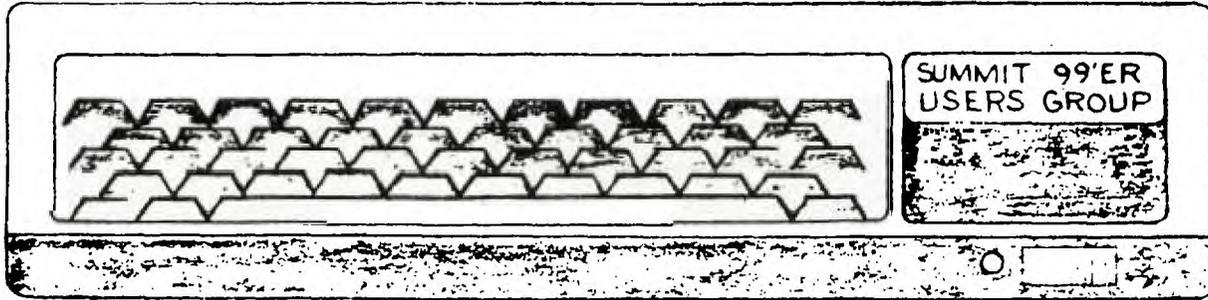


Summit  
Feb 86



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#### FOR SALE PRINTERS

Gemini 10X (P) (used)	\$175.00
N.E.C. APC H-16 (P) (new) same as 8023	\$250.00
T.I. PC (Epson) (P/S) (used)	\$250.00
T.I. Omni 800/mod 855 (P/S) (new)	\$450.00
I.B.M. Graphics (P) (new)	\$250.00

Contact: Bert Haase 753-7846 (Member Summit 99er's)

#### REMIDERS:

HAMFEST: Cuyahoga Falls Amateur Radio Club will be having their 32nd Annual Auction and Hamfest. SUNDAY, February 23, 1986 8am to 3pm at the TALLMADGE HIGH SCHOOL

There will be a booth set up with 3 full T.I.'s running to create some new interest and to let people know that there are users groups in the area ready to help them to learn and expand. We will also be selling Biorythems, and Calendars made on T.I.s to make a few dollars for the group.

INFO PACKS: The people that had the use of the Info Packs full of back issues of other Groups news letters, Please remember to bring them to this months meeting that others may read and enjoy them. We hope to have more ready for the next meeting.

#### TIGERCUB:

That got your interest didn't it? Well try this on for size. We need more people to come to the meetings, We also have to cut the cost of the newsletter. Many of the members (including me) feel that the best part of the newsletter is the tips from the Tigercub.

So, for a while the only way you'll get your "TIPS" will be to come to the meeting. Could this be called blackmail, or bribery? You got it!

#### GREAT BBS:

If you are looking for a fun and informative BBS I'd recommend the "HOSPITAL" you don't just log on you get admitted, and are given a patient I.D. The SysOp let me know that starting Friday the 14th they are going to be on 24 hrs. a day the Phone number is 626-9170 They also said they would be able to handle X-Modem in about a month.

# FORTH

## A Loader Program

STANDARD: 1A 2EA 4B 5A 6B 7A 9A

As we have discussed before, keeping track of what is on your FORTH disk can get to be a problem. In previous articles, we discussed setting up a directory and simulating the Extended BASIC statement ACCEPT. Now, we will combine the two ideas to allow you to see what screens are available and then select a screen without having to key the word LOAD.

Screen 113 (the screen number was arbitrarily selected, any will do), will accomplish our task. As is standard, we begin and end the screen by storing and retrieving the base on the return stack. Next, we load the dash options that are required.

On line 1, we defined a word whose sole use is to later clear the words used from memory ("MYWORD"). Then, we initialize the variable "GET". We are then ready to begin the actual process of building and using the loader.

Lines 2 through 10 are print statements that indicate the contents of the disk. The screen number range is on the left and a brief description of the usage of the screen is on the right.

At line 11 we define our ACCEPT type statement. At increment 1 beyond the PAD position to input a string, then convert the string to a number with VAL, which is automatically entered into FAC. Then we move FAC to the regular stack and store the number in the variable GET. Note that the word allows you to key three characters and then it moves on -- you only press enter for less than the three characters expected, which makes the routine very fast!

Line 12 defines a word, "DOIT", which retrieves the variable "GET" and places it on the stack, then uses "GET" with LOAD to load the screen selected. It probably wasn't necessary for us to store "GET", but in case you want to modify the routine, you will need a variable if you place anything on the stack between "SELECT" and "DOIT". Also, we just wanted to give an example of the use of a variable.

At line 13, we print a prompt and at line 14 we execute the words defined, then forget everything back to "MYWORD".

To make this routine especially easy to use, you can define a word on your boot screen, screen 3, called "DIR" (short for "DIRECTORY"), as follows:

```
! DIR 113 LOAD !
```

Then, when you want to select a screen, just key "DIR", wait for the directory to appear, and key the screen number. If it is a 3 digit screen number, you won't even have to key <ENTER>! For 1 SS/SD drive, change 3 to 2 on line 11.

SCREEN 113

```
0 BASE->R DECIMAL -FLOAT -SYNONYMS -EDITOR
1 : MYWORD ; 0 VARIABLE GET
2 CR ." 113 DIRECTORY "
3 CR ." 114 FAVORITE PROGRAM "
4 CR ." 115 PHONE LIST "
5 CR ." 116 - 117 UTILITY PROGRAM "
6 CR ." 118 - 119 GRAPHICS DEMO 1 "
7 CR ." 120 GRAPHICS DEMO 2 "
8 CR ." 121 FAVORITE WORDS "
9 CR ." 122 - 124 S99M GAME "
10 CR ." 125 NEXT DIRECTORY "
11 : SELECT PAD 1+ 3 EXPECT VAL FAC->S GET ! ;
12 : DOIT CR GET @ LOAD !
13 CR ." MAKE YOUR SELECTION: "
14 CR SELECT DOIT FORGET MYWORD
15 R->BASE
```



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