

NEWJUG 99ER'S NEWS

JULY 1993

HOW I JUST LOVE SUMMER FASHIONS

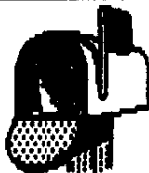


NEWJUG 99ER'S NEWS

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 FROM:
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 NEWJUG 99ER'S UG
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The following series is a reprint of one that I wrote awhile ago for the "c88" language. Because of the time lapse and new people that may be interested I've decided to redo it once more. The target group is still new c88 programmers who know little or nothing about programming in "c" on the TI. However I will extend this series to include some more advanced programming features for the TIBB4A.

c88 TUTORIAL

This month will be the first in a series of articles about learning how to program in the "c" language using the c88 compiler created by Clint Pulley of Canada. The target group that the series is being written for is the new c88 programmer who knows little or nothing at all about the "c" language and needs a little help to get started. The scope of the series is to explain the use of functions (routines) that are part of the "c" language, the structure and syntax of the language, how to create and run a c88 program using the TI 88/4A, how to use and create a library of c88 functions and how to create a single program image file (binary - Ed/Asm Option #5) out of multiple relocatable files (Fixed Display/88 - Ed/Asm option #3). By the end of the series I hope I will have helped beginning c88 programmers to crawl or walk through the "c" language. The running you can learn for yourself. I recommend that you obtain a book on programming in the "c" language for additional information on this tutorial will not go into great depth on the intricate ways of programming in "c". A very good book to start with is "C Programming Guide" by Jack Purdus and published by Que Corporation.

To create and run a c88 program you need the following:

Exp. memory

Disk Controller

At least 1 mb/md disk drive. (Additional drives and higher capacity drives are preferred)

A text editor such as the Ed/Asm editor, TI Writer with the word wrap disabled, or the programmers editor that comes with the Funnelweb environment.

Assembler program

Editor Assembler cartridge or Extended Basic

cartridge with Funnelweb or like environment.

c88 compiler - a fairware package by Clint Pulley. It may be purchased from Clint for \$20.00 US.

Clint Pulley
38 Townsend Avenue
Burlington, Ontario
Canada L7T 1V6

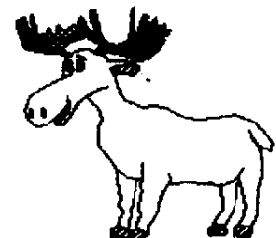
Before I start with any attempt at guiding you through the "c" language, I will describe briefly what the c88 compiler does on the TI 88/4A and why it can be useful in creating fast and powerful programs.

The c88 compiler is a program which takes a text source file containing "c" programming statements as input and produces an output text file containing assembly language source statements. The assembly source file would then be used as the input file for the assembler which creates an executable program which can be run with the Load and Run loader (option #2) of the Editor Assembler or #4 of the Funnelweb environment. In effect what is being done is to create a very fast assembler program using a high level language similar to BASIC. In addition to the added speed, c88 also allows you to add assembler statements in with the "c" source thus giving you access to all the utilities built into the TI 88/4A.

Next month I will discuss the structure and syntax of the "c" programming language.



SECRETARY'S REPORT



The regular monthly meeting of the TI-88/4a New Jersey User's Group (NEWJUG) was held at the Iselin Public Library, 1881 Green Street, on Tuesday evening, 2 March 1983.

The business portion of the meeting was called to order at about 8pm by the president, Mr George Lytle.

The Treasurer, Mr Dan Gazy reported a balance of 28⁰⁰.02 as of the latest checking account statement. The treasurer's report was accepted as given.

A MOTION was made and PASSED to reimburse Mr Johan I Nykvist \$6.88 for labels.

Mr Dan Gazy paid \$15 dues for the year. Mr Donald Kombech paid \$20 family dues for the year.

The meeting was adjourned at about 8:45 pm.

Respectfully submitted,

Johan I Nykvist
Secretary

Editor's Forum



BY DAN GARZBY

It seems as though I've fallen into a familiar rut of "waiting until the last minute" to put the newsletter together. It seems like there's never enough time in the day to accomplish everything we'd like to do.

The past few months, my personal software projects have suffered for a variety of reasons, but mostly I've just lacked free time. At work, my schedule has become pretty full. With many companies downsizing, it has become trendy to join the bandwagon, even if the situation doesn't warrant it. To keep up with the workload, it has become necessary to work more efficiently. But I feel the real answer is spending time with the subordinates and peers, teaching them how to share the workload. In the past, it was considered too smart to teach your subordinates all your functions. Doing so, was like asking to be replaced. With all the workload nowadays, there is MORE than enough to go around. Be prepared to spend a bit of additional time getting others involved, learning applications/processes and encouraging the workforce.

As the workforce learns to work smartly and cooperate with one another, you'll find you have more time for many of those software projects. Now if I could only figure out a way

to apply these ideas to my wife and kids.

Newsletter Exchange

With more and more clubs finding it harder to stay solvent, some have opted to drop the exchange. Over the past few months, we've dropped more than we've added. I expect this list will change from time to time and I'll try to keep it as current as humanly possible. Be look forward to hearing from any group wishing to initiate an exchange and encourage others to use this list for communication with other groups. If you know of any UG (not on our list) that would like to exchange newsletters, we'd be very interested in hearing from you via the comments and suggestions on the cover page.

North Jersey TI IBM UG
16 Judith Ann Dr.
Ringwood, NJ 07466-1863

Central Garden State UG
61 Country Lane
Hamilton Square, NJ 08680

LITI 88er's UG
83 Myers Avenue
Hicksville, NY 11801-2424

Pittsburg User's Group
P.O. Box 6043
Pittsburg, PA 15216

Erie 88'er User Group
2812 West 33rd Street
Erie, PA 16506

Lehigh 88er Computer Group
c/o Jack Zawadiuk
718 N 12th Street
Allentown, PA 18102

MANNERS
c/o Bill Howard
15204 Louis Mill Dr
Chantilly, VA 22021

West Penn 88er's
c/o Mike Sealy
RD#1 Box 104
Toronto, OH 43064-8718

Greater Akron 88er's
c/o Jim Harris
2022 Tenth Street
Cuyahoga Falls, OH 44221

Lima 88/40 Users Group
P.O. Box 647
Venedocio, OH 45884

Great Lakes Computer Group
P.O. Box 152
Roseville, MI 48066-0152

Milwaukee Area Users Group
4122 N. Glenway
Wauwatosa, WI 53222

Siouxland 88er's
c/o Bob Daggitt
4606 Blumstein Circle
Sioux Falls, SD 57106

Chicago TI User's Group
P.O. Box 578241
Chicago, IL 60657

Dallas TI Home Computer
P.O. Box 28863
Dallas, TX 75228

Net88er HUG
c/o Barbara Massey
3208 Amber Dr. S.
Fort Worth, TX 76133

JSC T188 User Group
c/o P.C. Van Nordstrand
430 Shadow Creek Rd.
Seabrook, TX 77585

TI ELovEn
138E Lincoln Apt #B
Ogden, UT 84404

Southeast Ninety Niners
P.O. Box 17831
Tucson, AZ 85730

LA 88ers Computer Group
7730 Emerson Ave
Los Angeles, CA 90045

USOC
c/o Earl G Roguse
17161 Edwards
Huntington Beach, CA 92647

WORDPLAY
The PLANN Newsletter
P.O. Box 15037
Portland, OR 97215

Kawartha 88er's
224 Woodward Ave
Peterborough, Ontario
CANADA K8L 1J7

Delawa TI 88/4A LG
c/o Tom Jakobfy
660 Given Rd.
Delawa, Ontario
CANADA L1H 8L7

STB User Group
c/o Steve Mickelson
15 Kerndale Avenue
Toronto, Ontario
CANADA M6M 1C8

Sudbury 88er's
c/o Jim McLaren
Site 1 Box 7
Whitefish, Ontario
CANADA P6M 2E0

B.C. 88er Users
c/o Ron Worfield
216 18th Ave
New Westminster, B.C.
CANADA V3L 2B2

Joke Of The Month



Why was the number 6 afraid
of 7?
Because 768!

Oasis Pensive Abscutors OPA
432 Jarvis Street
Suite 582
Toronto, Ontario
CANADA M4V-2H3
(416) 866-8826

Program Innovators
4122 Glenway
Wauwatosa, WI 53222

Queen Anne Computer Shoppe
6102 Roosevelt Way NE
Seattle, Wa 98115
(206) 522-5558

Recharge Computers
6457 E. Vancey Dr.
Brockpark, Oh 44142
(216) 242-1244 evenings

Rova 88
112 Rambling Road
Vernon, Ct 06065
(203) 871-7824

Joe Ross
118 Knollwood Terrace
Clifton, NJ 07012

Tenax
P.O. Box 6578
South Bend, In 46660
(800) 348-2778
(217) 268-7851

Texments
53 Center St
Patchogue, N.Y. 11772
(516) 475-3488
(516) 475-6463 bba

Tex-Comp
P.O. Box 33884
Granada Hills, Ca 91344
(818) 366-6631
Catalog 82

The Buryard Group
P.O. Box 62323
Colorado Springs, Co
80962-2323
(718) 488-2572

Tiger Cub Software
156 Collingswood Ave.
Columbus, Oh 43213
(614) 226-3545

TM Direct Product Marketing
1650 Broadway
Redwood City, Ca 94063
1-800-336-8866
Catalog Available

Triot Software
P.O. Box 114-A
Lincoln, Ia 50148

8648 News
c/o Beery Miller
5455 Marina Cove #1
Memphis, In 38115

99/4A - 9640

VENDORS



Record Software
P.O. Box 18386
Rockville, Md 20850
(703) 255-3885
Catalog Available

Broatz Computer Services
718 East Burd Street
Appleton, Wisc 54811
(414) 731-3478
(414) 731-4320 after 6pm
Catalog 82

Bud Mills Services
166 Dartmouth Dr
Toledo, Ohio 43614
(419) 385-5846

CoDD Electronics
52 Audubon Rd.
Haverhill, Ma 01830
(603) 885-0118

Competition Computer
2628 W National Ave
Milwaukee, Wisc 53204
(800) 242-7882 in Wisconsin
(800) 662-8253 all others
Catalog 81

Comproline
1848 Evergreen Ave.
Fullerton, CA 92635
(714) 886-4577 12-8pm PT

Computer Shopper
P.O. Box F
Titusville, Fl 32781

CorComp
2211-G East Winston Rd.
Anheim, Ca 92806
(714) 856-4450

Digit Systems
4245 Hortensia St
San Diego, Ca 92103
(618) 285-3381 voice
(618) 278-8155 bba

Disk Only Software
P.O. Box 244
Lorton, Va 22078
(301) 348-7178

Harrison Software
5705 46th Place
Hyattsville, Md 20781
(301) 277-3467

Hunter Electronics
4 N. 278 Pine Grove
Bensenville, Il 60106
(312) 766-8503

Incept Inc.
P.O. Box 28160
Pt Orange, Fl 32628

Jim Lesher
722 Huntley
Dallas, Tx 75214
(214) 621-8274

Joy Electronics
P.O. Box 542546
Dallas, Tx 75254-2526
(800) 422-3882 in Texas
(800) 527-7438 all others

L.L. Conner Enterprise
1521 Ferry St.
Lafayette, In 47804
(317) 742-8146

Micropendium
P.O. Box 1343
Round Rock, Tx 78680
(512) 255-1512

Midwest Engineering
282 Arcadia Dr.
Vernon Hills, Il 60061
(312) 362-8834

Not Polyoptics
P.O. Box 4443
Woodbridge, Va 22181
(703) 488-5543

WORD SEARCH

Word List

AMERICA
STATUE
LIBERTY
FIREWORKS
HARBOR
PEOPLE
SKILL
BARBECUES
PARTIES
SPECIALS
BIRTHDAY

S	C	A	P	T	U	R	E	X	T	R	A	S	O	L
E	A	M	E	R	I	C	A	H	A	R	B	O	R	A
B	A	R	R	E	L	P	A	R	T	I	E	S	U	N
A	R	G	U	E	L	K	J	E	H	L	S	O	N	O
R	O	B	B	E	N	I	E	T	A	S	L	L	T	S
B	V	D	E	U	C	E	B	A	S	S	I	C	A	
E	C	L	A	T	H	K	J	E	C	L	C	A	K	E
C	O	L	S	A	L	A	D	L	R	O	A	B	T	S
U	N	E	L	T	E	R	N	I	O	T	R	A	S	S
E	S	T	A	S	T	U	T	Q	U	E	V	K	E	S
S	E	L	I	B	R	A	T	E	T	D	T	O	L	O
C	R	A	C	K	B	I	R	T	H	D	A	V	P	V
F	I	R	E	W	O	R	K	S	I	B	V	O	B	
T	H	I	P	O	L	I	C	E	T	E	T	H	E	R
E	L	R	S	E	P	P	E	P	S	H	A	R	P	O

See Next Page for Solution



Recipe Of The Month



PEPPER STEAK

Ingredients:

2lb Chuck/Sirloin Steak	Soy Sauce
10 Bell Peppers	3 Onions
Flour	2 Tblspns Margarine/Butter
Pepper	2 Tblspns Oil
Water	Paper/Plastic Bag

Cut the steak in strips and place in the bag with flour. Close bag and shake to coat the steak. Empty bags contents into a skillet and brown the meat with chopped onions. Add enough water to keep steak from burning. Add Soy Sauce to taste. Cut peppers in strips, add to skillet and cook until meat is tender.

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AMERICA
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	A	M	E	R	I	C	A	H	A	R	B	O	R	
B							P	A	R	T	I	E	S	
A				L						L				
R			E	I						L				
B			U			B						I		
E			T			E							K	
C		S	A					R						S
U		L	T							T				
E		A	S									Y	E	
S			I											L
			C			B		I	R	T	H	D	A	V
F			I	R	E	W	O	R	K	S				O
			P											E
			S											P