No money is required, but a fairware donation directly to the author will be appreciated. Send requests to me at Lima Ohio User Group, PO Box 647, Vendocia OH 45894.

Help Screens & Multiple Files in Memory:
FIRST text in memory - the edit buffer:

SECOND text in memory - the help screens:
When the 80 column editor first boots it loads into memory up to four help screens. These can be viewed from the command line by pressing H(elp). Each screen is 26 lines by 80 columns and they pop up on screen immediately because they are already in VDP memory. The Program Editor loads one set of help screens relating to assembly language coding. The Word Processing editor loads another set of screens more appropriate for help with text editing and formatting. You can move back and forth from one help screen to another by pressing the Q and A keys. FCTN/9 returns you back to the edit buffer. Sets of useful help screens are provided, and the user can also create personalized help screens. A utility is provided to convert the first 26 lines of any DV80 file into an 80 column help screen. *The 40 column editor will have 28 line by 40 column help screens. An unlimited number of these screens can be loaded into memory one at a time from a disk by pressing H(elp) from the 40 column command line.*

THIRD text in memory - screen viewing:
As in the v4.4 text editor, one can do a S(how) D(irectory), move the cursor next to a DV80 file name, press a key, and display a screen of that file. Subsequent presses of the same key window down through the entire file. There is no limit to the size of the file that can be viewed one screen at a time in this manner. This file isn't really stored in memory, just displayed on screen.

FOURTH text in memory - the V(iew) buffer:
From S(how) D(irectory) you can put the cursor next to the name of a DV80 file, press CTRL/V and load the whole file (or any part of it) into 64K memory buffer for instant recall any time during the editing process. Once loaded into the V(iew) buffer the file can be scrolled one line at a time or

windowed up and down very rapidly. Pressing enter from within S(how) D(irectory) or V from the editor command line pops this text into view. This V(iew) buffer can hold very large text files. It is in fact the same memory area as Funnelweb's Disk Review "V" text buffer. You can load some text into the 80 column editor's V(iew) buffer, exit the editor to a central menu, and from there go to Disk Review. After performing some disk management functions from Disk Review, you can go back to the 80 column text editor and the V(iew) buffer text will still be there! You can also load ANY KIND OF FILE into Disk Review's V(iew) buffer. Then if you exit Disk Review and go to the 80 column v5 text editor this text will be waiting for you in the editor's view buffer. Just press "V" from the editor's command line to see the text you loaded into Disk Review! *Because 40 column systems have only a limited amount of VDP memory, this V(iew) buffer feature is not available from the 40 column v5 editor.*

FIFTH text in memory - the ST(ore) buffer:
From the editor command line you can press ST(ore) and move the contents of the edit buffer into temporary storage in VDP RAM. You can then load another file into the edit buffer, edit the second file and save it back to disk, then press RE from the command line to RE(call) the ST(ore) text back into the edit buffer. The ST(ore) buffer acts as a temporary ram disk, but is much faster. Text files are saved and loaded to horizon ramdisks one record (line of text) at a time. This is immediate! It is too bad you can't exchange text between the edit and store buffers. Tony says this trick would eat up lots of memory and that's why such a feature has not been included. *ST and RC to and from VDP RAM is not available from the 40 column v5 editor. There isn't enough memory.*

New File Saving & Printing Options
These are available in both the 40 and 80 column editors and are accessed via the P(rint) F(ile) command. You can configure the editor with printer codes. Then every time you insert a "P" in front of the printer name (such as PF enter , P PIO) the editor will send these preconfigured codes to the printer before any text. I have my v5 editor set upto send the "print all the following in emphasized print" command. If I also use a "Q" with PF the editor will send a printer reset code to the printer after all text has been printed (PF enter , P Q PIO).

You can append the contents of the text buffer to the end of an existing disk file by specifying the disk file as the printer device preceded by an "A" (PF enter, A DSKx.FILENAME). DV80 files of unlimited size can be created this way. I build multiple choice exams for my students this way, one question at a time taken from question lists I have stored as DV80 files.

You can also use PF to create DF128 text files readable directly by MS-DOS and Unix software.

New Power-Up Options
Normally the v5 editor boots in either Word Processing or Program Editing mode depending upon which of Funnelweb's central menus is used to select the editor. However, if you hold the space bar down as the editor loads you get a list of choices. The editor can be pre-configured to always give you this

list of choices without pressing the space bar or to automatically boot as any one of the choices unless you press the space bar.
1. Word Processing
2. Program Editor

Then you get these choices:
1. Default 7-bit
2. National 7-bit
3. TI Euro Writer
4. All Chars.

If you want the resulting disk file of your document to be readable by someone else on another computer using anything except Funnelweb v5 (such as an earlier version of FunnelWeb, or TI Writer) then select items 1 or 2 from this menu. Items 3 and 4 from the above menu do some fancy stuff (more about this later), but produce disk files that can only be read and displayed on screen properly with FunnelWeb v5.

After you chose one of these options, you are given the following choice of languages, comparable to what is suggested by the TI Writer module:

1. Australia---My 40 column beta test editor lists this as "default". This is the one USA English users would choose. It uses character sets C1 or C2, the same character sets used by the rest of FunnelWeb. This is the only option that does not load in additional character and command sets from disk.
2. British---Choosing this loads in a separate character set that redefines SHIFT/3 as the British pound sterling symbol. In all other respects "2. British" is the same as "1. Australia".
3. France
4. Deutschland
5. Italia
6. Sverge
7. Nederland
8. Espania

Choosing a non-English language loads in foreign language character sets that redefine little used keyboard characters such as FCTN/A, FCTN/F, FCTN/W, etc. as appropriate foreign characters. Most of these foreign characters are vowels with accent symbols over them such as umlaut, grave, acute, or circumflex. These character sets and their ASCII values correspond to some of the international character sets 1-9 found on most printers. This means that if you send the control code to set your printer for the appropriate foreign character set then the foreign characters you see on screen will be printed properly. From the editor the Epson compatible printer key sequence with no spaces between keypresses is CTRL/U FCTN/R CTRL/U R CTRL/U SHIFT/A thru I CTRL/U where A-I specify the particular character set (1-9) desired. For Gemini 10X and SG10 printers substitute 7 for R in the above key sequence.

Non-English languages also load appropriate foreign text into the command line and change the command abbreviations to reflect the foreign language. For example, in French "Imprimer Fichier" means Print File, and you use the command IF, not PF to print files. The Swedish version has "Lagra Filer" for Save File. The command LF in the Swedish text editor will save (not load) a file. This can be disastrous for English speakers who don't know Swedish.

Not all the foreign commands and command line text are finished. English, German, and Swedish are complete. French and Dutch are almost complete. Spanish hasn't been started. Sample source code and a utility that creates foreign commands and command line text are included capabilities.

Euro-Writer
In Europe, TI released a multilingual version of TI Writer (TIW v2) with some special features. By selecting EURO-WRITER from the power-up menus, the FunnelWeb v5 editor provides all the features of the TI Writer v2 editor; specifically an intuitive way of adding accent marks to vowels.

When in FunnelWeb's Euro-Writer mode you have access to the foreign character set of the language you select from the power-up menus, and these character sets include some, but not all, accented vowels. But there is another intuitive way to create accented vowels that lets you put ANY ACCENT or ANY VOWEL. Type a vowel, either upper or lower case. Then backspace to put the cursor back over the vowel, type any of four FCTN/key or CTRL/key combinations, and an umlaut, grave acute, or circumflex mark will appear on screen over the vowel! The only problem is that these vowel backspace accent screen displays are coded with high ASCII numbers above 127 and don't normally print properly. You need to print text files with these accented vowels using the European formatter (also multilingual), the formatter that TI included with TI-Writer v2. You need to use special transliteration files that redefine ASCII codes greater than 127 as accented vowels. This formatter with its auxiliary language and transliteration files is not part of the FunnelWeb v5 editor package, but the files can be obtained by anyone from the Lima user group. Unfortunately, the European formatter REQUIRES use of the TI Writer module. It hasn't yet been modified to run easily out of the FunnelWEb environment using something other than the TIW module to boot FunnelWeb. Also, transliterations to print some of the accented vowels are less than ideal. Accented vowels you see clearly on screen with FunnelWeb's Euro-Writer mode may look strange when printed.

All Chars Mode
Our 99/4As normally can directly type ASCII 0-127 wih ASCII characters below 32 accessed from CTRL/U "special character mode". But our 8 bit computer is capable of generating codes 0-255. When high ASCII codes 127 are sent to a printer during test printing the printer will print graphic symbols. A common standard for these high ASCII graphics is the IBM character set #2 found on most printers. High ASCII codes sent to a printer with IBM graphics #2 enabled print line shapes somewhat comparable to the "lines" font of Page Pro that prints those neat borders and page dividing lines. Check your printer's manual to see what these graphics look like.

Selecting All Chars mode with the FunnelWeb editor allows you to directly type on screen and print to the printer ASCII 0-254 of the IBM character set #2. This includes all the normal upper and lower case letters, numbers and keyboard symbols, plus the graphic symbols coded by high ASCII numbers. To type the graphic symbols type CTRL/, (control and comma simultaneously) and then each keypress will produce a graphic symbol. To return to the keyboard normal letters type CTRL/, again. Normal letters and graphic symbols remain on screen as you use CTRL/, to toggle the keyboard back and forth between graphics and normal. Graphics and text print normally using PF (PrintFile). You don't need a formatter to print these graphic symbols.

Some of the Other New Features
--You can move text up and down from within the command line. This is very handy for M(ove lines), D(elete lines), and C(opy lines) operations. You don't have to remember line numbers. Go to the command line and type M, D, or C. Then use the arrow or up/down screen keys to display the first line number and last line number so that you will enter the proper numbers to M, D, or C.

--From the various fixed modes with an open box cursor (Program editor or WP with word wrap off) you can break lines at the cursor, insert text, then rejoin with the next text line. This means you can insert text into the middle of a paragraph from a fixed mode without losing existing text off the end of the right margin, something no other version of TI Writer will allow.

--Typing a number in a blank command line followed by enter will put that line at the top of the screen and return to edit mode (S before line number not necessary). Enter from a blank command line returns to edit mode (E prior to enter not necessary).

--You can freeze the display beginning with the line below the cursor while continuing to scroll, window, and edit from the cursor line to the top of the screen. This means you can simultaneously display two parts of the edit buffer with full editing capabilities for one of the displayed parts.

--You can bookmark (mark the text) at any line number from either command mode or edit mode. Later you can put the cursor on this text with FCTN/= even if the text has been edited since marking.

--You can display the contents of any hard drive path from the command line similar to doing a SD. Enter "HD" from the command line, then type a path name and press enter. The resulting display of that directory's file names resembles the SD display, and you can mark DV80 files for loading into the editor. This should be great for hard drive users who have trouble cataloging their hard drives with existing software.

--From SD or HD two different files can be marked, the regular and "temporary" file. These can be loaded in the editor with LF (regular) and LT (load "temporary" file).

--A user definable wild card character can be used for string searches with FS and RS.

--The SE display shows the number of bytes remaining in the edit buffer.

--When you load, print, or save files an incrementing number in the upper right of the screen shows the current line being loaded into or out of memory.

Configuring the Editor--
Which v5 Editor Files are Required?
Just the 80 column editor, without other parts of FunnelWeb, comes on an almost full unarchived DSSD. There are lots of files, mostly foreign char sets, and command line text. This disk as distributed by the Lima User Group has DSKU comments added by me to each of the files. These comments should aid in figuring out the purpose of each v5 editor file.

If you want only word processing in English then put ED, EE, and HELP00 10 20 and 30 on your FunnelWeb v4.4 working disk or directory. If you want to play around with All Chars graphics, add file CHAR1 to this list.

You should use INSTALL/ED and modified CONFIG/ED to configure the Print File "P" and "Q" printer codes into your ED file, but these two files don't have to be kept on the FunnelWeb work disk. FunnelWeb's

v5 editor can be configured with CONFIG/ED to immediately boot to any of the available languages, or to boot to the power-up menu selections. No matter how the editor is configured, if you hold down the space bar as the editor boots you will get the power-up menu selections.

If you want to use the full multilingual capabilities of the v5 editro then you need all the CHARxx and F8TXxx files on your FunnelWeb work disk.

WP99er Pres' 2 Cents
by Mickey Cendrowski
West Penn 99ers Jan'9

For those of you who read my column last month... and are wondering how I made out in my endeavor to stop those "DISK BUNNIES" in their tracks...I succeeded in my task! (And to think it only took me 7 days to do it!)

Unfortunately...what I thought would take me only half an hour turned into a mountain of a project. You know how it is...First I thought I'd just alphabetize my disks...then I thought I had better check them once again for write-protect tabs, disk labels, file protects, and disk tests. Now if all that wasn't enough...I then needed to update my Adventure Data Base so I would have an up-to-date list of what I have when I go looking for more adventures at the next TI Show.

As you can see...I quickly turned a "MOLEHILL" into a "MOUNTAIN" without even batting an eyelash. Hmmm...wonder if I can turn "WATER" into "PEPSI"... now there's a thought worth checking into!

Now...where was I...Oh...yes...Needless to say, the GODS LAUGHED hysterically. What made me succeed? To be honest...my big mouth. You see...I told you all in my column last month what I was planning to do during the month of January...and I just had to be "STUBBORN" and "BULL-HEADED" and keep to my word. So, here it is January 8th...I now have 23 days off! That really puts a smile on my face!

You see...most jobs can be tackled...if only we look at a "PART" rather than the "WHOLE MESS".

So...take it from someone who speaks with recent first-hand experience...set yourself a goal in stopping those "DISK BUNNIES" in their tracks...and then...hop to it (no pun intended - Ha Ha).

Next month I intend to work on another "EASY CATEGORY". Let's just hope it proves to be "EASIER" than last month's category. Hmmm...are the GODS LAUGHING at me already!

Anyway...next month I am going to organize all of my original third-party software. This is the stuff from Asgard, MS Express Software, Notung Software, Texaments...etc. Currently this category comprises one disk case...which is disorganized to put it mildly...but at least all of these disks are properly labeled...and that's a start.

In addition to organizing this disk case...I'll have to create another data base...as the last data base I created was specifically for my adventure disks.

I am using Texament's TI-Base and TI-Sort to create my data bases. Just for the record...my Adventure Library (which I just finished organizing) consisted of 2 disk cases...143 disks...and 275 entries in my data base. Quite a task and a half, but I did it.

The GODS may have LAUGHED, but I'm the one who came out on top. Let's see who wins next month. The GREAT OZ (a.k.a. MY BIG MOUTH) has spoken!

Xise Days

The following information is provided as a service to our members. The items listed are for sale by the individuals indicated and are subject to prior sale. The group assumes no responsibility for items listed and makes no claims as to their condition or interface compatibility with the TI-99/4A computer. Only computer related items will be accepted for publication in this newsletter.

TI Console w/RF Modulator
Extended Basic, Speech Synthesizer
Terminal Emulator II, Tombstone City,
The Attack, Car Wars, Parsec, Blasto
with manuals
All for $50

Danny Stern (602)297-3839

$200 Complete TI System
Includes: Expansion Box w/SSSD Drive
TI Disk Controller, Memory & RS232
Plus: C.Itoh Printer, Console, Speech,
ExBasic, Multiplan & TI Writer

Norma McCargar (602)889-8401

$150 Complete TI System
Includes: Expansion Box w/SSSD Drive
TI Disk Controller, Memory & RS232
Plus: Beige Console w/dust cover,
ExBasic, Tax Investment Record Keeping,
Home Financial Decisions, & TI Writer

Larry Newman (602)299-2092 or #10 on CP

Double-Sided 1/2 height
TEAC Disk Drive - $20

First Base by Warren Agee - $10

Entec external power supply box. Has enough power for a hard disk and two full power floppies. Light toggle switches on front to control 3 outlets on the back of the box. Asking $50.

"I ♥ My TI" White Hats
Black Letters
Red Heart
$5 Mesh Style
$6 Golf Style
plus $1 shipping

Tom Mills (602)886-2460 or #1 on CP

Star Micronics
NX-1000 II w/3 ribbons
$100

Ed Chase (602)299-6511 or #118 on CP

MICROpendiums
May, July, August 1985
February, October, December 1986
January thru October 1986 (10 total)
February, May 1988

$1 each including postage

Call or write: Ralph Jones
2820 Juniper Ave
Morro Bay, CA 93442
(805)772-2947

$100 Expansion Box w/SSSD Drive
TI Disk Controller, Memory & RS232

$15 TI 99-4/A Console
$15 Speech Synthesizer
$2 300 BAUD Modem w/cable & power
$4 Replacement Console Power Supplies
$5 TI to Atari Joystick Adapter(single)
$5 TI to Atari Joystick Adapter(dual)
$10 Cassette Player/Recorder
$2 Replacement Keyboard

50/$1 Disk Labels
500/$1 Mailing Labels
Tractor feed 1-across

TI Keyboard Overlays $3ea or 5/$10
Modem Cables 6'=$8 (Telco ready)
$3 Cassette Cable

Printer Ribbons
$3 NX-10 $4 NX-2400
$2 Epson MX-80 $3.50 NX-1000

Diskettes
10/$3 or 25/$7 (SW99ers only)

Jack or BJ Mathis(602)747-5046 #3 on CP

Cassette Programs
$1 Teach Yourself Basic

Disk Programs
$2 Airline
$10 Hitchhiker's Guide to the Galaxy
$3 Touchdown

Modules
$2 Chisolm Trail
$20 Extended Basic
$1 Home Financial Decisions
$1 Household Budget Management
$1 Munchman
$1 Personal Real Estate
$1 Personal Record Keeping
$1 Tax Investment Record Keeping

Books
$1 101 Programming Tips & Tricks for
    the TI-99/4A
$1 Basic Computer Games
$3 Basic Programs for the Home
$3 Beginner's BASIC (Blue Book)
$2 Computer Playground
$3 Computer Tutor
$3 Executive Computing - How to
    Get It Done on Your Own
$10.50 Home Publishing on the TI-99/4A
    Supplement #3 w/disk
$3 Practical Basic Programs
$2 Programs for the TI Home Computer
$3 Programming Basic w/the TI Computer
$2 TI-99/4A Game Programs
$3 The Word Processing Book
$3 The Writers by Harry Brashear
$3.25 User's Reference Guide
$2 Using & Programming the TI-99/4A

Home Computer/99er Magazines
$1 each or 6 for $5
Nov '82 thru Nov '83
Vol 1, #5 and Vol 1, #6
Vol 4, #1 thru Vol 5, #6

Jack or BJ Mathis(602)747-5046 #3 on CP

SouthWest Ninety-Niners Potluck Picnic!
March 27th, 1993 - 4pm
at Ed & Connie McCullough's
10241 E Speedway - 296-5183

Membership Report

There were 18 SW99ers at our February meeting. Aaron Traiger, Ed McCullough, Ed Chase, Jim McCullough, and Gene Bohot renewed their membership. We're delighted to welcome four new SW99ers: George Poston zip 59601 ph.(406)443-4818 and Cal Zanella ph.(406)586-7913 zip 59715 of Montana; Bryant Krause ph.(909)681-1954 zip 91754 of California; Richard C. Arthur, Jr. zip code 32304-1238 ph.(904)576-4677 of Florida.

Members Meet

First Tuesday, March 2nd, Devon Gables Health Care Center (Exec Dining Rm.) at 6150 E. Grant across from the Price Club at 7:15pm. 1993 Disk Library Catalogs and Aitman Fairware List will be distributed. Members who attended Fest West North '93 will reports. Demos will include some new games we picked up at the Fest. (Aaron, I found something you "can't live without"!)

Exec Meeting

Friday March 6th, 6:30pm. Perkins Restaurant at Grant and Swan, NE corner. All SW99ers are invited to help with planning for our Users Group and Fest West '94.

TI-Base Workshop

Second Tuesday, March 9th, 7:00pm. Mike Doane's home 5607 Julius Stravenue - 298-3835.

General Users

Third Tuesday, March 16th, 7:30pm. Mathis' home 5941 E 26th - 747-5046.

Advanced Languages

Fifth Tuesday, March 30th, 7:30pm. Mathis' home 5941 E 26th - 747-5046.

Potluck Picnic

March 27th, 4:00pm. Ed & Connie McCullough's home - 10241 E Speedway - 296-5183. Bring your family and food to share!

Contents

Who Do Ya' Call?

Richard Baron - Disk & Lending Lib 885-4812
Mike Doane - Treas/DOM Prep/Tech Asst .. 298-3835
BJ Mathis - Pres/Editor/Library Chmn ... 747-5046
Jack Mathis - Technical Asst 747-5046
Ed McCullough - Secretary 296-5183
Rod Stallard - Vice Pres 745-6071
W. Leonard Taffs - Newsletter Lib 795-4140
Dale Ussery - Lending Library 575-1398
Tom Wills - Cactus Patch SysOp 886-2460
Cactus Patch BBS 290-6277
(Area code 602 for all phone numbers above)

SouthWest Ninety-Niners/Mar '93

SouthWest Ninety-Niners
PO Box 17831
Tucson, AZ 85730

April Newsletter Deadline

>>> March 27th, 1993 <<<

Dallas TI HC Group 9209
Dallas 99 Interface
PO Box 29863
Dallas TX
75229