FEB'88 JUG.TX

(TOP)

XDarrel Kankel

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HEMBERSHIF RENEMAL

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(4) INTE Y FIEL OL DIEK LOS IDNE THE COTT ALFLON PICKENDS' (1)-2665'

1974: (CALL AT BOR FIAT, 554-2844.)

(3) GO TO JOHN CHEN'S CPTICE (BLD. 65) BUILING LUNCH BOUR AND COPT WALT YOU

(1) STE JOHN ONTH AND BOARDS THE LIBERS - JOHN BURN, 45 AP, 19C. (2) ATTEND THE MENTING THE HERTING.

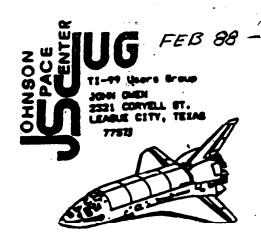
(2) ATTEND THE MENTING AND COST ONE (1) DEEK BURLING THE MENTING.

credit is diven to the suthor. source is disclosed and proper hereby granted, provided that the Permission to copy articles

of the group, the esitor, or any person other that the sulhor. Contained herein do not necessarily represent the opinions This newsletter and the articles

- S RP TUE (NOT MON-(NEW DAY FOR MEETING)

The Judg guets at 7.36 de the the the Golden month, in the Golden of J.S.C. (IMSA) Utilities and the States at 1.5.C. the sections. Vidinom is al noticien all states assert aspect of the control of







MIAMI CY (J. CLASBY) RR 4 Box 156 WABASH, IN 46992

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The United 99/4 Data Base" (UNDB) is growing nicely. We now have three single-sided disks full of data (more than 1000 screens) and more groups are sending \$1 for Starter Kits. We are now in the process of mailing Disk UN99DB/1B,UN99DB/2B and UN99DB/3 to all UNDB participants. ( $^{9}$ /B" denotes Revision B, etc.)

Thanks to a comment by Deanna Sheridan (Editor ,Cleveland Area 99er's) the "instructions" on Disk "UNDS-START" have been revised and expanded to provide a quick look-up of several "HOW-TO-PRB" screens. We are trying to make UNDB "user-friendly". Quick look-up of commands such as "INDEX(Selective)", "GLOBAL" (search), "FIND" (search), "USE" (search), "OFTIONS" (select), "CONTROL" (printer codes) have been added. It now only takes the UNDB user about 10 seconds to "FIND" the detailed instruction needed to execute many of the hard-to-remember commands. Several other "HOW-TO" screens (aids and tips) have been added with the same objective.

The PRINTER set-up instructions have been corrected as follows: If your printer DIP Switches are in "factory" positions, a simple "PIO" should work. If not, try PIO.EC, PIO.LF, PIO., PIO.CR, etc. (See UNDB99/1B for more details).

The "REPORTS" formats have been revised and each type is shown in EXAMPLES. Note that Report #1 can be set for either 1 line or 2 lines. This provides two types of reports for one report design. Report #4 is suitable for direct input to newsletters, i.e. "What's New" columns. Report #5 allows the user to add "trailer" screens of text to Report #4 without repeating the "header" lines. (see Example below). Report #2A is a good report for "stand-alone" printouts of one or multiple screens. By setting the "Number of Lines" of Report #2a to 4, trailer screens will follow the lead screen without a line skip. (See Examples of Report #2A below).

The Print Control cades have been set to allow the user to easily select: (1) Cancel all codes; (2) Double strike "ON"; (3) Emphasize "ON"; (4) Double Width "ON"; and (5) Compressed (132) "ON". Note: Emphasized Print can't (can not!) be used with Compressed (132) Print but Double Strike can be used with Compressed (132) Frint.

but Double Strike can be used with Compressed (132) Frint.

Address labels have been added (Use "L" command). You can now do a "SELECTIVE INDEX" on last name (1st line of text) and ADDRESS in the Category block and print out all addresses on standard labels, either single or double wide type. If you print the addresses to disk in D/V 80 format, they can be used by the TI-Writer Mail Merge capability. Also you can perform a Selective Index on ZIP Code (Line #4 of the text) and Addresses category and print out all labels in ZIP Code order. You can have up to 700 addresses on "UNDB" format (D/S disk) or you can have an address screen with several "trailer" screens to save information you want to go with that address. The UNDB can be used as a "ready made" mail list program that is very flexible.

If members of your User Group are interested in learning about data bases and having fun looking up TI-99/4 TIPS, TUTURIALS, ADDRESSES, HARDWARE PROJECTS, PROGRAMS, etc., in a "ready-built" data base, get a UNITED 99/4 DATA BASE (UNDB) Starter Kit by sending \$1 to JUG. TX. JUG.TX will send you a "flippy" containing Disk "UNPB-START" and "UNPB-INFO"(pv-\$d). All you have to do then is load PR-BASE (Version 2.0) and then load "UNDB-START". Then read the "INSTRUCTIONS", enter "A" (ADD) and start adding an index of your Users Group 1987 Newsletters (or anything else you want to encode).

\*NOTE: UNDE INSTRUCTIONS WERE ON "UN99DB/1", THEY ARE NOW ON "UNDE-START"

Eand JUG. To a copy of your completed disk with 56 cents for return plattage and JUG. Tx will send you a copy of UNDE Disks "UN99 PB/1" (DISK #1) (SINGLE SIDEO DATA DISK). JUG. TX will integrate your index with others that are being prepared. Disks #2,#3,4 ETC. (ALL DITA DISKS) WILL BE sent you for \$1,00 EACH(S/S) (WE QUIT MAKING "FLIPPIES" - LABOR COST WERE TOO HIGH!).

Join us now in making the United 99 Data Base as complete as possible. All TI-99/4 Users need an index of YOUR newsletter plus all the "good stuff" that has been published about the TI-99/4 over the past several years. You can easily search 10 single sided disks (3500 screens) in about 15 minutes. (This is a powerful search capability). If you make special disks for all TIPS, ADDRESSES, HARDWARE PROJECTS, etc., you can find anything that is on these special disks in about one minute (after PR-Base and the first disk has been loaded).

As you use "UNDB" and find new or better ways to manipulate the data (or PR-Base) please make new "HOW-TO PRB" screens and send them to JUG.TX on your input disk. Also please send us your comments, questions, "likes" and "dislikes" about UNDB. Hopefully we can answer your questions but we are still learning more about PR-Base every day. Join us in this learning experience and have fun utilizing your TI-99/4 as a Data Base manager.

John Owen, JUG.TX (Johnson Space Center Users Group)

PS. YOU DO NOT HAVE TO UNDERSTAND ALL ABOUT PRBASE OR THE UNDB IN ORDER TO GET STARTED! Just load the PRBASE disk (Data Mgm't selection) and the UNDB START disk with the disk drive number and a question mark (DSKn?). You can look at some of the screens if you wish and then press "A" to get to the first blank screen and start typing. "E" allows you to edit a screen once it has been entered and "H" gets you to the HELP definitions. Most of the Tips and Instructions are for sorting, searching, or printing special reports and may not be needed at the beginning.

J. O.

7.199/4A System for Sale. JYHES KEITH/SN3 System consists of: (7/3) 483 -7283 1 TI99/4A with 48K of RAM (TI made) color monitor with modulator (Ohio Scientific) 1 Peripheral Expansion System with SSSD 5-1/4" drive (TI made) disc drive card PHP 1250 disc control card PHP 1240 32k memory expansion card PMP1260 R9232 card extended BASIC card PHP 3026 2 SSSD 5-1/4" drives with own power supply in one box. Epson MX-80 dot-matrix printer (TI nameplate) 1 300-band modem (Mark III, TI) 1 Brotherstypewriter with 2K buffered interface functioning as letter-quality printer (also can be used as typewrite T199/4A with 16K of RAM (TI made, used as spare, never out of box) 3-plug fireware cartridgeholder (Nevarone) 1 line filter, 8 outlets, Radio Shack 26-1451 External TI disc controller PHP 1800C The following software/firmware: TI-Writer Spreadsheet (TI Microsoft Multiplan) Disc Manager (2) Terminal Emulator II Personal Recordkeeping Home Financial Decisions Household Budget Management Data Basse Management (Navarone) disc 2 5-1/4" floppy file boxes and about 20 SSSD Maxell floppies.

DARRELL KANKELT PRESIDENT

- CANDIDATEST

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- TOMNY THOMPSON: F.P.

- TOMNY THOMPSON: F.P.

- TOMNY THOMPSON: F.P.

- TOMNY THOMPSON: F.P.

- TOMNY SECRETARY (AND EDITOR)

NOTE: NEX T HTG (MAR)

WILL BE ON TUES - 22 (4<sup>th</sup> TUES)

DUE TO "LDONY" SCIENT ISTS

LUNAR USING GRC:

ALL FUTURE MTGS WILL BE ON

382 TUES, OF EACH MONTH

CONFIGURE MENU

FEE BE MERTINS: 106.FX

DEMO OF FUNELWES 4.0 -

(3)

RETAILED ONE OF THE LINE: -INDEX

# REPORT # 1 (42) - 2 LINES (THIS CAN BE MADE INTO A 1-LINE REPORT)

SUBJECT CAT. FROM MO/YR 1D# TEXT

ADD 64K IN CONSOLE H/W PROJ. JU6.TX / 07/87 49 ADDS 64K RAM TO CONSOLE, ONLY 32K PRESENT LY USABLE. USES 2 64LS128, A 74LS21 & A 74LS153. (COST=\$37). BOTH THIS AND CLULON'S VERSION GIVES 50% SPEED INCREASE.

ADDRESSES-USER SRP'S ADDRESSES MICROPEN 05/87 71 See MAY, JUNE, 1987 (Add U6 Addresses to (% sub.) issues of (UNDB. Abbreviate MICROpendium for U6 (States (i.e. JU6.TX Addresses (Scrn#71) (CLEV.OH etc.)

ADS FOR 99/4 H/W BUYING W.PENN.P 09/87 038 SEPT.87 COMPUTER SHOPPER: ALPHA SCIENTIF IC HAS AD FOR 3.5" DISK DRIVE TI CONVERS ION(\$125):128K PRINTER BUFFER(\$89): MECHA TRONICS ADF OR AVATEX 1200 MODEM (\$85).

ALPHA LOCK WARNING! WARNING MSP. MN 04/87 039 WARNING-DON'T FIX THE JOY STICK PROBLEM: IT DISABLES ALPHA LOCK PERMANENTLY! NOTE :THIS MAY BE THE RESULT OF A BAD INSTALL ATION AS FIX WORKED FOR JUG. TX MEMBER.

AMAZING ASK-KEY FILE TUTORIAL CLEV.OH 06/87 040 The Many ways ASCII files can be manipul ated from various programs for other pur

## REPORT # 2

\*Subj: ADD 64K IN CONSOLE \*Mo/Yr ADDS 64K RAM TO CONSOLE, ONLY 32K PRESENT Cat: H/N PROJ. Pg# 8 07/87 LY USABLE. USES 2 64LS128, A 74LS21 & A From: JUG.TX / PENN.OH ID# 74LS153. (COST=\$37). BOTH THIS AND CLULOW Auth: BALLMAN, MIKE 49 'S VERSION GIVES 50% SPEED INCREASE.

\*Subj:ADDRESSES-USER GRP'S\*Mo/Yr See MAY, JUNE, 1987 (Add UG Addresses to Cat:ADDRESSES Pg# 16 05/87 (& sub.) issues of :UNDB. Abbreviate From:MICROPENDIUM ID# MICROpendium for UG :States (i.e. JUG.TX Auth: 71 Addresses(Scrn#71) :CLEV.OH etc)

## REPORT #3

### UNITED99/4 "INDEX" (ONE LINE)

SUBJECT ID# FROM  =======  ADD 64K IN CONSOLE 49 JUG.TX  ADDRESSES-USER 6RP'S 71 MICROPE  ADS FOR 99/4 H/M 038 M.PENN.  ALPHA LOCK WARNING! 039 MSP.NN  AMAZING ASK-KEY FILE 040 CLEV.OH	NDIUM 05/ 87 PA 09/ 87 04/ 87			?	BY == JUG.TX JUG.TX JUG.TX JUG.TX JUG.TX	R1/88/JR0	TEXT  TEXT  ADDS 64K RAM TO CONSO  See MAY, JUNE, 1987 : SEPT. 87 COMPUTER SHOP WARNING-DON'T FIX THE The Many ways ASCII f
--	-------------------------------------	--	--	---	--	-----------	---

RPT#4A-7 LINES(40/40) HEAD. +TEXT

## REPORT #4 (ALONE)

"WHATS NEW"

Subj:ADD 64K IN CONSOLE Cat:H/W PROJ. From:JU6.TX / PENN.OH Mo/Yr:\$07/87\$ Auth:BALLMAN,MIKE Sect.:
ADDS 64K RAM TO CONSOLE,ONLY 32K PRESENT LY USABLE. USES 2 64LS12B,A 74LS21 & A 74LS153.(COST=\$37). BOTH THIS AND CLULOW'S VERSION GIVES 50% SPEED INCREASE.

Subj:ADDRESSES-USER 6RP'S Cat:ADDRESSES
From:HICROPENDIUM Mo/Yr:\$05/87\$
Auth: Sect.:R1/88/JR0
Sec MAY, JUNE, 1987 (Add U6 Addresses to UNDB. Abbreviate
MICROpendium for U6 (States (i.e. JU6.TX Addresses (Scrn#71) (CLEV.OH etc)

# REPORT # 4 +5 (TWO SCREENS - ONE HEADING)

"WHATS NEW"

Subj:BASIC# OR XBASIC Cat:PROGRAM
From:CIN DAY.OH/HOCUS.W Mo/Yr:#02/87#
Auth:CHAPMAM, STEVE Sect.:
100 REM STEVE CHAPMAN & BILL WALLBANK 11
0 REM STONE & WEBSTER ENG. CURP. 120 RAN
DOMIZE (0) 130 V=INT(RND#100) 140 IF
V<>21 THEN 170 150 V\$="EXTENDED BASIC"

160 GOTO 180 170 V\$="TI BASIC" 180 PRIN T V,V\$ USING A RANDOMIZE SEED OF 0, BASIC RETURNS 82, IBASIC RETURNS 21.

RPT#5

(4)

# Funnelwriter 4.0

by T. ARNOLD (reprinted from CLUBLINE December, 1987)

Not another version of Funnelwriter!? Well yes, but this is not just another version, it is totally new in many ways. There are two main improvements, there is a configuration program that is on the main menu and the Directory function is very much improved!!!

Let's start at the beginning. Funnelweb is now compatible with all Ramdisks including Myarc and Horizon. It can be run from any drive number but I found it works best with drive #1, my drive #1 kept coming on when running from the Ramdisk. It will also run from Myarc XBII which is really neat. I am running this configuration as I write this article and loading time is super fast. main menu of FW is similar to the previous version but it can now be altered very easily with the Configuration program. By running this program your programs are added to the load program automatically. It prompts you for the name you wish to add to the menu and the file name and type. A word of warning, be sure you know the correct names and types. Several programs I thought ran in E/A #5 were XB! It does not like

The two main options from the main menu, II Writer and E/A lead as before to the secondary menus. As the space bar toggles these two, it really makes no difference which menu you select. This version contains version 3.5 of DM1000, it seems to work fine. These menus are the same as before. The word processor or II Writer is slightly different. It now has a cursor position at the bottom of the file or EOF line. This makes it handy to determine where you are on the line. This is especially good as the split screen makes it difficult to find out where you are on the 80 column line. The screen colours can be changed in the Editor by pressing CTRL 3. A right margin warning is now included. Another nice feature is an Alpha case conversion. What's that you ask? Well if you happen to type some text in the wrong case then you simply place the cursor over the text involved and press CTRL. to convert to lower case and CTRL; to convert to upper case. Really neat! Apparently the screen rewriting has been speeded up so that you get "crisper" screen scrolling. Also the delay in word-wrap has been reduced so that there are fewer problems with loss of keystrokes.

The big difference (BIG improvement) between this version and the previous is the Show Directory command. This can be used from other areas of FW by pressing FCTN 7. When executing this command you get a quick directory of your disk in the disk drive. The normal directory information is included: names, size, type, disk name, sectors used, sectors available, etc. At the bottom of the screen is the following menu: Back, Next, Program check, Mark file, View file, Print directory, Old file, Delete file and Exit. and Next toggle you through the pages of the directory. The Program check checks your files and tells you what type of files they are. For example BX is BASIC or XB, EA is Assembly types (DF80 and Program). Mark File is used to mark files for viewing or deleting files. Viewing Yes, you can now view files on your disks while still retaining your text in memory!! This is going to be handy when you need to reference previous work. Your directory can be printed out in two column format. The Old file command resets your file name so you will save to the correct file name after viewing a file. Delete file and Exit do just what you would expect. All in all, this feature of FW 4.0 makes the ownership of this software a must.

Funnelweb also has additional features, most of which I have not had time to work on. These-include a cartridge Ram loader, a batch file loader for c99 programmers, a low memory loader and a DSR Ram loader. I have just tried the print spooler and it works!!! The old printer is running off the previous copy while I type this. Old versions did not always do this.

I hope I have wetted your appetite, Funnelweb has several other improvements which you should explore. Get it at your next Users Group meeting or order it from our Librarian. And by all means send Tony or Will McGovern a donation, they certainly deserve it. I send Money Orders in Canadian funds which they seem to cash easily. By the way, rumor has it that Will is writing an MS DOS type operating system for your TI. If you ever expect to see this send them some encouragement.

FUNNELWEB VERSION 4.0 will be available at the February 4, 1988 meeting of the BLUEGRASS 99 COMPUTER SOCIETY, INC.

JUG.TX-FEE 8A

DM1000 has the capability for printing the disk directory althouth it is not obvious to the user. After calling up the directory on the screen. FOTN 7 will do the trick. Not as well known is that there is a hidden menu that allows the user to insert printer commands so as to change the print size or line spacing, etc. This menu can be called up immediately after entering DM1000, when the version number is displayed along with the first menu. FCTN 3 gets you the hidden menu. The first choice is type of printer. I set it for a default of PIO. The suggested printer command (27 83 01 \*) is the command for subscripted printing for the Gemini printers and presumably many others. I much prefer condensed print which can be obtained using the command 27 66 03 st, or the simpler form 15 st. To save paper length, use the command 27 48 \*. This eliminates most of the space between lines of print and is still easy to read.

To get both condensed print and compressed line spacing, use the command 15 27 48 \*. The ultimate in space saving is to use compressed subscripts with reduced line spacing, codes 15 27 48 27 83 01 \*. The Esc. character .27. is needed twice in this sequence. The subscripts are not very dark but in the compressed mode, they are overstruck to give dense

letters.

The format of the command is important in that it must have numbers in pairs and also must have the trailing asterisk, which is needed when programming print codes in Basic.

The command can be saved to the DM1000 system disk for later use if there is no write protection tab on the disk. The program then returns to

the first DM1000 menu screen.

MORHAL S		
CODE: 64	* (RESET)	*

MAIL-LIST Filename		262 Used Type/No. 6	98 P -
CAT	5	PROGRAM	Ų
LOAD	6	PROGRAM	U
MSG/LABEL	3	PROGRAM	U
TI-MA/LST2	27	PROGRAM	U
UG/88/2	39	INT/FIX 150	U
UN99/88/1		INT/FIX 156	ับ

#### COMPRESSED PRINTING CODES: 15 #

MAIL-LIST		262 Used		98
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				-
CAT	5	PROGRAM		U
LDAD	6	PROGRAM		Ü
MS6/LABEL	3	PROGRAM		U
TI-MA/LST2	27	PROGRAM		Ü
U6/88/2	39	HIT/FIL 1	50	U
UN99/88/1		DOFFIX 1		
•				

## COMPRESSED PRINT WITH 1/8in. LIME SPACING CODES: 15 27 48 \*

MAIL-LIST Filename		262 Used Type/No. 4	78
CAT LOAD MS6/LABEL	3	PROGRAM PROGRAM PROGRAM	
TI-NA/LST2 U6/88/2 UN99/88/1		PROGRAM INT/FIL 130 INT/FIL 130	

#### SUBSCRIPTS CODES: 27 83 01 #

MAIL-LIGT	Free	212 Used	96
Filename		Type/Ne. 6	•
			-
CAT	5	PROGRAM	u
LOAD	4	PROGRAM	u
MBG/LABEL	3	PROGRAM	u
TI-MA/LST2	27	PROGRAM	u
UG/88/2	30	INT/FIX 150	u
UN94/46/1	14	INT/FIX 150	u

### COMPRESSED SUBSCRIPT PRINT CODES: 15 27 83 01 \*

MAIL-LIST	Free	262 Used	70
fileness		Type/Me. &	₽
			-
CAT	•	PROGRAM	u
LOAD	٠	PROGRAM	u
HSS/LABSL	3	PROGRAM	u
TI-MA/LETS	27	PROGRAM	U
U6/88/2	39	INT/FIE 180	U
UN99/86/1	14	1MT/FIE 180	u

### COMPRESSED SUBSCRIPT WITH REDUCED LINE SPACING CODES: 15 27 49 27 83 91 ×

E41	24.84	\$46 Veel Type/Mt. 6	*
CAT		-	_
LOAD		Paradas Paradas Paradas	
HOS/LASGL	27	PROGRAM	V
US/90/2	37	187/F11 100 187/F11 100	U

(G)

## LIBRARY CORNER

Dear Officers, Committee Persons, and Hembers:

There are several great Libraries among the TI-99/4A Users Groups and your LA99 Library is one of them. What makes our Library great is not only the hard work of myself but the hard work of other Users Group Librarians in exchanging Library disks with each other.

In order to keep our Library as good as it is I can not do it by syself and need your help. I know everyone of you have your own personal Library - some say be small and some are very large. What I am asking is that each one of you donate a disk to our Library from your personal Library. This will not only help our Library but will help you as well as other members. If you do not have a favorite disk, make one up with your favorite programs - be original.

When you submit your disk please print donated by and a short paragraph what the disk is about and

how to RUN it.

I know this conth we will have an election and the officers will be somewhat the same, NOT because they want the job so such, but because there are no other volunteers. This goes for the Librarian as well. The Lirarian is not an elected position but an appointed one by the President. Probably the President will ask se to again be your Librarian. My answer will depend on how successful by request to you for your help will be. So you see you do have a say in who your Librarian will be.

LIBRARIAN
FRED HOORE
7730 ENERSON AVE.
LOS ANGELES, CA 98845

P.S. To you other non LA99 members who use the LA99 Library, any disk received from you will be greatly appreciated.

NOTE:

THEIR NEWSLETTER IS ONE OF THE BEST IN THE COUNTRY,

(LIBRARY CATALOG IS INCLUDED WITH, MEMBERSHIP)

JOHN OF THE SERVICE OF THE SERVIC

THE LATT LIBRARY WISH TO GIVE TO ALL A \_ by FRED MODRE VERY MERRY CHRISTMAS

BY OFFERING TO ALL MEMBERS A SPECIAL PRICE OF \$2.00 PER DISK OF ANY DISK IN OUR LIBRARY FOR THE MONTH OF DECEMBER. PLEASE INCLUDE POSTAGE IF DISKS ARE TO BE MAILED.

LIMPLE: 3/DISK NORTHL)

Two copies Of all program disks will be made available to the members at the regular meetings. If you plan to obtain any disks from the library at the meeting it is best to phone or write the LIBRARIAN in advance to be sure they will be on hand. I will put your name on them.

0000 LATTER LIBRARY CATALOS SPECIAL PRICE \$1.00 + MAILING

SPECIFY - DISK OR HARDCORY)

2189 MEBA MENU Program to be used with SUPER SPACE II OR SUPER CART.

PROGRAMS gives 3 pages of MENU of 9 items each. (SSSD)42

2190 MERU From M.U.G. 19301 NE 19th Ave. North Miami Beach, FL 33179. A program for the Horizon Ram Disk 256K-1024K where Batch MENUing system is used. (SSSD)304 /

2156 ARCHIVER #2 V2.3 Freeware by Barry Boone P.O.1233 Sand Spring, OK 74063 Updated version PACK FILES, UNPACK FILES, CATALOB DISK, CATALOB ARC-FILES, COMPRESS UTILITY, & RETURN TO FUNLWRITER. This version will save sectors space on a disk up to 5 TO 1 when compressed. Compatiable with Barry Travers Archiver #1 #2143. auto load with E/A #5 Loader, or X/B (SSSD)31

\* NOTE: ANOTHER GREAT LIBARY IS MAINTAINED BY THE" CNIGAGO TIMES

John Owen FROM LAGGER.CA - LIN'DE FERRER"

Finally, after many years, and phone conversations, we were able to meet John. He attended our last board meeting, and gave us a hands on look at the incredible program for indexing all newsletters. That is of groups willing to participate. Kent Sheets tried to accomplish this a few years ago, good idea, little support. Hopefully this will come to pass. Look inside for further information. Thanks John, it was a pleasure. By the way, John Owen will be demonstrating this at our January 27th meeting. Let us show this gent from Houston how participatory we can be.

# LA99ER - JANBS - CHICK BEHURT! The UND899 index ... What is it?

At our board seeting this sonth I was introduced to John R. Owen of Houston, Tex. He is the editor of the Newsletter we get from the Johnson Space Center. I spent the next two enjoyable afternoons with him ( Danny Nelson joined us an the second day).

Have you ever wanted to locate an article you remember seeing in the Topics, but couldn't remember which issue it was in? I have!! Many times...and I thumb through each issue, sometimes discovering too late, it must have been in another club's newsletter. Well John may have brought this chore to an end, but he will need a little help.

He have created the UNDB99 ( United Data-Base for the 99 )using PRBASE. (a freeware program in our library). He intends to index the newsletters of as many of the clubs that he can contact (I believe three clubs are already contributing). It is my understanding that ALL the newsletters from ALL the clubs involved will be indexed and made available to anyone. Thus, if you are looking for a particular program, you will be able to find out which newsletter (or newsletters) have it. This is monumental endeavor and obviously, is not a one man project.

LA 99ch CLUB OFFICE	RS -
President:	
Tom Freeman Vice President:	(213) 454-1943
Terrie Hasters Secretary:	(213) 271-6939
Doug Moore Treasurer:	(213) 451-1869
Alan Whiteman Membership Chairma	(213) 379-8#31
Ed May Sales Chairman:	(213) 644-6241
Gail Fair	(213) 326-666#
Librarian: Fred Moore	(213) 675-4293

John will be a quest speaker at our January meeting. He will be demonstrating his Prog. Using PRBase. You will find this most enlightning, as I did. I for one purchased the original version of PRBase and gave it one quick look, and shelved it thinking it was. TOO COMPLICATED, but John Showed as how wrong I was! If you have ever wanted to try out or use PRBase, here is an excellent oppertunity to learn, using a Database that has already been created and tested. You will quickly learn to sort in two fields at one time! This is a project that is done AT YOU LEISURE and in the privacy of your own home. In any case whether you would like to help, or just want to learn more about PRBase, come to the meeting Mednesday, Jan.27th at the Torrance City Library (on Torrance Blvd. and Prairie Ave).. at 7:38.

If you haven't been to a meeting in a while come on down; you'll be pleasently surprised. P.S. There will be a drawing for a 1288 baud. Smart Modem.

Hembership in the LA 90ers, including subscription to Topics is \$25.55 per year LA 99er BBS PHONES:
213-755-7239 (Danny Nelson, Sysop) and 213-864-2488 (Steve Chalcraft, Sysop)

LA 99ers Computer Group P.O.Box 3547 Gardena, CA 90247-7247

NOTE from John Owen, JUG.TX – Feb. '98 F

I finally got to meet this great bunch of people (and TI 99/4A enthusiasts!!). Tom. Terrie, Chick. Alan. Fred. Danny and many others gave me the "royal treatment"

The "UNITED 99/4 DATA BASE" demo on 27 Jan. 188 in Torrance was a lot of fun! (and well received). Three LA99ers volunteered to encode their great newsletter: Jan Williams, Alan Whiteman and Chick DeMarti.

Fred Moore invited me to his home - and what a library! Great!! Chick DeMarti, Danny Nelson and I spent a number of enjoyable hours at Chick's home exercising the "UNDB".

J.O.

F.S. Danny Nelson is a great TIRRS SYSOF -call him! (2/3)-755-7239

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Dear Officers, Committee Persons, and Members:

There are several great Libraries among the TI-99/4A Users Groups and your LA99 Library is one of them. What makes our Library great is not only the hard work of syself but the hard work of other Users Group Librarians in exchanging Library disks with each other.

In order to keep our Library as good as it is I can not do it by syself and need your help. I know everyone of you have your own personal Library - some say be small and some are very large. What I am asking is that each one of you donate a disk to our Library from your personal Library. This will not only help our Library but will help you as well as other members. If you do not have a favorite disk, make one up with your favorite programs - be original.

When you subsit your disk please print "donated by
" and a short paragraph what the disk is about and

how to RUN it.

I know this south we will have an election and the officers will be somewhat the same, NOT because they want the job so such, but because there are no other volunteers. This goes for the Librarian as well. The Lirarian is not an elected position but an appointed one by the President. Probably the President will ask me to again be your Librarian. My answer will depend on how successful my request to you for your help will be. So you see you do have a say in who your Librarian will be.

LIBRARIAN
FRED HOORE
7730 EMERSON AVE.
LOS ANGELES, CA 98845

P.S. To you other non LA99 sembers who use the LA99 Library, any disk received from you will be greatly appreciated.

NOTE:

IF YOU WANT ACCESS TO A GREAT TIPPLY LIBERTY,

SEND 20 FOL MEMBERSHIP TO:

LA 99ers Computer Group P.O. Box 3547 Gardens, CA 90247-7247

THEIR NEWSLETTER IS ONE OF THE BEST IN THE COUNTRY,

(LIBRARY CATALOG IS INCLUDED WITH, NEMBERSHIP)

JOHN OFFER

THE LAPP LIBRARY WISH TO GIVE TO ALL A \_ by FRED MOORE VERY MERRY CHRISTMAS

BY OFFERING TO ALL MEMBERS A SPECIAL PRICE OF \$2.00 PER DISK OF ANY DISK IN OUR LIBRARY FOR THE MONTH OF DECEMBER. PLEASE INCLUDE POSTAGE IF DISKS ARE TO BE MAILED.

L(NOTE: "3/DISK NORTHLE)

Two copies Of all program disks will be made available to the members at the regular meetings. If you plan to obtain any disks from the library at the meeting it is best to phone or write the LIBRARIAN in advance to be sure they will be on hand. I will put your name on them.

0000 LATTER LIBRARY CATALOS SPECIAL PRICE \$1.00 + MAILING

2189 MEDA MENU Program to be used with SUPER SPACE II OR SUPER CART. PROGRAMS gives 3 pages of MENU of 9 items each. (SSSD)42

2190 MERU From M.U.G. 19301 NE 19th Ave. North Miami Beach, FL 33179. A program for the Horizon Ram Disk 256K-1024K where Batch MENUing system is used. (SSSD)304 /

2156 ARCHIVER #2 V2.3 Freeware by Barry Boone P.O.1233 Sand Spring, OK 74063 Updated version PACK FILES, UNPACK FILES, CATALOB DISK, CATALOB ARC-FILES, COMPRESS UTILITY, & RETURN TO FUNLWRITER. This version will save sectors space on a disk up to 5 TO 1 when compressed. Compatiable with Barry Travers Archiver #1 #2143. auto load with E/A #5 Loader, or X/B (SSSD)31

\* NOTE: ANOTHER GREAT LIBARY IS MAINTAINED BY THE" CNIGAGO TIMES

John Owen FRAM LA PPER. CA - JAN 'BB) TERRE "
Finally, after any years, and phone conversations,
we were able to meet John. He attended our last board
meeting, and gave us a hands on look at the incredible
program for indexing all newsletters. That is of groups
willing to participate. Kent Sheets tried to accomplish
this a few years ago, good idea, little support.
Hopefully this will come to pass. Look inside for
further information. Thanks John, it was a pleasure. By
the way, John Owen will be demonstrating this at our
January 27th meeting. Let us show this gent from Houston
how participatory we can be.

# LA99 ER - JANSS - CHICK DEMURT! The UNDS99 index ... What is it?

At our board meeting this month I was introduced to John R. Owen of Houston, Tex. He is the editor of the Newsletter we get from the Johnson Space Center. I spent the next two enjoyable afternoons with him (Danny Nelson joined us an the second day).

Have you ever wanted to locate an article you remember seeing in the Topics, but couldn't remember which issue it was in? I have!! Many times...and I thumb through each issue, sometimes discovering too late, it must have been in another club's newslatter. Well John may have brought this chore to an end, but he will need a little help.

He have created the UNDB99 ( United Data-Base for the 99 )using PRBASE. (a freeware program in our liviary). He intends to index the newsletters of as eany of the clubs that he can contact (I believe three clubs are already contributing). It is my understanding that ALL the newsletters from ALL the clubs involved will be indexed and made available to anyone. Thus, if you are looking for a particular program, you will be able to find out which newsletter (or newsletters) have it. This is monumental endeavor and obviously, is not a one man project.

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LA 99ch CLUB OFFICE	ers -
President:	
Tom Freeman Vice President:	(213) 454-1943
Terrie Hasters Secretary:	(213) 271-6938
Doug Moore Treasurer:	(213) 451-1869
Alan Whiteman Membership Chairm	(213) 379-8031
Ed May Sales Chairman:	(213) 644-6241
Gail Fair	(213) 326-666
Librarian: Fred Moore	(213) 678-4293

John will be a quest speaker at our January seeting. He will be desonstrating his Prog. USING PRBase. You will find this most enlightning, as I did. I for one purchased the original version of PRBase and gave it one quick look, and shelved it thinking it was ... TOO COMPLICATED, but John showed as how wrong I was! If you have ever wanted to try out or use PRBase, here is an excellent oppertunity to learn, using a Database that has already been created and tested. You will quickly learn to sort in two fields at one time! This is a project that is done AT YOU LEISURE and in the privacy of your own home. In any case whether you would like to help, or just want to learn more about PRBase, come to the meeting Mednesday, Jan.27th at the Torrance City Library (on Torrance Blvd. and Prairie Ave)... at 7:38.

If you haven't been to a seeting in a while come on down; you'll be pleasently surprised. P.S. There will be a drawing for a 1289 baud. Smart Modem.

والمهارية والمراز والمراجع والمراجع والمنتسوم والمعاج والمارات

Membership in the LA 99ers, including subscription to Topics is \$25.55 per year LA 99er BBS PHONES:
213-755-7239 (Danny Nelson, Sysop) and 213-864-2488 (Steve Chalcraft, Sysop)

LA 99ers Computer Group P.O.Box 3547 Gardena, CA 90247-7247

NOTE from John Owen, JUG.TX - Feb. 188

I finally got to meet this great bunch of people (and TI 99/4A enthusiasts!!). Tom. Terrie, Chick. Alan. Fred. Danny and many others gave me the "royal treatment"

The "UNITED 99/4 DATA BASE" demo on 27 Jan. '88 in Torrance was a lot of fun! (and well received). Three LA99ers volunteered to encode their great newsletter: Jan Williams, Alan Whiteman and Chick DeMarti.

Fred Moore invited me to his home - and what a library! Great!! Chick DeMarti, Danny Nelson and I spent a number of enjoyable hours at Chick's home exercising the "UNDB".

J.O.

F.S. Danny Nelson is a great TIBBS SYSOF -call him! (2/3)-755-7239

## From : HUG. TX - FEE'38 (RICHARD LUMPKIN)

As a follow-up to the July 1987 article in MICROpendium on the Avatex modems: On checking out this product line, I found that Avatex has up-graded their units. This upgrade is NOT readily apparent, in that the 1200 is now replaced by the "1200E" (for "economy model") and since it is now in a cheaper\_ looking case, it might be mis-understood as being a lesser miece of equipment.

The 1200E now has essentially all the circuitry and features of the OLD 1200HC, except for the missing front switches for speed selection and Data/Voice. The power switch is now located on the back. The modes perferas and matches the features of the old 1200MC in all other respects, and is essentially "Hayes Compatible" and is further upgraded to allow the European CCITT system to be software selected. All eight DIP switch selections are available as pre-sets for the default "start-up" conditions of operation; other conditions may be set through software commands in the "Command" mode ("AT" Command Set). Price at most sources is DOMN by \$5.00 to \$10.00 and this unit is available at \$85.00 postage paid through one source.

The "1200HC" is available but has been up-graded. It is alsost totally new in the internal circuitry, and incorporates many of the features of the Avatex "2400" models: it is actually a "Hayes Identical" unit with 12 BIP switches on the bottom, and has all seventeen of the Hayes registers (SO to Sié) plus a Register 18 (S17) which controls the speaker setting, call progress status, and speed selection setting. So far as I have been able to determine, this unit matches to the Hayes Command set, register positions and values, and DIP switch functions exactly, to the latest versions of the Hayes 1200 bes units.

One thing that Avatex did not change was the model name: "1200HC". AND, since they did not change the BOX it came in or even the picture on the front of the manual, the only indication of a changed unit inside was that the NEN 1200 MC has different front panel switches: Beta/Veice; Orig/Answer; Byn/Anynchronows; plus the new location of power switch to the back panel and the BIPs to the betton. If you order one, have your seller check to make sure you are getting the New model.

ine New 1200 no also has slightly different less indicators on the front (they now match the Hayes LEDs except for the Hayes having a "MR" Modem Ready instead of just a "POWER" LED):

POMER TR SD RD HS CD OH AA
"on" "DTR "send- "recv- "high "carrier "off "autosignal ing ing speed detect" hook" answer
active" data" data" 1200"

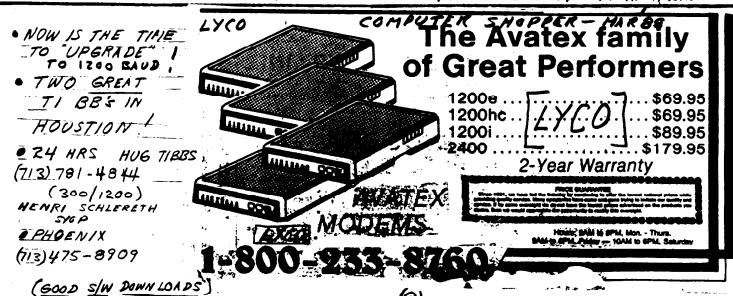
Since the Messages that can be displayed include "NO DIAL TONE", "BUSY", "NO ANSMER", "CONNECT", "NO CARRIER", and "RING" for incoming ringing, a fairly complete call progress status can be maintained even without turning on the speaker. The only dis-advantage that I felt with this unit was in not having a speaker "on" all the time with a volume control—you can change the speaker activity and volume only by COMMANDs. Also, the front panel switch for "speed" is gone. You probably wont miss it, since the unit automatically adjusts to the speed of your RS232 signal whenever the first "AT" command is entered, OR adjusts to the distant terminal's speed when in Answer mode (auto or manual).

The 1200HC I purchased works sicely in all the "modes" I have attempted. I have not found anything it is supposed to do that it does not do clearly and directly. The model::1200 HC is available from some Computer Shopper sources for less than \$100.00.

The Avatex 1200E is probably as such modes as most TI users (and even PC users) need or can even find a use for, in terms of features and usefulness, and "compatibility". If you want to be a little more sure of never "meeding" a feature or compatibility OR if you ever expect to meed Synchronous operation into a mainframe, you could consider the 1200 NE. If you were REALLY into buying for the future or if you are buying for a 308 setup, you could consider a 2400 bps modes, which might also be useful in inter-office or to-office local communications, but the 2400 bps means is not yet well stabilized as to "standards" such as error segging and correction methods, regardless of CCITT v.22 and MP error correction being widely used.

r. luspkin--Houston Users Broup--Fab.86

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## NEWS FROM THE PECAN GROVE by Edgar Dohmann - 2/18/88

Well it's getting time to get back into action for the 1988 pecan crop. Soon I will have to start spraying, fertilizing, and mowing on a regular basis. We're keeping our tingers crossed that we won't have a repeat of last year's spring freeze that pretty well wiped out the 1987 crop.

This month I thought I would write a little different type of article. One of the things that fascinates me about the TI-99/4A is the variety of languages available for it and how well suited the machine is for learning these languages. One language that hasn't gotten too much press lately is FORTH. Since Jim Wray and I wrote SUPER 4TH, I thought I would write a FORTH article once.

There are two pages of screens at the end of this article with some interesting features. In 1986 I started working on a package I was going to release as Fairware called SUPER 4TH TOOLKIT I. This project got put on hold due to the demands of TI WORKSHOP but I hope to resurrect it this year.

As a preview, I thought I would publish some of the screens in the SUPER 4TH TOOLKIT, then later make them available on a Fairware disk.

The first set of screens (200-202 & 240-242) shows a shadow print concept where two sets of screens can be printed side by side using compressed print. The thought here was that you could write your code on one set of contiguous screens (200-202 in this example) and document them on another set of contiguous screens (240-242 in this example). Then when they are printed using the shadow print feature, the code will be down the left side of the page and the documentation will be down the right side of the page.

First some basic utility words are defined on screen 201. These are the words .2LINE, 2LR1, 2LIST, and 2PRINT. These are the basic words that support printing 2 screens on a page. Then the words STRIAD, STRIADS, 2TRIAD, and 2TRIADS actually print the screens on the page.

The screen printout included with this article was printed using STRIAD as follows:

## 240 200 STRIAD

This prints 3 screens starting with 200 down the left side of the page and 3 screens starting with 240 down the right side of the page. The STRIADS word is similar but prints multiple pages of screen information. For example the command: )

## 240 200 21 STRIADS

would print 7 pages of information with screens 200-220 down the left side of the pages and 240-260 down the RIGHT side of the pages.

(10)

The STRIAD and STRIADS words are specifically intended for printing code and documentation as demonstrated on the printout following this article. Another set of similar words, 2TRIAD and 2TRIADS print 6 screens per page but these print consecutive facreens. For example, the command:

#### 200 2TRIAD

would print the screens 200-205 all on one PAGE Screens 200, 202, and 204 would be down the left side of the page while 201, 203, and 205 would be down the right side of the page.

The second set of screens included with this article is a handy D/V80 to FORTH converter. Screens 206 & 207 contain several basic utility words. Screen 208 contains the words that actually read & write Forth screens as D/V 80 files. (You may note that I haven't formally documented these screens using my shadow print routine yet — this is as far as I got before getting waylaid by TI WORKSHOP).

The D/V 80 conversion words are as follows:

FLIST - writes a single screen to disk in D/V 80 format FTRIAD - similar to the standard TRIAD word but writes 3 screens to disk in D/V 80 format

FTRIADS - similar to the standard TRIADS word but writes the range of screens specified to disk in D/V 80 format

FPRINT - similar to FTRIADS but the SCR# header and line numbers that normally are printed with screen data are omitted. Screens stored with FPRINT can be recalled with FREAD.

FREAD - reads the contents of a D/V 80 file into Forth screens.

Note: before using any of these words you must first execute the SET-FIL word to specify which file you want to read or write. After any of the words above are executed, the file will be closed. The SET-FIL word is executed as follows:

#### SET-FIL DSK1.MYFILE

where DSK1.MYFILE is the standard method of specifying disk number and file names.

There are several advantages to words like these. They allow you to create Forth code using your favorite word processor editor rather than being limited to the Forth editors. They also make it possible to easily transmit & receive Forth screens via modem.

All of the screens following this article were written for use with SUPER 4TH. They can be adapted for TI FORTH with a minimum of effort by writing a few new words for TI FORTH. For example, TI FORTH does not have the words DEC, 2DROP, and a few others that are used in these examples.

(11)

```
SC8 # 200
                                                                     SCR # 240
  O ( SUPER 4TH TOOLKIT I by Edgar Dohmann )
                                                                      O SUPER ATH TOOLKIT I Credit and Copyright Motice
  2 This set of utilities and routines is a commercial product
                                                                      2 This notice provides author credit and publisher copyright.
  3 published and marketed by DataBioTics, Inc. It is protected
  4 by U.S. Copyright laws.
                                                                      4
  6 The utilities and routines contained in this toolkit may be
                                                                      6 The utilities and routines contained in this toolkit may be
  7 used in SUPER 4TH applications that are distributed as a
                                                                      7 used in SUPER 4TH applications that are distributed as a
  8 commercial product or through public domain. Copies of this
                                                                      8 commercial product or through public domain. Copies of this
  9 disk may only be made for the backup use of the original
                                                                      9 disk may only be made for the backup use of the original
 10 purchaser.
                                                                     10 perchaser.
 11
                                                                     11
 12
                                                                     12
 13
                                                                     13
 14
                                                                    14
 15 SUPER 4TH TOOLKIT I Copyright (c) 1986 by DataBioTics, Inc.
                                                                    15 SUPER 4TH TOOLKIT I Copyright (c) 1986 by DataBioTics, Inc.
 SCR # 201
                                                                    978 # 241
  0 ( SHADOW PRINT SUPPORT - screen 1 of 2 )
                                                                     O SHADOW PRINT SUPPORT - Parmits the side-by-side point of 2
  1 BASE->R DEC
                                                                                               screens. All screens must be text only
  2 : . 2LINE (LINE) TYPE :
                                                                     2 .2LIME
                                                                                ( a serf --- ) Like .LIME but trailing blanks are not
                                                                                               deleted
  4 : 2CB1 2 .R SPACE DUP SCR ! ;
                                                                     4 ZL11
                                                                                ( al a2 - al ) Internal routine used by ZLIST.
  6 : ZLIST BASE->R DEC CR DUP . SCR # " . 57 SPACES SWAP DUP
                                                                     6 2LIST
                                                                                ( a) a2 -- al a2 f ) Prints 2 screens side-by-side
      ." SCR # " . SWAP L/SCR 0 DO CR I 2LR1 I SCR @ .2LIME SWAP I
                                                                                               on the terminal, m2 is on the Jeft, m1
                                                                     7
      2LRI I SCR @ .LINE SWAP PAUSE IF O LEAVE ENDIF LOOP DUP O-
                                                                                               is on the right I is the PAUSE flag.
  9
     IF DROP 1 ELSE O ENDIF CE E->BASE ;
10
                                                                    10
11 : ZPRINT SUCE 2LIST 2DROP DROP DESUCE ;
                                                                                ( al a2 --- ) Switches output device to the printer
                                                                    11 PRINT
12
                                                                    12
                                                                                               then uses 2LIST to print the screens.
13 : STRIAD SWCE 3 0 DO 2LIST IF UNSUCE 2DROP QUIT ENDIF CE 1+
                                                                    13 STRIAD
                                                                                ( al a2 - ) Prints 3 screens on the left and 3 on
14 SWAP 1+ SWAP LOOP 2DROP 15 MESSAGE 12 EMIT THESPOH ;
                                                                    14
                                                                                               the right side of the page starting at
15 1->BASE -->
                                                                    15
                                                                                               screens al and a2.
SCB # 202
                                                                    901 # 242
 0 ( SHADOW PRINT SUPPORT - screen 2 of 2 )
                                                                     O SHADOW PRINT SUPPORT (cost)
 1 BASE->R DEC
 3 : STEIADS 0 DO STEIAD 3 +LOOP ;
                                                                     3 STRIADS ( al a2 cut --- ) Prints cut screens dong the right
                                                                                               and left sides of the page.
 5 : 2TRIAD SPCH 3 0 DO DUP 1+ SWAP 2LIST IF UNSUCH 20ROF QUIT
                                                                     5 ZTRIAD
                                                                                               Dual TRIAD. Prints 6 screens on one
                                                                               (2-)
     ENDIF DROP 1+ LOOP DROP 15 MESSAGE 12 EMIT BRSDCE ;
                                                                                               page starting at screen a.
 8 : 2TRIADS SWAP DO I 2TRIAD 6 +LOOP :
                                                                    8 2TRIADS ( al a2 --- ) Dual TRIADS. Prints 6 screens per page
                                                                                               from screen al to screen a2.
10
                                                                    10
11
                                                                    11
                                                                               ZTRIAD and ZTRIADS are similar to TRIAD and TRIADS
12
                                                                    12
                                                                                but with 6 screens per page. STRIAD and STRIADS are
13
                                                                   13
                                                                               for Shadow Print of screens and documentation. Care
14 B->BASE
                                                                   14
                                                                               should be taken to only print text screens with these
15
                                                                   15
                                                                               words because no ?ASCII check is made.
```