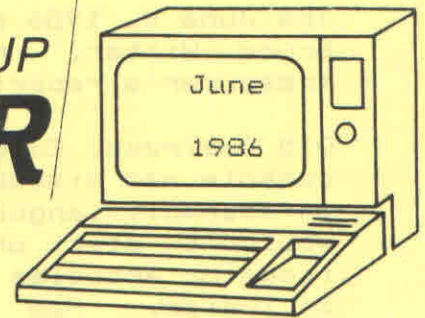


CEDAR VALLEY 99'ER USER GROUP

NEWSLETTER



NEWSLETTER TOPICS

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*****NEXT MEETING*****

Monday, July 14, 7:00 PM at the JA building, 330 Collins Road NE.

DEMONSTRATION: EMULATORS

We will have a demonstration and/or discussion of various terminal emulator programs now available for our favorite orphan.

Be sure to attend.

*****FUTURE MEETING DATES*****

Please mark the following dates on your calendar for future meetings: July 14, August 11, September 8.

*****CV99'er UG OFFICERS*****

President: Jim Green
288 Windsor Drive NE
Cedar Rapids, Iowa 52402
377-4073 (Home) or
395-1898 (Office)

Vice President: Bruce Winter
702 Fernwood Dr. NE
Cedar Rapids, Iowa 52402
393-0610

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377-9574

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Program: Dave Dalton
920 Hillview Dr.
Marion, Iowa 52302
377-1715

Publicity: Paul Mortensen
3179 Country Park Dr.
Toddville, Iowa
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Education: James Trainor
6013 Langdon Ave. SW
Cedar Rapids, Iowa
396-2846

****MINUTES FROM JUNE MEETING****

The June 9, 1986 meeting was called to order at 7:03 PM by Vice President Bruce Winter. Minutes of last month's meeting were approved. A treasurer's report was read and approved. 27 people were present.

Old Business: Extension cable to put the P Box connector behind the console was discussed, see Jerry Canady. Jim Trainor is willing to teach an assembly language class, contact Jim Green for info. It probably wouldn't start until fall. Next meetings are: July 14, August 11. Any items or articles for the newsletter, get them to Jerry Canady for inclusion. Ham fest-computer fair tickets for Aug 2-3 are still available. We purchased disks to obtain a copy of the International Users' Group software library. We have enough volunteers to handle sorting thru the disks when they are received. The presentation was a Flight Simulator, presenter was Dave Dalton, the Program Chairman. This is a cartridge based program, with attack and dog fight modes available. Various options in weather and flight profiles were shown. The various techniques for take-offs and landings were demonstrated. Someone asked where the picture disk for the Graphx package was. The answer was provided. The demise of HCM was explained and their subscriber letter was read. A response is required soon to determine the disk format their successor should provide for future quarterly mailing. Next issue was scheduled for the middle of June. Last issue was Vol 5 No. 6. There has been no contact with the club about handling the HCN Journal when and if it is published. A comment was made that Shareware disks without documentation are worthless. The example of what it took to just print the instructions for a shareware program was made, and it was a lot of trial and error and aggravation. Didn't know if files were in TI Writer, XB, EA, ?. If documentation was included, it would be much easier. Jerry Canady is going to order BA Writer from Italy, he wants to know if anyone else is interested so he can split the cost of an international money order. This is similar to funlwriter from Australia. Dean Helander wanted to sell his complete system, and described it in detail with a price. I understand it was sold at the conclusion of the meeting. A good word processor and Funlwriter are available in our library, along with the latest DM1000. John Phelps 4A Flyer on disk was mentioned, that is 100% assembly language based routines and programs. Door prize was won by Bruce Winter, but the door prizes were not available at the meeting. Second prize was won by Ken Novey, he wins four programs from our library, including media. Meeting adjourned about 8:25 PM.
-Gary D. Bishop, Secretary.

TAPE TIP: (From the Cleavland area newsletter)
by Earl R. Blewitt.

For those who opt to affix Disk Catalog Lists to their Disk folders, the following tip may be helpful:

3M has a "SCOTCH MAGIC PLUS Removable Tape 811" that will securely attach the listing to the disk jacket folder. When updating the listing, it is easily removed without tearing up the jacket paper. This tape can be purchased at Office Supply and other outlets.

FOR SALE/WANTED:

If you wish to have extension cables made up please contact Jerry Canady at 377-9382 or 395-2494 or one of the officers. State the length you need and I will try to have it at the meeting.

Hamfest/Computer Fair: Aug 2-3 at the Five Seasons Center. \$5/adult \$3/student from the club, the club get \$.50/ticket. \$8/3 at the door. SEE BRUCE WINTER FOR TICKETS.

For Sale: Early Learning Fun (M) \$5, Adventure module with Pirates Adventure (C) \$8. Bruce Winter.

For Sale: Silver console/speech/recorder and cable/joy sticks; Ext. Basic, TEII, Blasto Tombstone City, Car Wars, Alpiner, Chisholm Trail, The Attack, Parsec, Football, Household Budget Management, 41 programs on tape, 12 blank tapes (22 total), 25 Issues of 99er magazine. Triton spring catalog price \$300+, all for \$125. Richard C. Scheit, Box 277, West Branch, Iowa 52358, (319) 643-2525.

Wanted: Unwanted/broken modules and misc hardware for hardware hacking use. Jerry Canady.

EDITORS PLEA:

I need articles from members for the newsletter to prevent it turning into a repeat of gleanings from exchange newsletters. Articles about problems present or solved, hardware mods., software, hints, products discovered, reviews, etc. are fair game. We have had several local articles picked up by other groups, so all the technical and software talent in this group can be of benefit to all groups. Now that I have tweaked your heartstrings my conscience soother follows.

NONEXISTANT HARDWARE:

As an incurable hacker/tweaker/modifier (all budget caused affectations!) I have a pet peeve, lack of hardware to do the project easily/reliably. I believed part of the problem was the sparse population area we live in, however, trips to major metro areas and comments noted in newsletters have changed my mind. A recent search for the RIGHT piece of hardware reaffirmed my appreciation of the resources available in our area and the advantages provided by the users group. A company does make an impossible to find board edge (male) connector. They produce versions for wire wrap/board mount and ribbon cable on .100 and .156 centers. The manufacturer is KEL-AM, Inc., 23685 Birtcher Drive, Suite A, El Toro, CA 92630. Their brochure lists distributors in all areas of the country and several countries. The best starting point for procurement is a call to a local electronics distributor. They can point you to a retail outlet or if the group has sufficient interest in the project may sell to the group for a given quantity. The P/N's for 22 position 44 contact ribbon connectors are; PF22-2852-0 (MALE) & RF22-2852-0 (FEMALE). The -0 indicates a version without side mounting tabs (The female version fits the side port without destructive force). Have Fun!

-Jerry Canady

SOFTWARE LIBRARY NEWS:

Our software library continues to grow, mostly through the efforts of Bruce Winter, with several new shareware programs available. We have had little or no addition from our own members (hint, hint...). The following programs are now available from our library:

Pilot 99, by Tom Weithofer. A new programming language now available for the TI 99/4A. Ex basic, disk system.

c-99, by Clint Pulley. A different programming language. Also on disk. Anyone tried to program in c yet?

99-Calc, by Phil Barnes. A spreadsheet program on disk, requires Ex. basic

Funlwriter, from Tony and Will McGovern in Australia. A TI-Writer load program (no Writer module required) with several added features. Version 3.0 comes on one disk. Allows a Show Directory function.

Label maker program set, by Phil Barnes. Four programs on one disk, all related to making mailing labels or address labels, runs from Ex. basic.

Several other additions have been made to the software catalog addendum, and copies will be available at the July 14 meeting. For out-of-town members, we will make every effort to mail your copy of the addendum with the next newsletter.

CHANGES IN TI RELATED PUBLICATIONS:

Several reorganizations have recently occurred in the newsletter-magazine trade that supports the TI computer. In case you missed any of them, here is a summary.

The Home Computer Magazine that the club used to sell at discount is no longer. Those of you who had time remaining on your subscription got a notice that a new publication, Home Computer Journal, will take its place as a quarterly magazine with a program disk included. The first issue, Vol.1, is now out, @ \$25.00 per copy. Publisher and editor are the same people who couldn't produce Home Computer Magazine with any regularity. We haven't seen the issue, so we can't comment on the quality. If you would like to subscribe, at \$75.00 for four issues, contact me at the meeting.

The club had a subscription to Miller Graphics' Smart Programmer, which went into hiding while Craig Miller worked to develop all the new products he now sells for the TI. The good news is that Craig has given the publication rights to Richard Mitchell, who has himself been publishing the Super 99 Monthly. The publications are now combined, and we just received the first issue, which ties into our remaining subscription to the Smart Programmer. Confused yet? Anyway, we recommend this combined publication; write to Bytemaster Computer Services, 171 Mustang St., Sulphur, LA 70663.

Another excellent buy for your library is the monthly Micropendium, now up to a 64 page magazine, with many ads from TI dealers and software sources. A subscription is \$15.00 for 12 issues (always on time), and the address is P.O. Box 1343, Round Rock, TX 78680.

Question of the day: What became of the 99 Mini-Mag?

-Jim Green

TIPS FROM THE TIGERCUB

#34

Copyright 1986

TIGERCUB SOFTWARE
156 Collingwood Ave.
Columbus, OH 43213

Distributed by Tigercub Software to TI-99/4A Users Groups for promotional purposes and in exchange for their newsletters. May be reprinted by non-profit users groups, with credit to Tigercub Software.

Over 138 original programs in Basic and Extended Basic, available on cassette or disk, only \$3.00 each plus \$1.50 per order for PPM. Entertainment, education, programmer's utilities. Descriptive catalog \$1.00, deductible from your first order.

Tips from The Tigercub, a full disk containing the complete contents of this newsletter Nos. 1 through 14, 58 original programs and files, just \$15 postpaid.

Tips from the Tigercub Vol. 2, another diskfull, complete contents of Nos. 15 through 24, over 60 files and programs, also just \$15 postpaid. Or, both for \$27 postpaid.

Nuts & Bolts (No. 1), a full disk of 100 Extended Basic utility subprograms in merge format, ready to merge into your own programs. Plus the Tigercub Menuloader, a tutorial on using subprograms, and 5 pages of documentation with an example of the use of each subprogram. All for just \$19.95 postpaid.

Nuts & Bolts No. 2, another full disk of 100 utility subprograms in merge format, all new and fully compatible with the last, and with 10 pages of documentation and examples. Also \$19.95

postpaid, or both Nuts Bolts disks for \$37 postpaid.

Tigercub Full Disk Collections, just \$12 postpaid! Each of these contains either 5 or 6 of my regular \$3 catalog programs, and the remaining disk space has been filled with some of the best public domain programs of the same category. I am NOT selling public domain programs - my own programs on these disks are greatly discounted from their usual price, and the public domain is a FREE bonus!

- TIGERCUB'S BEST PROGRAMMING TUTOR
- PROGRAMMER'S UTILITIES
- BRAIN GAMES
- BRAIN TEASERS
- BRAIN BUSTERS!
- MANEUVERING GAMES
- ACTION GAMES
- REFLEX AND CONCENTRATION
- TWO-PLAYER GAMES
- KID'S GAMES
- MORE GAMES
- WORD GAMES
- ELEMENTARY MATH
- MIDDLE/HIGH SCHOOL MATH
- VOCABULARY AND READING
- MUSICAL EDUCATION
- KALEIDOSCOPIES AND DISPLAYS

For descriptions of these send a dollar for my catalog!

While they last, and the supply is limited, I will sell a single Texas Instr. cassette interface cable for \$2.00 with any order for cassette software.

My sincere apologies for a serious goof in the Sort Watcher program in Tips #33. The GOSUB in line 120 should go to line 1020, not 32767! Also, in line 210 please change the 920 to 930.

Steven Shouse of TIRUG sent this improvement to the GRAPHPAGE in Tips #33 -
100 OPEN #1:"DSK1.GRAPHPAGE"
,OUTPUT :: PRINT #1:TAB(4);R
PT\$(" ",75):: FOR J=57 TO 1

STEP -1 :: J\$=STR\$(J)

The 99/4A National Assistance Group (which is a commercial enterprise, not a user's group, although they charge a fee to "join"), sells public domain programs at \$3.00 each - but you can't order individual programs, you have to buy a package deal.

I sell good copyrighted programs, written by myself, for \$3.00, I let you pick and choose, even just one program if you want. I don't pretend to be a user's group (I know that Tigercub often gets misspelled as Tiger Club but I can't help that!), and I don't charge you to "join".

The reason for these remarks is that one of the public domain programs sold by that group is listed as SAMARKAND. It may be only an odd coincidence that I wrote a random music composer entitled SONG OF SAMARKAND and put it in public domain because I didn't think it was worth selling. Anyway, if you want it, here it is.

```
100 CALL CLEAR
110 REM - SONG OF SAMARKAND
    programmed by Jim Peterson -
    Version 3
120 RANDOMIZE
130 CALL CHAR(94,"00")
140 CALL CHAR(95,"00")
150 CALL SCREEN(11)
160 PRINT "From the Third Movement of":":": THE NEVER
-ENDING SONG":":": b
y Emir Abdul Aziz":":":.....
....."
170 PRINT : : : : : : : : : :
: : : : :
180 FOR J=1 TO 23
190 CALL HCHAR(12,5+J,ASC(SE
G$("^THE^SONG^OF^SAMARKAND^",J,1)))
200 NEXT J
210 CALL HCHAR(11,6,94,23)
220 CALL HCHAR(13,6,94,23)
230 M$="187EFF42668124C3DB866
5A18423CSAA542817E995A001800
24BDBD3C667E66668100243C0042
```

```
187E5AA53CC3427E3C81817E5AE7
669924187E429924008181DBC3"
240 DIM N(30),S(21)
250 F=220
260 FOR J=0 TO 36
270 X=X+1+(X=12)≠12
280 IF (X=2)+(X=5)+(X=7)+(X=
10)+(X=12)THEN 310
290 Y=Y+1
300 N(Y)=INT(F≠1.059463094^J
)
310 NEXT J
320 CALL HCHAR(1,1,32,320)
330 CALL VCHAR(1,31,95,96)
340 CALL HCHAR(24,1,95,64)
350 CV=2
360 K=0
370 K=K-INT(5≠RND+1)+INT(5≠R
ND+1)+(K>21)≠2-(K<1)≠2
380 IF (K<1)+(K>21)THEN 370
390 CALL SOUND(-999,N(K),0,N
(K)≠CV,0,N(K)≠3.75,30,-4,5)
400 X=INT(40≠RND)
410 IF X>12 THEN 370
420 ON X+1 GOTO 430,490,540,
580,660,730,770,850,870,970,
990,1040,1060
430 IF INT(4≠RND)<3 THEN 390
440 FOR T=K TO 20
450 CALL SOUND(-999,N(T),0)
460 NEXT T
470 K=1
480 GOTO 390
490 FOR T=K TO 1 STEP -1
500 CALL SOUND(-999,N(T),0)
510 NEXT T
520 K=T+1
530 GOTO 390
540 FOR T=K TO 1 STEP -1
550 CALL SOUND(-999,30000,30
,30000,30,N(T)≠3.75,30,-4,0)
560 NEXT T
570 GOTO 370
580 FOR TT=K TO K-INT(5≠RND+
1)STEP -1
590 IF TT<2 THEN 370
600 FOR T=1 TO INT(7≠RND+3)
610 CALL SOUND(-999,N(TT),0,
N(TT)≠2,0)
620 CALL SOUND(-999,N(TT)≠1.
03,0,N(TT)≠2.06,0)
630 NEXT T
640 NEXT TT
650 GOTO 370
660 FOR T=K TO K-INT(3≠RND+3
)STEP -1
670 IF T<2 THEN 370
680 FOR D=0 TO 15 STEP 2
690 CALL SOUND(-999,N(T)≠2,D
,N(T)≠3,D,N(T)≠3.75,30,-4,0)
```



```

700 NEXT D
710 NEXT T
720 GOTO 370
730 FOR X=1 TO 15
740 CALL SOUND(-999,N(X),0,N
(16-X),0,N(1),30,-4,5)
750 NEXT X
760 GOTO 370
770 FOR T=K TO K-INT(4#RND+1
)STEP -1
780 IF T<2 THEN 370
790 CALL SOUND(1000,N(T),0,N(
T)#2,0,N(T)#3.75,30,-4,5)
800 FOR TT=N(T) TO N(T-1)STEP
-10
810 CALL SOUND(-999,TT,0,TT#
2,0,TT#3.75,30,-4,5)
820 NEXT TT
830 NEXT T
840 GOTO 370
850 CALL CHAR(32,SE6*(M$,INT
(57#RND+1)#2-1,16))
860 GOTO 370
870 IF INT(4#RND)<3 THEN 390
880 CALL SOUND(-3000,N(K),0,
N(K)#2,0,N(K)#3.75,30,-4,0)
890 FOR J=1 TO INT(5#RND+5)
900 S(J)=INT(21#RND+1)
910 NEXT J
920 CALL SOUND(-1,3000,30)
930 FOR T=1 TO J-1
940 CALL SOUND(-999,N(S(T)),
0,N(S(T))/1.68,0,N(S(T))#3.7
5,30,-4,0)
950 NEXT T
960 GOTO 370
970 CALL CHAR(95,SE6*(M$,INT
(57#RND+1)#2-1,16))
980 GOTO 370
990 IF INT(4#RND)<3 THEN 390
1000 FOR J=220 TO 660 STEP 2
0
1010 CALL SOUND(-999,J,0,880
-J,0,N(12)#3.75,30,-4,0)
1020 NEXT J
1030 GOTO 370
1040 CALL CHAR(32,"0")
1050 GOTO 390
1060 CV=CV+(CV=2)/2-(CV=1.5)
#.5
1070 GOTO 370

```

If you are trying to exchange newsletters and are using the listings of user groups published by Texas Instruments and by others, you are finding that they are way out of date! Send me a disk and some return

postage - or just send \$1.50 - and I'll send you my address list of about 140 groups I exchange with. It is updated every month from return addresses on newsletters I receive.

For those of us who are still struggling along with one disk drive, this routine will transfer any number of D/V80 files, totalling up to about 42 sectors, from one disk to another in one pass, and will optionally save under changed names.

```

100 DIM M$(2000),F$(25),C$(2
5):: CALL CLEAR :: T$=CHR$(1
)
110 DISPLAY AT(8,6):"TIGERCU
B FILEMOVER" :: DISPLAY AT(1
5,1):"PRESS ENTER WHEN FINIS
HED"
120 F=F+1 :: IF F>25 THEN 13
0 :: DISPLAY AT(12,1):"FILEN
AME? DSK"&T$ :: ACCEPT AT(12
,14)SIZE(-12)BEEP:F$(F):: IF
F$(F)<>T$ THEN 120
130 F=F-1 :: FOR J=1 TO F ::
ON ERROR 260 :: OPEN #1:"DS
K"&F$(J),INPUT :: DISPLAY AT
(12,1):"READING "&SE6*(F$(J
),3,255)
140 X=X+1 :: LINPUT #1:M$(X)
:: C=C+LEN(M$(X))
150 IF C>10000 THEN DISPLAY
AT(20,1):"INSUFFICIENT MEMOR
Y FOR "&SE6*(F$(J),3,255)::
GOTO 190
160 IF EOF(1)<>1 THEN 140
170 X=X+1 :: M$(X)=T$ :: CLO
SE #1
180 W=W+1 :: NEXT J
190 X=0 :: DISPLAY AT(15,1):
"" :: DISPLAY AT(12,1):"INSE
RT COPY DISK AND PRESS":"ENT
ER"
200 CALL KEY(0,K,ST):: IF ST
=0 THEN 200 :: DISPLAY AT(13
,1):""
210 FOR J=1 TO W :: IF F$(J)
=CHR$(2)THEN 230
220 DISPLAY AT(12,1):"FILENA
ME? DSK"&F$(J):: ACCEPT AT(1
2,14)SIZE(-12)BEEP:C$(J)230
NEXT J :: FOR J=1 TO W :: IF
F$(J)=CHR$(2)THEN 250 :: OP
EN #1:"DSK"&C$(J),OUTPUT ::
DISPLAY AT(12,1):"SAVING "&S

```

```

E6$(C$(J),3,255)
240 X=X+1 :: IF M$(X)<>T$ TH
EN PRINT #1:M$(X):: GOTO 240
ELSE CLOSE #1
250 NEXT J :: END
260 ON ERROR STOP :: DISPLAY
AT(22,1):"CANNOT OPEN "&SE6
*(F$(J),3,255):: F$(J)=CHR$(
2):: RETURN 180

```

Here is a very ingenious idea published in the Corpus Christi U6 newsletter by H. Macdonald. He could not find the author/newsletter which gave him the idea, so if you know, tell me and I'll print due credit.

I have modified it a bit. This short routine will load quickly and enable you to bypass loading and running the Menu Loader program on a disk when you already know the filename of the program you want to run.

```

Save the Menu Loader under
the filename MENULOADER and
save this routine under the
filename LOAD - be sure to
save it before you try it,
because it erases itself!
100 CALL INIT :: CALL LOAD(-
31806,16):: DISPLAY AT(12,1)
ERASE ALL:"RUN MENULOADER? (
Y/N)"
110 CALL KEY(3,K,S):: IF S=0
THEN 110 ELSE IF K=78 THEN
130 ELSE DISPLAY AT(12,1)ERA
SE ALL:"LOADING MENULOADER"
:: RUN "DSK1.MENULOADER"
130 CALL CLEAR :: CALL LOAD(
-31952,55,215,55,215):: END

```

Here is one with a bit of a surprise at the end. Key the v,A in line 190 as FCTN V, CTRL comma, CTRL A.

```

100 CALL CLEAR :: CALL SCREE
N(16)
110 DATA 80C0A09088445269,00
00000000007E01,0103050911224
A96,000000001010100,21409C2
A492A1CC0,9999336600001824
120 DATA 8482395492543903,00
00000000000000,00009880E7702
010,18244281423C0000,0F19030
7E1024000,000000FF00000000
130 DATA 000F13E620221D00,0C
FB34670A22DC00,814224FF,30DF

```

```

2CC641443B00,00F0C86F0447B87
F,000000FF01F901F9
140 DATA 80FF80B680B686,00
FF006666006666,00FF003F3F3F3
F3F,01FF01F9F9F9F9F9,8086868
086868093,00666600666600FF
150 DATA 00666600666600E6,3F
3F3F3F3F3F3F3F,F9F9F9F9F9F9F
9F9,00000000E01C3AE2,9300FF,
FF00FF,E600FF0007000007
160 DATA 3F00FF00FF1980FF,F9
01FF00FF0744FF,1F0909FF3198
AFC
170 FOR CH=96 TO 129 :: READ
CH$ :: CALL CHAR(CH,CH)::
NEXT CH
180 DISPLAY AT(1,14)ERASE AL
L:"ab" :: DISPLAY AT(2,13):
"cdefg" :: DISPLAY AT(3,14):
"hij" :: DISPLAY AT(4,12):"k
lmnopq"
190 DISPLAY AT(5,12):"rsssst
u" :: DISPLAY AT(6,12):"vwvw
xyz(" :: DISPLAY AT(7,12):"!
})}"v,A" :: DISPLAY AT(9,12)
:"TIGERCUB"
200 DISPLAY AT(11,12):"SOFTW
ARE" :: DISPLAY AT(13,7):"15
6 COLLINGWOOD AVE." :: DISPL
AY AT(15,7):" COLUMBUS OH 43
213" :: CALL HIGHCHAR
210 GOTO 210
220 SUB HIGHCHAR :: FOR CH=3
2 TO 129 :: CALL CHARPAT(CH,
CH$):: X$=SE6*(CH$,3,12)&SE6
*(CH$,13,4):: CALL CHAR(CH,X
$):: NEXT CH :: SUBEND

```

Thanks to Ramon Martinez in the Orange County U6 news letter - a double NEXT is accepted if the pre-scan is turned off.

```

100 J=1
110 !@P-
120 FOR J=1 TO 100 :: IF J/1
0<>INT(J/10)THEN NEXT J ELSE
PRINT J :: NEXT J

```

A computer without a program is like a car without gas. If everyone who filled up at a self-service pump drove away without paying, how soon would all the gas stations be closed?

MEMORY FULL!

Jim Peterson

A DIFFERENT APPROACH TO FREeware

Is anyone among us not aware that we have a sizable investment in an obsolete computer, and no one outside our own community is writing programs to support it? Within this group of 99/4A owners there are some very brilliant minds, and many outstanding programs have been produced. I would venture to guess most of us are using at least one of these and probably more since they were distributed under the "Freeware" concept, and are available to all. I would further guess many users have not sent anything to the authors. (The authors are complaining and slowly fading away.) If we are to assure ourselves of a continuous flow of good programming we must support good programmers and encourage new ones. Unfortunately, the present concept of "Freeware" does not allow for the more seamy side of human nature.

Since the abdication of T.I. user groups have been scrambling for hardware with good reason, however, hardware is of little use without software and it is this writers' opinion, users' groups must take a more active role in its production and distribution. The good ideas of "Freeware" should be preserved, i.e. The users should be able to try it on their own system and evaluate it by their own standards, at little risk, and/or financial loss. The author should have a distribution network as large as possible, preferably world wide, at little cost. Payment should be voluntary and good writers rewarded. Poor writers should know they must improve, and aspiring new authors need to be shown the possible rewards.

Suppose user groups could divide the world into a few areas, perhaps a dozen or so, with at least one fairly large group in each. These areas could be further divided into districts, again with an active group in each, and of course, the districts could be divided further as necessary. An author of a program could send a disk or tape to each of the dozen or so areas. These area headquarter groups could screen out the undesirables so the user would not be at the mercy of pranksters. (I have heard about apparently good programs that once loaded wipe out everything on your hard disk) They would then send one to each district in their area and these in turn would continue the process until each user group and all members had a copy.

User groups would then levy a surcharge at each meeting, and at appropriate intervals (perhaps quarterly) a poll could be taken to determine the top authors to send the money to. Other services could also be provided: Suggestions to the authors for improvements, Criticisms of poor programs, Encouragement to beginning programmers, and maybe some reasons why any given writer didn't get paid. Members could be encouraged to require non-members to get their material from the group library, thereby contributing to the total, and new programs could be demonstrated at meetings.

Putting an organization of this magnitude together is no small task. It will require the efforts of many people and may even need funding. (There ain't no free lunch) If enough people are interested and willing to help I believe it can be done. Please write to me with your comments and suggestions. I will try to organize some kind of meeting, perhaps a conference call or a get-together at the next fair.

G.A.Hutton L.A.99ers P.O.Box 3547 Gardena Ca 90247-7247

(7)

330 COLLINS RD. N.E.
CEDAR RAPIDS

7:00 PM
J. A. BUILDING

NEXT MEETING
JULY 14

DON'T FORGET!

Cedar Valley 99'er User's Group
288 Windsor Dr. NE
Cedar Rapids, IA 52402

GARY BISHOP
124-222
860 WESTVIEW DR
MARION IA 52302