

HOOSTER USERS GROUP USERS GROUP HOOSTER GROUP HOOSIER USERS HOOSIER USERS GROUP

HOOSTER USERS GROUP HOOSTER USERS GROUP HOOSTER USERS GROUP HOOSTER USERS GROUP HOOSTER USERS GROUP USERS GROUP HOOSIER USERS

THE HUGgers HOOSIER USERS GROUP

HOOSTER USERS GROUP USERS GROUP HOOSTER GROUP HOOSTER USERS HOOSIER USERS GROUP

USERS GROUP HOOSIER USERS

JUNE, 1984

THE HUGgers NEWSLETTER

VOLUME 2, NUMBER 3

THE OFFICER'S CORNER.

Hello folks! I hope everybody had a safe Memorial Day weekend. I thought I would give a little bit of the history of the Hoosier Users Group this month.

On May 23, 1982, in the back room of MicroComputers, the first formal meeting of the Hoosier Users Group was held with 13 in attendance. By February, 1983, a committee was organized and beginning to draft a constitution to gain recognition, from II, as an official users group. The first issue of our HUGger Newsletter rolled off the press in April, 1983. Kirk Ostby gave the group a computer graphics program of our now famous "TI HUGger" logo. The "HUGger" gave our Users Group national and international recognition when it was published in the Group Grapevine of 99'er Magazine.

With our Constitution on its way to TI, we had a special quest speaker at our June meeting, Jim Schwaller, of Extended Software; Cincinnati, Ohio. By the July meeting we received word from 11 that the Hoosier Users Broop was an "Officially recognized Users Group". By fall, Jim Richason graduated two BASIC classes, Tom Allington was teaching an Extended BASIC class.

By year's end, plans were being made for Computer Awareness Classes, a third BASIC class, Regional Meetings, and a Bulletin Board System. We sure have come a long way from that first meeting over coffee and donuts! Now to the present....

May 12, 1984 marked another "first" in the history of the Hoosier Users Group. On that day, OUR Bulletin Board System became a reality. To my knowledge it is the first and only T1 Bulletin Board System running solely on a TI system in this state. At the June meeting, I will be handing out Reference Suides, which will include the phone number, the "Help" file, and other hints and tips about the operation of this HUGbbs. I will formally announce the phone number here in the Officers Corner of the July Newsletter.

And now on to other business.... On July, 6, 7, and 8, there will be a Home Computer Show at Blendale Shopping Center. The Group has made an application for Club Booth Space. I should know within two weeks if the group will be setting up a booth at this show.

Also....As of June 30, all Cash Credit Cards will expire. This change was adopted in an effort to make the group more financially sound (and reduce paperwork too!) The Cash Credit Card will be good on all new active membership's and renewals up until that time. With all the benefits that the Users Group has to offer its active members, it's still a bargain at fifteen or twenty dollars!

Thanks for your continued support in the past two years and I look forward to seeing you at our June 19th meeting in our new "home"! J. Steven Sims, President

NEXT MEETING WILL BE JUNE 10, AT 2:00 AT CREATIVE LOGIC (SEE MAP ON PAGE 3)

SCHEDULED DEMO: GETTING STARTED IN FORTH

Regional Meetings:

East: June 21, at 7:00 pm

South: June 21, at 7:30 pm

details Page 2 for meeting locations.

NEW PO BOX! -- The Hoosier Users Group has a new PO Box. Our new address is: P. O. Box 2222, Indianapolis. 46206-2222. Please make a note of this, address change is effective immediately!

HUGger BBS -- There will be a Reference Guide available (for members, of course) at the June meeting. This Reference Guide will give helpful information and tips on the use of our HUGger BBS.

Dial-A-HUGger -- For those who returnded their HUGger Profile and requested to be a included in the Dial-A-HUGger Modem Directory, a special thanks. Printing of the directories will start June 11. If you requested to be included in this directory, one will be sent to you. you would still like to be included, your HUGger Profile must be returned to the P.O. Box by June 9th or turned in at the June 10th meeting.

UPCOMING EVENTS

Indy HamFest, July 8 at the fairgrounds

and

Computer Show at Glendale Shopping Center. July 6, 7, and 8.

HAPPY BIRTHDAY!

Happy Birthday to these June, 1983 members! Dr. John Brown, James & Emma Crawford, Charles Hull, Wayne Biggerstaff, Brent Woods, Andy Armstrong, Matthew Brown, Dennis Sherfy, Bruce & Janet Hutchins, Joe Edmiston, Richard S. Griffith, M.D., Ron Malone, and James Gilday.

UELCOME!

Welcome to these new Hoosier Users Group members! Thomas Weakley, Glen Walter, John Walter, Todd Triplett, Larry Conner and Alfredo Gedeon.

REGIONAL NEWS

EAST SIDE REGIONAL NEWS

The next East Side meeting will be held Thursday, June 21 at Little Peoples Prep School starting at 7:00 p.m. Little Peoples Prep is located at 6040 East Pleasant Run Parkway. (East Pleasant Run Parkway & Arlington). Please use Pleasant Run Parkway entrance: there are several doors to the building, but this will be the only one open.

If you need directions to Little Peoples, please call. My phone numbers are: Home: 353-1862, and Office: 357-9031.

Don Lang

SOUTH SIDE REGIONAL NEWS

The next South Side meeting will be held Thursday, June 21, at my home --- 4582 Moccasin Pl., Greenwood, starting at 7:30 p.m.

The South Side'rs are interested in starting an Extended BASIC class at Dennis' home. If anybody is interested, please call me at 881-5918.

Dennis Sherfy

CONSOLE COMMENTS by Bill Jones Crawfordsville, Indiana

While the snow here in late March Keeps me inside, I thought I'd do an article on some of the ways I use my Home Computer. I, like many other users, always had to compete with my two children for the console. The solution was to get them their own 4A so they could do their educational modules and games while I play with my modem, disks and Pirates Isle Adventure.

The best use I get from my 4A is when using it to drive my Prowriter printer. I am extremely satisfied with this printer and its many extra features, such as proportional spacing and reverse line feed. My printer is used many evenings to print thousands of small bucket labels (for our link Manufacturing plant) where we need many word changes in varied amounts. I run these off while I catch the next episode of Automan on cable TV.

One of the most complex and useful chores my TI Home Computer does, runs a program which I use to pay all my monthly bills. It is called Checkwriter. It writes on continuous form checks from a file maker program that creates address and amount files of all my monthly payments. Each check is imprinted with the date, amount, account number, mailing address, due and last date. Twice a month I sit down and pay my bills, sign checks, and insert them into window envelopes. Then Checkwriter prints a summary sheet of all checks written. This program reduces a 6 hour a month task down to 15 minutes and virtually prevents any overdrafts (on this account, anyway).

If you have any use for this type of personal payables program, or lots of labels, catch me at the next meeting.....Bill Jones

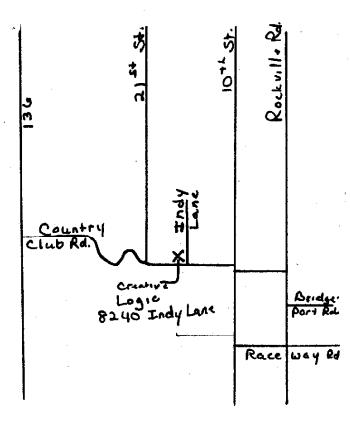
MAY'S WORDSEARCH ANSWERS

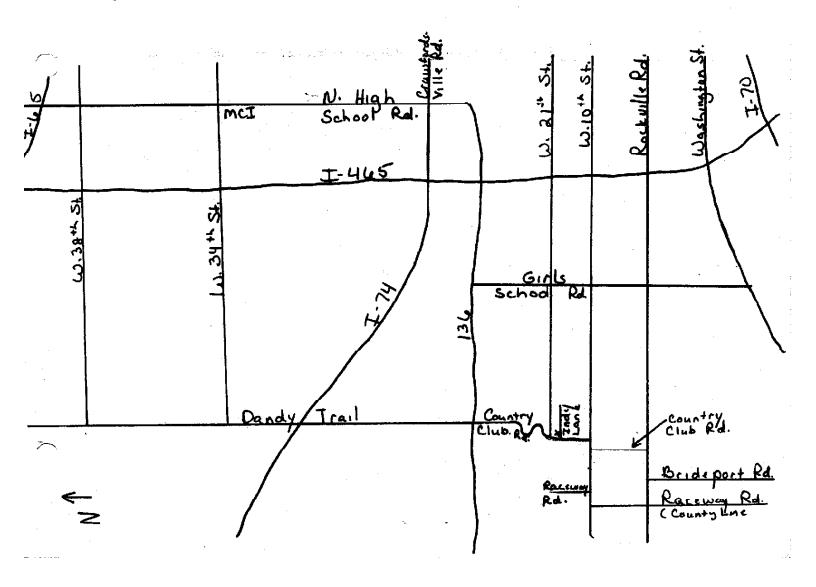
WORD LIST	P00L
ABORT BOOT BUFFER CREATE COMPILE DECIMAL DIGIT EDIT EXECUTE ERROR FORTH LOOP MAGNIFY PAUSE RANDOMIZE SCREEN SMUDGE SPRITE	YRALUBACOV
UPDATE VOCABULARY	UPDATE.LEZIMODNAR

WE'RE MOVING!

We're packing our bags and stuffing our P-Box. The HUGgers are moving! The Hoosier Users Group is about to embrace a new home. Creative Logic Equipment Co. has kindly offered their convention facilities for our monthly club meetings. We will have at our disposal a large meeting room, conference room and snack area. Our new meeting place is located a short distance from MicroComputers, Inc.

To get to Creative Logic, go West on 34th till l t dead ends Trail/Country Club Road. Then go left (South) until you see Creative Logic's sign on the Those coming from the South may take 10th Street West from I-465 to Country Club Creative Logic is located between 10th and 21st Streets on the East side of Country Road. Someone will stop MicroComputers shortly after 2:00 to catch any strays.





KEY CODE / TOKENIZED BASIC CODE CHART

Compiled by Don Donlan

COMMAND ASCII/Hex Key COMMAND ACSCII/Hex Key COMMAND ASCII/Hex Key COMMAND ASCII/	/Rex	Key
Narks EDL	CCA	T1

HOME COMPUTER SALE

	PANASONIC MONITOR
P-Box (PHP-1200)	CT 160
Disk Controller (PHP-1240)	10" Dia. Display
Disk Drive (PHP-1250)	Dual Mode - B/W & Color\$265.95
32 K Card (PHP-1260)	
All For\$495.00	
	DISK DRIVES
TI 99/4A CONSOLE\$ 85.95	Percom Single Sided Single Density
	92 K Formatted
	Built-In Controller
DIRECT CONNECT MODEMS	Cable To TI Expansion Port
	Includes Disk Mgr. Cartridge
Volksmodem 300 Baud	Does Not Require P-Box\$390.00
Requires 9V. Battery\$ 64.95	
Cable For Above For TI\$ 10.50	Percom Add-On Drive
	Requires Above Unit\$330.00
Signalman Mark VII	_
Auto/Answer/Originate	Tandon Single Sided Bare Drive
300 Baud\$125.00	Requires Dick Controller Card
	Fits TI P-Box\$225.00
Signalman Mark XII	
Bell 212A Compatible	
1200/300/110 Baud\$329.95	TI CARTRIDGES
DOT MATRIX _ PRINTERS	Extended Basic\$80.00
DOT MATRIX PRINTERS	TE II\$20.00
	Mini-Mem\$80.00
Gorilla Banana 50 CPS	TI Writer\$80.00
Farallel or Serial\$180.00	Mult1 Plan\$80.00
	Editor/Assembler\$34.00
Panasonic KX-P1090	
Parallol - Optional RS232C	
Tractor & Friction Feed	Navarone Disk Fixer
Bi-Directional\$340.00	Cartridge\$33.00
	Navarone Cartridge Expander\$33.00
C. ITOH Prowriter	
10" Carriage 120 CPS	
8510 AP Parallel\$420.00	CORCOMP CARDS FOR P-Box
8510 BC2 Serial\$600.00	
•	RS232\$ 85.00
	32 K Card\$119.00
LETTER QUALITY PRINTERS	
	·
C. ITOH Starwriter	Other Equipment Available Including
15" Carriage 18 CPS	
A-10-20P Parallel\$625.00	LEADING EDGE COMPUTER
· — * + + + + + + + + + + + + + + + + + +	
A-10-20S Serial\$625.00	ZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ
A-10-20S Serial\$625.00	Quantities Limited
A-10-20S Serial\$625.00	

ADVANCED TECHNICAL SALES
P.O. Box 285
Noblesville, IN. 46060

(317) 896-5474 Weekdays 7-10 P.M.

BEST OF THE NEWSLETTER!

THE HEART AND SOUL OF PERSONAL RECORD KEEPING

by Don Donlan (Part II)

The HEADER subprogram which resides in the Personal Record Keeping command module provides access to a "data dictionary". This dictionary defines the data that has been created by the PRK module. As I mentioned in the last article there are two formats or ways to code the "call" for this subprogram. For numeric information use [CALL H(R/W,INFO,FLD,V)] and to read/write character information use the format [CALL H(R/W,INFO,FLD,V\$)]. If the "R/W" variable is "1" the subprogram will "read" information from the Header record. If the "R/W" variable is "0" (zero), the subprogram writes information to the Header record. "V" and "V\$" are used, depending on which kind of information you wish to retrieve (V for numeric; V\$ for character). The "FLD" variable is sometimes ignored, sometimes required, depending on what number is in the "INFO" variable. "INFO" is a number between 1 and 14 which determines what Header record information you will read or write. A "FLD" number is ignored for the first 8 kinds of information; the rest require a "FLD" number. The fourteen kinds of information stored by the Header record are as follows:

- 1 = File Name up to 10 characters long.
- 2 = Day of the month (a number from 1 to 31).
- 3 = Month (a number from 1 to 12).
- 4 =Year (a number from 0 to 99).
- 5 = Number of fields per record (a very important number because it will determine how many times we will need to ask for information found for the information types 9 thru 14 shown below). This number is automatically incremented each time a new "highest numbered" field is defined
- 6 = Number of records in this PRK file (also automatically incremented each time a new "highest numbered record" is written).
- 7 = Size of Header record (length is automatically calculated and entered).
- 8 = Size of the Data record (this too is automatically calculated and stored).

Now we come to the Header record information that describes the individual fields within each data record. This sequence of information is repeated for each of the fields, up to the number of fields indicated in Header record information 5 (see above). If "FLD" is 1, the first Data record is defined; if 2, the second; if 3, the third and so on.

- 9 = Name of the data field (up to 10 characters long).
- 10 = Type of Data field: 1=character 2=integer 3=decimal 4=Exponential.
- 11 = Size of Data field. This depends on the type:
 Character data fields are 1 to 15 bytes long.
 Integer data fields are 1 to 10 bytes long.
 Decimal data fields are 2 to 11 bytes long.

Exponential or scientific notation fields are 8 to 13 bytes long.

- 12 = Number of decimal places. For character and integer data, this is zero.

 For decimal data, the number would range from 1 to "size" minus 1.

 And for Exponential or scientific notation the number is 0 to 5.
- 13 = Amount of space required for the Data field (as set by Header subprogram).
- 14 = Position of this field within Data record (as set by Header

As you can see, with this kind of information you can reveal the data base structure of this PRK file. I don't know if you could use a BASIC program and the Header subprogram to write your own data base structure. It would be interesting to see what would happen A typical Header record might look like this:

BEST OF THE NEWSLETTER!

THE HEART AND SOUL OF PERSONAL RECORD KEEPING

by Don Donlan (Part II, cont'd)

MYRECORDS_10_22_83_2_15_50_30_NAME_1_15_0_15_1_PHONE NO._1_15_0_15_16

I use the "_" character to set the "INFO" fields apart. Above would be header record for a file called "MYRECORDS" which was last used October 22, 1983. It says there are 2 fields for every Data record, 15 such records in the file. The length of the header record itself is 50 bytes; the size of each data record is 30 bytes. The name of the first of our two fields is "NAME", which will have up to 15 characters of information in it, so we'll reserve 15 bytes. This first field starts in position 1 of the Data record. Our second sample field is called "PHONE NO.", again a 15 byte character field that needs up to 15 positions in the record, so we'll start it in position 16. The sample Header record above could be the start of a phone and telephone number data base that was created by the PRK command module. If you have the PRK module you might want go ahead and make up such a sample file and store it on disk for use by the programs that we will be presenting at the end of these articles. That way you will be able to 'test things out' on your own.

Next month we will review the GETPUT subprogram, the utility that reads and writes the Data records created/retreived by the PRK command module.

This "Best of the Newsletter" appeared in the November, 1983 issue of the HUGger Newsletter.

LIBRARY BITS

by Dennis Sherfy

This article was taken, in full, from the 99/4 Users Of America, May, 1984 Newsletter.

P-CODE CARD: POP GOES THE DIODE!

We have found a 100% failure the P-Code rate ΟN cards manufactured the fifty-second week of 1982. The card self-destructs whether you use it or not! As long as it is plugged into the peripheral cabinent it draws power, even though it may be turned off. This is due to a factory defective diode that does not allow current to drain off properly. If you have a P-Code card that has popped its cork, don't take it to your friendly exchange center and shell out \$42 for a new one! Call TI CARES and request a new card! You don't have to pay for blunders, oversights, or factory what ever. The new cards have a germanium diode in them corrects the problem.

This month's column looks at two programs which feature the TI Computer's color capability.

The first program is COLORCOMBO. The assortment of colors provided by the TI Computer is rather limited, only 16. This program shows you how two colors can be combined to create a new color. If you would like a lighter color, combine the color with grey or white. This program will show you what the combination looks like. The program works similar to an artist's palette. Different foreground and background colors are combined giving the impression of a new color. Some of these combinations may be just what you need to brighten your graphics.

When I first the second Saw CHANGCOLOR, I thought that it was an interesting program for children. Then I noticed, while sipping a vodka gimlet, it has a very tranquil This program creates quality. an combination of patterns which constantly change color. Kids will be amazed, and you might save a few dollars on your analyst's bill. The vodka gimlet is made with four parts....

NEW TITLES FROM

TEXAS INSTRUMENTS

C O N G O B O N G O

BUCK ROGERS

NEW TITLES FROM

ATARISOFT

MS. PAC-MAN

PROTECTOR II

MOON PATROL

PICNIC PARANOIA

SHAMUS

25% OFF ON
MOONBEAM SOFTWARE
AND

ROMOX SOFTWARE

A N D

PARKER BROTHERS (Q - BERT)

HUGger MEMBERS
SET 15% OFF ON SELECTED NON-TI PRODUCTS

TILL NEXT USER GROUP MEETING

CALL FOR PRICE ON

PERCOM DISK DRIVE

Texas Instruments SALE 43

-Expansion System Special-

- P-Box (PHP 1200)
- Disk Controller (PHP 1240)
- Disk Drive (PHP 1250)
- 32K Expansion (PHP 1260)

\$47500* while supplies lost!

with purchase of any two (2) of the following:

TI WRITER or MULTIPLAN or TI LOGO

Come in for Spectacular Savings on ALL TI Products (Prices include cash discounts)

"The User Friendly Store"
MicroComputers, Inc.

INDIANAPOLIS 291-8882 LUMBERYARD MALL 844-6537

297-5244

TI 99/4A

15%-25% Off Selected Software MicroComputers, Inc. 291-8882 844-6537