

**THE SLAVES
AND
THE OTIUG
USERS
GROUPS
JANUARY
NEWSLETTER 1992**



*CITY JOINS REST OF WORLD IN TAKING OFF THE LID
OF A MOST UNPREDICTABLE NEW YEAR SURPRISE PACKAGE...*

**HAVE A
HAPPY
NEW YEAR**

(IF YOU CAN ???)

MCCANN SOFTWARE

It's was sad to here that Mike McCann will no longer be writing software for the Geneve. The response to his program "HQ_STACKS" was disappointing and he's decided to pursue the 'big blue' market instead. There were offers made by some of the other TI/Geneve vendors, to market his product for him; but he didn't seem interested. He was also offered an opportunity to be the guest speaker at telecommunication conferences, but he expressed no interest in that either. Mike appears to be a very talented guy, but his marketing and pr skills seem to be deficient. We wish him well in his new market venture.

For those who are interested in HQ_STACKS, McCann Software will fill orders (if they come in), but there will be NOTHING more coming from Mike McCann for the TI/Geneve community.

ESD HARD DRIVE

It's been awhile since we've heard much of anything about ESD's hard drive project for the TI community. The following message was uploaded to the DELPHI network and represents the current status and short/long range plans for their project.

DATE/TIME: 09/14/91 23:33
Subject: ESD

MANNERS members attending the September 12 meeting finally got a demo of the ESD hard drive controller. Shane Truffer showed both the earlier prototype of the ESD hard/floppy controller (MFM drives) and the new hard drive controller (IDE). He showed some slides showing Western Digital specifications on the drives that ESD is packaging with their hard drive controller. Drive and controller both have very low power consumption. He also mentioned the upcoming high density floppy controller that will handle both 1.2 mb 5.25" or 1.44 mb 3.5" floppy drives. Shane says that this floppy controller may have compatibility problems with the older floppy drives and/or disks formatted on them. However, both the hard drive controller and the high density floppy controller have selectable CRU

settings so that it's possible to have both these controllers, the Myarc HFDC, and a floppy controller (TI, Corcomp, or Myarc), all in the same p-box. The actual demo consisted of the ESD controller telling the controller on the IDE hard drive to seek to the max cylinder, write a block of data, read and verify the data, and recalibrate to track 0. It was quick and short, but at least we saw a card/drive combo that did something. ESD is planning to make it compatible with disk managers already available, although MDM 5 is the only hard drive disk manager that I know of.

Approximate prices are \$279.00 for hard drive controller with IDE drive, \$139 for hard Drive controller alone, \$165.00 for the high density floppy controller with floppy drive, and \$97.00 for the high density floppy controller alone. Remember, these are only estimated prices. I couldn't pin Shane down on a definite shipping date, but he hopes to go to Fest-West (Feb 1992) with a finalized product.

DigiPort

Last month, OPA announced Digi-Port to the TI community. This month, OPA addresses the questions of perspective buyers. If you were considering purchasing this product, the replys from Don O'Neil (DONEIL) and Gary Bowser (TINET) may help you decide.

No conversion of sound files are needed. Digiport+ reads in directly and does the conversion on the fly (no conversion really, since it uses the whole data format, no chopping of bits, etc.) It currently sees over 10 different type of sound formats, ranging from a couple of IBM types like soundblaster, to the MAC formats, plus also some Atari ST and Amiga formats. Even if it does not understand the header it still allows you to input custom settings and play back the data. So far, we have found it handles over 95% of the sound files avail. from BBS's, etc. All you go to do is transfer over the files by disk using PC transfer, or download them via your terminal program from a BBS. The DigiPort+ software plays them back directly off the disk into memory, reading the DIS/FIX128 file. No two-step process.

Not sure about the bad header in the ad file, could had been a bad upload or download. No, the DigiPort+ does not replace the TI sound generator, it plugs into the parrel port (printer port), and adds to the ability to use digitized sound files, without the lost of any of the original TI sound features. It is fully compatible with everything on the market...

... ANY SOUND FILE WILL WORK! ANY ANY ANY!!!! We have not found a file that will not work yet!!!! (Hows that?) Don.

MIKE DODD

When Jerry Coffee decided to market Wayne Stith's GEN-TRI product for him, others quickly asked if he'd be marketing other JP Software products. The following message from Beery Miller should put a smile on many of your faces.

Software/PC-Transfer,HyperCopy,Identifil
From: 9640NEWS To: ALL

I just completed an agreement this afternoon with Mike Dodd. HyperCopy, PC-transfer(with utilities), and Identifile are immediately available from 9640 News:

New pricing is as follows:

HyperCopy	\$15.00
PC-Transfer	\$25.00 (includes the PC-transfer utilities files)
Identifile	\$10.00

These files are available for immediate order from 9640 News at the following address (or at Chicago Fair)

P.O. Box 752465
Memphis, TN 38175-2465

I am not in a position to handle unfulfilled orders with JP Software. My agreement is with Mike Dodd, author and owner of all copyrights to those programs.

TOWER PE BOX

For those who are always looking for something new in the way of hardware, it seems like there may be a new box coming out of the Seattle area. If you have an interest in it, why not call the number listed at the end of the following message.

MINI TOWER BOX
From: CYNTHIA To: ALL

something buzzing 'round Seattle these days is the talk of the making of a MINI-TOWER for the Geneve. As I heard it from Barbara (Wiederhold) Jacobson her former partner in the Queen Anne Computer Shoppe is busy putting together working models of a mini-tower box. Phil Jordan is quite the 'techie' when it comes to the II or Geneve, and according to Barbara, this box will have 8 slots and room for your hard drive and two floppy drives. She mentioned a price of \$350 or less (more than likely, less). If anyone wishes further information, please call (206)546-1205.

GEN TRI

In last month's column, Jerry Coffey had entered an agreement to market Wayne Stith's 'GEN TRI' program. At that time, Jerry had just received the masters from Wayne and was in the process of duplicating the documentation. Since then, Jerry has left the following message for perspective customers and I'm just insuring that it gets a wider circulation.

GEN-TRI 1.02 SHIPPING
From: JERRYCO To: ALL

GEN-TRI Version 1.02 (for the GENEVE) is NOW SHIPPING!
October 3, 1991 Version 1.02 of GEN-TRI includes the spellchecker that was an integral part of the original design and has several changes in response to bug reports and user suggestions. Minor changes include:

- correcting the MACRO function of the word processor to perform as designed;
- correcting the handling of blank lines by the reformat command in WP;
- adding the ESC character to those that can be passed to the remote host in terminal mode (useful for some PC BBSs);
- adding some delay loops to the ymodem routines to offset the slow performance of some clones (direct transfers now work up to 19,200);
- temporary fix for a directory bug on very large program files; and
- improved Find and Replace functions.

The spellchecker is a completely original approach with extremely quick response. The standard word list (or "dictionary") is about 30,000 common words written in compact form in a 718 sector file. This file can be expanded on a hard drive or 720K disk to three times this size and filled with additional words. A utility program is provided to add new words in the efficient coded form developed by Wayne Stith. The utility accepts words from the keyboard or any DUB0 file, scans the dictionary for

them and adds them to the dictionary if not found. If your file and dictionary are on ramdisk the dictionary can be searched in one fifth of a second (300 searches per minute). This also means that it takes only a fraction of a second to check a single word in a document you are writing or editing. If you are checking an entire document, words not found will be highlighted and then you have the option to "Ignore" (if you aren't sure of the spelling) or "Add" them to the dictionary. The basic dictionary takes up all of a DSSD disk, but Wayne will provide an abbreviated 358 sector dictionary on request.

To order: send \$49.95 to Jerry Coffey
9119 Tetterton Ave.
Vienna VA 22182.

To upgrade your v1.0 program, send your original disk and \$1 for postage to the address above. In either case please indicate if your system can handle 1440 sector disks (DSSD), otherwise it will be shipped on single density 720 sector disks (SSSD). SSSD disks require a special order because of the size of the dictionary.

For the past several weeks, I have been reflecting on the past 20 years I have been involved with computers. My first exposure was with the U of U, Univac 1108 mainframe. One had to input the data on punch cards, and wait over night to pick up your print-out. One of the first programs I used was a loan table. I then had a specialized need that the canned programs couldn't do. I needed to learn a programming language. Fortran IV. Your program had to be punched out on cards, submitted to run, and then wait for your print-out. It was a long process of finding coding errors, punching new cards, making sure cards were in the correct order and resubmitting the job. Later I had a need to develop a inventory control program for a video tape library. I needed to keep all the data on some other media than punch cards. I needed to use a data tape. Fortran code was difficult for using tape drives so I learned Cobol. Cobol also had a good report generator needed to print the different reports that I needed. You could also save the compiled program to tape. This met that I didn't have to submit the source program card deck each time I wanted to run the program.

During the later 70's I became interested in acquiring a home computer. One for my use and something our son could use for educational development and for games. Of course the TI 99/4A fill the bill. Remember the prices that we paid and the \$100 rebates. The choice of programs when you bought a expansion box. A disk drive that would access 90K. Using the audio cassette

recorder to save and retrieve programs. Later on I found out about SLaves User Group from a friend. Now there was a group from which to ask questions when I ran into problems. I do not remember who was president when I joined; but Mark Johnson was the president the second year.

The year after I decided to run for the treasurer and was elected. Being involved with the officers, I learned much more about the 99/4A, and of course acquired many more programs. Some which I still have and have never run on the machine. Do you remember October 1983 and what you thought it meant to the 99/4A. What it did was open up a closed machine, less expensive software and much more hardware availability. Some which come to mind are super-carts, GROM emulators, Car-Comp disk controllers and RAM cards, Horizon RAM boards.

My full-time job required me to use PC machines so I gradually started using the TI less and less. A little over a year ago, I acquired my own PC, and use it almost 100% of the time. I will probably always keep the TI 99/4A as it certainly changed the way of home computing.

Many of us in this Users Group have PC clones, and there are many former members that have machines. I am going to lead a SIG group within the SLaves Users Group. The first program will be on using Word Perfect.

I have become very good friends with many in this group and value the years which I have served as on officer.

Bob Beaudoin

WHAT'S HAPPEN'

by Joe Masarone

This will be the first in a series of "Whats Happening" at the upcoming Users Group meeting. (I hope!). First, thanks to all of you who voted me in as our Group's President. I hope you made the right decision!! My first objective this year is to keep our TI Group (That's the TI Salt Lake and Valley Users Group, for you non-members who receive this Newsletter) alive another year. Financially we are very sound with over \$500.00 in the bank but what we have in \$\$ we lack in enthusiasm. I hope to rejuvenate this Group by years end. We seem to have become very

complacent at having the Group's Officers put on a "show" for an hour or so every meeting. NO MORE! I plan to get every member involved this year by giving assignments to give demos or hardware show and tells. VOLUNTEER for the next meeting or get DRAFTED! Steve Richardson consented to do this month's meeting. He will demo 3-D World. I had planned to show off a new program, Screen Preview by Joe Delekto but the program has a major BUG! There is even a disclaimer in the Docs, from Asgard Software, stating that some of the major functions are "unpredictable". Plain don't work is more like it! They, Asgard, will mail the fix as soon as it becomes available. Why did they take

my money if they knew it didn't work? I'll keep you posted. I'd like to take a moment to thank our out-going (gone actually) President Bob Beaudoin for doing such a GOOD JOB these last two (three?) years. Bob, You can have this job back anytime you want! I would also like to extend an open invitation for any member to place an ad or to use your newsletter for any forum you may wish. This publication is YOURS. I will even accept short stories, computer related or not. Now's your big chance to get you name in print! Mel does expect one months lead time. OK I've rambled on enough. See you at the meeting.

By Barry A. Traver

The name of the product is DIGIPORT, and it permits the porting over of DIGITAL sound "from the IBM, MAC, AMIGA, ATARI ST, Sound blaster, and many more," according to its producer, Oasis Pensive Abacutors (better known as OPA, 432 Jarvis Street, Suite 501-502, Toronto, Ontario, Canada M4Y-2H3). I haven't seen DIGI-PORT in operation myself yet, but I understand that it is available NOW from OPA. Like Mike Maksimik's MIDI MASTER 99 (reviewed in a previous column), Don O'Neil's DIGI-PORT is a combination of special cable and software. In this case, the cable plugs into the parallel port of the RS232 card (Ti, Myarc or Cor Comp.) The software supplied actually allows

the supplied PIO adaptor cable or through the TI-99/4A's (or MYARC 9640's)



built-in 9919 plays sounds only at a 5-bit accuracy, while the PIO cable plays at 8-bit accuracy).

With digitized sound, one problem is the amount of memory required. With just a standard TI-99/4A, reportedly you can play only 10 seconds of sound at 5 Khz. If you have additional memory available through a supercart, 80 column card, RAMBO memory card, MEMEX memory card, or MYARC 9640 (or Geneve). I'm told, however, that you can play much longer sounds, up to 10 minutes or more (depending upon your configuration). The cost of DIGI-PORT (including cable and software) is \$39.95, but you need to let OPA know your system

OPA also has sound disks available, so that you can have interesting material to listen to on DIGIPORT.

For further information on this product or related products such as RAMBO, you can call OPA at 416-963-TITI.

Another source of some of these products, including RAMBO and MEMEX, is Bud Mills Services, 166 Dartmouth Drive, Toledo, OH 43614-2911: phone 419-385-5946.

Incidentally, at the time of writing this column it appears that OPA's DIGI-PORT may have a competitor. Texaments's SOUND F/X by Barry Boone.

These are two programs involved here, one to port over the sound data from PC format to TI format and other to actually play the sounds on Geneve.



Computers for Sale !!
TI 99/4-A complete system...
IBM Compabable 8088 30Meg H Drive
Call Warren Young... 278-1052



- By - Insebot, Inc.

P.O.Box 291610, Ft. Orange, FL 32129

Version 3.01 Tutorial 23.1.1 By Martin A. Smoley

NorthCoast 99'ers User Group - July 14, 1991

WHAT A MESS

My wife, who corrects my atrocious spelling and punctuation, said that the last Tutorial was by far the most confusing I had written to date. It's a good thing that the main point of that tutorial was to get you to read the original TI-Base Manual (I think). Because of my wife's comment I am going to attempt to change my approach to this tutorial. I hope it will help.

Once Again

If you need or want a Database (Db), you should start with some information you already have (Name + Address list, etc.) and a pencil and paper. Think about your new Db. Consider the information to be placed in it and what you will do with it afterwards. You don't have to be complete or specific, but just toss some ideas around and jot down notes. I do this for several days before I CREATE a Db. I will CREATE a membership list for the combined but separate clubs of the NorthCoast 99'ers and TI-Chips (sound familiar). The main use of this Db will be for the monthly mailing of the combined club newsletter. The second (important!) use will be to keep track of when each member's dues are due. I'd like to print all my data across one page so I keep in mind that I can print 132 columns in condensed print. Now I take the old list and visually scan it for the longest last name, first name, street address and city. I then add 2 or 3 spaces to the length of the longest item in each category. That will hopefully become the length of my FIELDS. In a DB each complete unit of Data would be a Record. In TI-Base (TIB) each Record can contain 17 FIELDS. So a FIELD might contain a persons last name, the next FIELD might contain that same persons first name, the next could be the street address, the city, etc. All these items (or FIELDS) together would make up one Record. In TIB each Record (REC) is given a number (REC 0001, 0027, etc.) do not confuse Record numbers with FIELD numbers (which you see below).

CLUB91 STRUCTURE

CREATED 07/08/91 CHANGED 07/10/91

FIELD DESCRIPTOR TYPE WIDTH DEC

FIELD	DESCRIPTOR	TYPE	WIDTH	DEC
1	NM	C	006	
2	LN	C	015	
3	FN	C	015	
4	MI	C	002	
5	NL	N	003	00
6	SA	C	025	
7	CT	C	020	
8	ST	C	002	
9	ZP	C	005	
10	PH	C	012	
11	XP	D	008	
12	GP	C	002	
13	LTS	N	002	00

Now that I've wet your appetite for the first Db, we're not going to do that yet. In the last Tutorial I hit the ground running with a bunch of stuff on Command Files, Printouts and a lot of confusing junk. You should be able to think about our first Db (CLUB91 or whatever) and jot down notes about it while I re-explain TIBs startup. When you put your COPY (not the original) of TIB in drive 1 and select Extended Basic (from the TI power up screen) TI-Base will automatically load and run. After you watch the little load bar crawl across the screen TIB will print MM/DD/YY on the screen and ask you for the date. Enter the date as Month/Day/Year, and don't leave out any zeros or slashes. For example July 10, 1991 would be entered as 07/10/91. The system will use this date and we will want to use it also, so enter it carefully each time you start up TIB. After you enter the date and TIB finishes loading you will be left with a period (the Dot prompt) with the cursor flashing next to it. "That's all!" You must enter all your direct Commands at the Dot prompt (Dp), so get used to it. If you type something at the Dp and press Enter (<E>), TIB will either accept or reject your Command, drop down one line and give you another Dp. The only Commands TIB will accept and act upon are those in the manual, under the conditions given in the manual. Enter a Command TIB doesn't recognize or break a rule and all you get is an error message. "Sounds like about as much fun as dropping a brick on your little toe." Any Command that can be typed and executed at the Dp can also be place together with other Commands in a Command File. A Command File (CF) can then be executed with the Command DO and all the Commands in that CF will be executed. "If you're trying to figure out what the heck I just said, glance through that manual again." The reason I dragged you through all this is because, if you made it to the Dp, TIB has already executed a CF. The CF I'm referring to is SETUP and it's quite important. It contains the information TIB needs to SET itself UP for your system. This means that SETUP can help or hinder you greatly with the use of TIB, so you must put the right information or Commands in the SETUP file.

Original TIB SETUP CF

```

*
*      Welcome to TI-BASE
*      QUIT will terminate TI-BASE
*
* PRINTER EPSON
SET CURSOR 2
DO DSK1.RESET
DISPLAY STATUS
*      FUNCTION (7) for help.
RETURN

```

The printout you see above is of the original SETUP file I received with TIB except for the line that reads DO DSK1.RESET. I added that line, as you will, later, but first we need to CREATE the CF named RESET. Note: If you managed to fight your way through the last Tutorial, with all of the Printout CF stuff, this should be familiar. Let's try to CREATE the RESET CF. But first, another confusing but necessary side track. We need to make some needed room on the TIB disk in drive 1 (or make another copy).

Next Page

What I did was copy LOAD, LOADTI, MAIN, MSGS, OVERLAY/P, PRINTER/D, PRINTER/S, SCRIN, SETUP/C, TIBASE and TIBASEB to a newly initialized disk. This is all you need to autoloading TIB and it should give you about 100 free sectors on the disk. You could erase all files other than the ones I just listed, but I feel it's always better to make another copy. Note: Whenever you initialize a disk for use with TIB always verify the sectors. A problem disk can give you big headaches later. While you're at it initialize a couple extra disks for drive 2. Name them something distinct like DAT01, DAT02, etc. and label the jackets so you can identify them. Then put TIB in drive 1 and load it again. If everything went well it's time to make a Command File (CF). At the Dp type MODIFY COMMAND DSK1.RESET and press enter. If later you do a directory of the disk, you will see /C after the RESET. You do not enter these characters. TIB will do that for you. After entering the command TIB will give you a blank screen (with no Dp) and wait for you to type in the command file (CF). "Once again TIB gives you no help." Just type in the file I have listed below as RESET. On the first line start with an asterisk, which signifies a comment line. "Do not type in my heading. The first line you type is the one with the asterisk (*). Type in all the lines as you see them, pressing enter (E), after each line, as in Funnelweb. You will not see a CR at the end of each line because TIB doesn't use CRs in the same way Funnelweb does. If your printer is serial, not parallel, enter RS232.CR.LF in place of the PIO.CR.LF, in my example. This is not the only chance you have to get this right, we can change RESET to do something else, later. After it is all typed in, press Fctn 8 to have TIB save the CF to disk.

```
MODIFY COMMAND DSK1.RESET <E>
```

RESET/Command File

```
*      07/11/91      RESET
CLOSE ALL
SET DATDISK=DSK2.
SET PRGDISK=DSK1.
SET PRINTER=PIO.CR.LF
SET PAGE=56
SET HEADING=ON
SET TALK=ON
SET SPACE=01
SET RECNUM=ON
SET LSPACE=256
CLEAR LOCALS
SET CURSOR=02
SET CRLF=ON
SET INVERSE=OFF
CLEAR
RETURN      (Fctn 8)
```

```
DO DSK1.RESET <E>
```

After completing all those tasks RESET should be ready to go, so let's see if it will run. At the Dp type DO DSK1.RESET (E). The CF should scroll up the screen and finish with a blank screen except for RETURN and the Dp at the bottom left, and hopefully no error messages. RESET should not do anything noticeable. It's main function is to SET or RESET TIB to your system. If it acts weird or you got an error message, you probably typed something incorrectly. Just go back to MODIFY COMMAND DSK1.RESET to correct your problems. This time through you will not be given a blank screen, but the original RESET will appear for re-editing. The keyboard overlay you received with TIB will be indispensable for CF creation and editing. After you get RESET to run with no apparent problems type DISPLAY STATUS at the Dp. This should cause the TIB current STATUS to scroll up the screen. It should be identical to the printout of RESET, with your changes of course. You can get a printout of the screen by typing SNAP (E) at the bottom of the STATUS screen. If all these things work, you are making good progress. Now type MODIFY COMMAND DSK1.SETUP and when the SETUP file is presented insert a line and add DO DSK1.RESET as you see in my previous printout. I also made three other changes to my SETUP CF. I added "Vr 3.01" after TI-BASE, I changed QUIT will terminate TI-Base to "Type QUIT to terminate" and I changed FUNCTION (7) for help to "(Fctn 7) help not available". "Why?" Because I like to know which version of TIB I am using, you type QUIT to quit, you never never use (Fctn =) or (Fctn QUIT) from the TI keyboard and last, I removed all my help files from disk 1, "That's why!" Now when you, or TIB, run the SETUP file RESET will run automatically. You can also run RESET at the end of other CFs to RESET the system. "OK!" Now that you are totally experienced at CFs let's CREATE that Database.

The Database

In order to CREATE the CLUB91 Db I described earlier, you type CREATE DSK2.CLUB91 (E). TIB will then give you the top two lines of the CLUB91 STRUCTURE printout, with nothing below that. It's your job to fill in the rest. The second line contains FIELD, DESCRIPTOR, TYPE, WIDTH and DEC. These are column headings. As you enter the FIELDS you want, TIB will number each of them in the FIELD column. DESCRIPTOR is where you will enter the name or title of a particular FIELD, for instance LASTNAME (LN) or FIRSTNAME (FN). The TYPE column is where you place one character to tell TIB what TYPE of data it will find in that FIELD. The only choices you have are C, N, D or X for this entry. C denotes (C)haracter and tells TIB that it might find almost anything in that FIELD. If you place an N in this spot TIB will expect (N)umerical data in this FIELD, meaning things it can perform math on (+-.0123456789). If you select D for (D)ate, TIB will expect you to supply a date in the form of MM/DD/YY as I described on startup. The WIDTH would be set at 8, and slashes are automatic (07/14/91). X TYPE FIELDS are for printer control codes and will be converted by TIB to Hexidecimal before transmission. If you don't know exactly what you're doing, DO NOT USE ANY Xs AS FIELD TYPES.

```
CREATE DSK2.CLUB91 <E>
```

Next Page 



- By - Insebot, Inc.
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Version 3.01 Tutorial 23.1.3 By *Martin A. Smoley*
NorthCoast 99'ers User Group - July 14, 1991

The WIDTH column is where you will tell TIB the maximum number of characters you will be putting in that particular FIELD. You will probably be doing math operations on your (N)umeric FIELDS so add one extra space to each of those TYPES where TIB can keep track of the signs (+-). The DEC column is for decimal places. Here you enter the number of decimal places from the right (of the total) you want TIB to place the decimal point. This applies to (N)umeric FIELDS only. So type in all the stuff I have listed in the CLUB91 STRUCTURE printout. You will see that pressing enter moves the cursor from item to item. The arrow keys also work for moving back and forth. When the cursor has dropped to line (or FIELD) 14, pressing (Fctn 8) will cause TIB to complete and save the Db. You will then be asked if you would like to enter data now. You can enter (Y) for yes and start entering the information I supplied at the bottom of this page. Note: The CLUB91 printout may look a little off because I still had to chop a few spaces from the Db printout after I brought it into Funnellweb. It wouldn't fit across the page as it was. The names (DESCRIPTORS) I use are normally two characters long. This lets me guess what item I have stored in that FIELD and still remain short enough to type several FIELDnames on one line in a CF. The NM FIELD is a unique number. I created it from the Month that person joined, the persons first initial, the year they joined, their last initial and a number relating to the order in which people joined during that month. All of which is irrelevant, any number will do. Then I have Last Name, First Name, etc. NL is a (N)umeric FIELD which will hold the persons Name Length (NL), and LTS holds a record of the number of letters sent at renewal time to each person.

Data Entry or APPEND Screen

```

NM _____
LN _____
FN _____
MI _____
NL _____ 000
SA _____>
CT _____
ST _____
ZP _____
PH _____
XP ____/____/____
GP _____
LTS _____ 000

```

CLUB91

REC	NM	LN	FN	MI	NL	SA	CT	ST	ZP	PH	XP	-GP	LTS
0000	4A83S1	Smithsonian	Arthur		0	1142 Lemon Drive Apt. 246	Los Angeles	CA	91234	303-221-8943	04/00/91	CH	0
0001	2G85A1	Aardvark	Grant	E.	0	9995 State Rt. 84	Geneva	OH	44014	1-465-9876	02/00/92	NC	0
0002	2M83S4	Smoley	Martin	A.	0	6149 Bryson Drive	Mentor	OH	44060	216-257-1661	02/00/92	NC	0
0003	4Q86J2	Jones	Quincy	W.	0	37285 Burgandy Lane	Mentor-on-the-Lake	OH	44060	257-1029	04/00/91	NC	0
0004	9R88W1	Whitman	Slim	A.	0	2574 East 254th St.	Eastlake	OH	44094	951-2345	09/00/91	CH	0
0005	8E84V1	Vivannovitch	Elexxie	I.	0	111 E. 98th St.	Cleveland	OH	49023	541-5415	08/00/91	NC	0

If you're working on your own Db, use any FIELDS you think you will need. You just have to remember to fill in the right names when you whip up the CFs. If you're new at this you should CREATE several Dbs with no purpose in mind, just for the practice. After that, try out the commands, PRINT ALL and DISPLAY ALL, to see how they work. Refer back to the manual frequently for guidance. The entries for DISPLAY are listed below.

```

USE DSK2.CLUB91 <E>
DISPLAY ALL <E>
CLOSE ALL <E>

```

If you have struggled along this far, try typing in the GETLEN CF, listed below. Its purpose is to check the number of non-blank characters in LN and FN. Then it looks to see if MI is blank. If it is blank, TIB adds one to the total for the blank space needed between names. If MI is not blank TIB will add MI's length plus two spaces to the total length which is stored in Name Length (NL). GETLEN will USE CLUB91 and perform this task on each RECORD as it MOVES through the Db. When it reaches the End Of File (EOF), it will DO RESET, which we created earlier to CLOSE ALL Dbs and reset all parameters. If GETLEN runs without any problems, type USE DSK2.CLUB91 <E> and EDIT <E> to check the results, or DISPLAY ALL LN NL <E>. If it didn't work, keep at it, don't give up until you figure out what went wrong. Read the manual!

MODIFY COMMAND DSK2,GETLEN <E>

```

* 07/14/91 GETLEN
CLOSE ALL
USE DSK2.CLUB91
WHILE .NOT. (EOF)
REPLACE NL WITH (LEN(LN)+LEN(FN))
IF MI = " "
REPLACE NL WITH NL + 1
ELSE
REPLACE NL WITH (NL + LEN(MI) + 2)
ENDIF
MOVE
ENDWHILE
DO DSK1.RESET
RETURN Copyright Martin Smoley 1991
(Fctn 8)

DO DSK2.GETLEN <E>

```

I'll try and continue next month. Good luck. Marty.

I'm REC 0002



Write Letters.



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JANUARY 1992 NEWSLETTER

TI SLAVES

OUR NEXT MEETING IS JANUARY
18 1992 AT 9:00 am WE MEET IN
THE DISABLED AMERICAN VETERANS
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BE THERE PROMPTLY!!!

MEL BRAGG WILL GIVE A DEMO ON
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OUR NEXT MEETING IS JANUARY
4th AT 9:00 am and JANUARY
21.

WE MEET AT THE OGDEN
MUNICIPAL AIRPORT IN THE
FIRST BUILDING JUST EAST OF
THE NEW TOWER.

THE OGDEN TI USERS GROUP HAS FINISHED A FUND RAISING PROJECT
BY MEL BRAGG AND DAVID MISCHLER..IS A 1992 CALENDAR..DONE IN
PAGE PRO 99..COST IS \$4.00 EACH..SO PICK ONE UP AT THE NEXT
MEETING.....THEY LOOK TERRIFICK.....I CAN BRAG IF I WANT

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