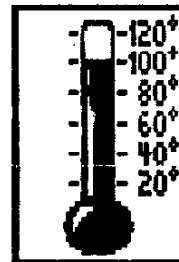
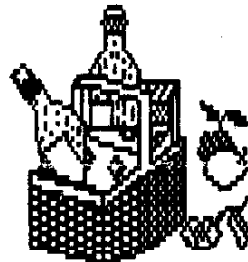
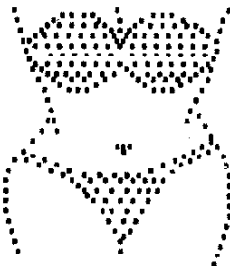
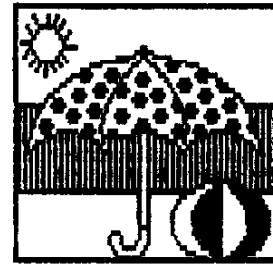


NEWJUG 99ER'S NEWS

NEWJUG 99ER'S NEWS

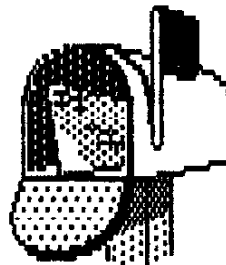
AUGUST 1990

HOT HOTTER HOTTEST



HIGHLIGHTS:

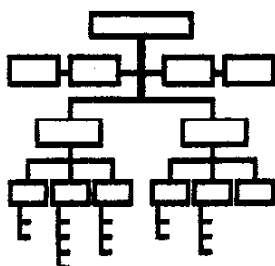
BOXES VERSION 5; NEWSLETTER EXCHANGE; 99/4A AND 9640
VENDORS; JOKE OF THE MONTH; EDITOR'S FORUM; COMING
EVENTS; PAGE PRO V1.6 REVIEW; BBS SCENE



NEWJUG 99ER'S UG
P. O. BOX 1463
SAYREVILLE, N. J.
08871-1463

BOXES VERSION FIVE

BY DAN GAZSY



FOR C99 USERS THERE'S BEEN A WINDOWING LIBRARY AVAILABLE FOR QUITE A FEW YEARS CALLED BOXES. WHEN THE LIBRARY WAS ORIGINALLY RELEASED, IT SUPPORTED A MAXIMUM OF 20 WINDOWS, 2600 BYTES AND WAS ONLY TO BE USED IN TEXT MODE. OVER THE YEARS, THE ROUTINES WERE OPTIMIZED, A FEW FUNCTIONS ADDED, THE CAPACITIES (30 WINDOWS, 3800 BYTES) INCREASED AND BECAME A MORE VERSATILE LIBRARY (SUPPORTS TEXT OR GRAPHICS MODE). THE LIBRARY HAS BEEN SO USEFUL THAT THE ORIGINAL AUTHOR OF THE LIBRARY (JOE ROSS), HAS WRITTEN A COMMERCIAL PRODUCT CALLED CSHLL99 WHICH MAKES EXTENSIVE USE OF IT. MY EXPERIENCES WITH THE LIBRARY HAVE BEEN SUCCESSFUL, BUT LATELY I'VE FOUND MYSELF WRITING CODE TO GET AROUND SOME OF THE MISSING FUNCTIONALITY OF THE LIBRARY. FOR THIS REASON, I'VE ENHANCED THE LIBRARY BY ADDING A NEW FUNCTION (SCROLL) AND REDDING AN OLD FUNCTION (SNGETS). AT THIS POINT YOU HAVE TO ASK YOURSELF THE QUESTION, "WHY IS THE CO-AUTHOR REVIEWING HIS OWN PRODUCT?" IT'S SORTA LIKE ASKING MICROSOFT TO REVIEW ITS WINDOWS PRODUCT!! THE LIBRARY HAS BEEN IN THE PUBLIC DOMAIN SINCE ITS INCEPTION AND WILL REMAIN AS SUCH. THE PURPOSE OF THIS ARTICLE IS TWOFOLD. FIRST, TO MAKE C99 USERS AWARE OF THIS LIBRARY'S EXISTANCE. TWO, FOR THOSE WHO KNOW OF THIS LIBRARY, INFORM THEM THAT IT HAS BEEN ENHANCED.

TIME TO CLIMB DOWN OFF

THE SOAPBOX AND TALK ABOUT THE BOXES LIBRARY. THE ROUTINES IN THE BOXES LIBRARY EXIST TO ALLOW YOU TO ENCLOSE DIALOGUE WITHIN DEFINED BOUNDS ON THE SCREEN. THESE BOXES ARE NOT MULTI-TASKING LIKE THE WINDOWS YOU SEE IN THE IBM WORLD. IN OTHER WORDS, DON'T EXPECT TO PUT A BOX ON THE SCREEN AND HAVE IT INITIATE A SCROLLING VIEW OF A TEXT FILE (WHICH CONTINUES), PERMIT ME TO EXIT THE WINDOW AND ENTER ANOTHER WINDOW. THESE BOXES ARE INTENDED TO SIMULATE PULL DOWN BOXES WHICH OVERLAP EXISTING BOXES. WHEN YOU ARE DONE WITH THE BOX, REMOVAL OF THE BOX WILL REVEAL THE PRIOR BOX IN ITS ENTIRETY. THE MAXIMUM NUMBER OF BOXES THAT CAN BE ON THE SCREEN AT ANY ONE TIME IS 30 AND EACH BOX CAN APPEAR ONLY ONCE. THE REASON A BOX CAN ONLY APPEAR ON THE SCREEN ONCE IS BECAUSE THE BOX, WHEN PLACED ON THE SCREEN, SWAPS THE DATA IT REPLACES. IF A BOX WERE TO APPEAR ON THE SCREEN MORE THAN ONCE, THE SWAPPED BOX WOULD GET CORRUPT. ANY BOX CAN BE PLACED INTO A MENU MODE WHERE THE OPTIONS YOU CHOOSE ARE SELECTED BY MOVING THE CURSOR UP/DOWN. CURSOR MOVEMENT IS CONTROLLED BY THE KEYBOARD (E, X, Q KEYS) OR THE JOYSTICK. CURSOR POSITIONING IS EASILY IDENTIFIED BY THE USE OF THE INVERSE VIDEO FUNCTION. BOXES CAN ALSO BE CREATED IN OTHER PROGRAMS AND LOADED INTO YOUR PROGRAM AS A PROGRAM IMAGE FILE. TO ACCOMPLISH THIS TASK, YOU COULD USE SOMETHING ALONG THE LINES OF THE CHAIN FUNCTION WRITTEN BY WARREN AGEE. THERE IS A FUNCTION OF CSHLL99 WHICH WILL DO EXACTLY THIS, HOWEVER I'M NOT AT LIBERTY TO MAKE IT AVAILABLE SINCE CSHLL99 IS

A COMMERCIAL PRODUCT. ONE OTHER VERY USEFUL FUNCTION OF THE BOXES LIBRARY IS THE ABILITY TO SAVE/RESTORE THE CURRENT SCREEN. A PRIMARY EXAMPLE OF ITS USE WOULD BE THE FOLLOWING: 1) PROGRAM IS IN TEXT MODE AND WE WANT TO SWITCH TO GRAPHICS MODE. TO RESOLVE THE PROBLEM YOU SAVE THE SCREEN; CLEAR IT; CHANGE MODES; PERFORM THE FUNCTION IN THE NEW MODE; CLEAR THE SCREEN WHEN DONE; CHANGE MODE BACK AND RESTORE THE SAVED SCREEN.

WITH A LIBRARY AS VERSATILE AS THIS, YOU MAY FIND IT HARD TO BELIEVE THAT IT HAS ITS SHORTCOMINGS. WITH ALL THE NEAT BOX FUNCTIONS, IT DID NOT HAVE THE ABILITY TO SCROLL DATA WITHIN THE BOX. THE SCROLL FUNCTION THAT I WROTE PERMITS YOU TO SCROLL IN EITHER DIRECTION AND YOU CAN SCROLL THE ENTIRE BOX OR JUST PART OF IT. THE ONLY THING IT DOESN'T DO IS MOVE NEW DATA INTO THE BOX; THAT'S YOUR RESPONSIBILITY. THE OTHER MAJOR ENHANCEMENT TO THE LIBRARY WAS THE EXPANSION OF THE BOX INPUT FUNCTION. ORIGINALLY, SNETETS COULD ONLY ENTER DATA & BACKSPACE DESTRUCTIVELY OVER STRING TEXT. SNETETS HAS SINCE BEEN EXPANDED TO PERMIT THE USE OF FCTN 1 (CHAR DELETE); FCTN 2 (INSERT MODE); FCTN 3 (DELETE LINE); FCTN 6 (HOME CURSOR); FCTN 5 (NON DESTRUCTIVE BACKSPACE) AND FCTN 0 (NON-DESTRUCTIVE FORWARD SPACE); WHILE IN INPUT MODE. ONE OTHER SLIGHT ENHANCEMENT WAS MADE TO BXTXT. BXTXT WILL NOW READ THE CURRENT LINE OF THE ROW AND COL PASSED AS AN ARGUMENT WHEN INPUT MODE WAS SPECIFIED BEFORE IT PLACES YOU IN READ MODE. BEFORE THIS CHANGE, YOU HAD TO GO THROUGH ALL SORTS OF DIRECT VIDEO ACCESS TO ACCOMPLISH THE SAME RESULTS. WITH THE CHANGES

IN SNETETS, ONE MIGHT BEGIN TO ENTERTAIN WRITING A SIMPLE EDITOR WHICH COULD WORK IN A DIALOGUE BOX ENVIRONMENT. APPLICATIONS WHICH ARE GOING TO USE BOXES FOR INPUT OF DATA SHOULD NOW BE EASIER TO CODE. IN THE PAST ONLY RATHER SIMPLE I/O COULD BE ACCOMPLISHED USING BOXES FUNCTIONS. IN FACT IT'S CONCEIVABLE THAT ONE COULD WRITE YET ANOTHER "DISK MANAGER".

IN AN EFFORT TO PUBLICIZE THIS LIBRARY'S EXISTANCE, IT WILL BE POSTED ON A FEW TI BBS'S, AN ELECTRONIC SERVICE LIKE DELPHI AND WRITTEN ABOUT IN NEWSLETTERS. IN ADDITION TO THE SOURCE CODE FOR THE LIBRARY, A RATHER INTENSIVE DEMO HAS BEEN WRITTEN TO ILLUSTRATE EVERY FUNCTION AVAILABLE.



JOKE OF THE MONTH

A MAN WAS WALKING DOWN THE STREET, DRAGGING ONE FOOT, WHEN HE SAW A MAN APPROACHING HIM, WALKING THE SAME WAY. AS THEY PASSED EACH OTHER, THE FIRST FELLOW SMILED, GAVE A THUMBS UP AND SAID "MEKONG DELTA, 1969."

THE SECOND FELLOW SMILED, RETURNED THE SALUTE AND SAID, "DOG CRAP, FIVE MINUTES AGO."



COMING EVENTS



AUGUST

AUGUST 18

**NORTH JERSEY - FDU
ROTHMAN ATHLETIC
CENTER - HACKENSACK
NJ - 500 TABLES.
OFF RT 4 ON
HACKENSACK AVENUE -
NEAR RIVERSIDE SQ.
MALL - OVER 3,000
PARKING SPOTS. SAT
10 AM TO 3 PM.**

SEPTEMBER

SEPTEMBER 15

**NORTH JERSEY - WM
PATTERSON COLLEGE -
REC. CTR. 400 TABLES
WAYNE, NJ - ALL
INDOORS - NEAR I80,
RTE 23 AND RTE 46 -
ABOUT 30 MIN. TO NYC
SAT. 10 AM TO 4 PM.**

SEPTEMBER 22

**SEATTLE TI CONVENTION
CALL QUEEN ANNE
COMPUTER SHOPPE TIBBS
(206) 5461865 FOR
ADDITIONAL INFO**

SEPTEMBER 23

**PHILADELPHIA AREA -
VALLEY FORGE CONV.
CENTER - OVER 400
VENDOR TABLES. AT PA
TURNPIKE EXIT #24,
RIGHT AFTER TOLL -
1 MILE ON RIGHT -
NEXT TO SHERATON IN
KING OF PRUSSIA, PA
SUN. 10AM TO 3PM.**

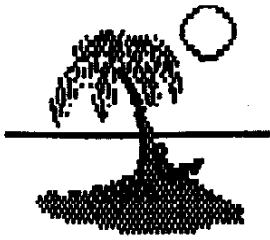
OCTOBER

OCTOBER 7

**4TH ANNUAL CPUG
COMP./ELECT. EXPO
COCOA AVE PLAZA,
605 COCOA AVE,
HERSHEY, PA. PRE-
REGISTRATION THRU
AUG 3RD. WRITE TO
CENTRAL PA 99/4A
USERS GROUP, P. O.
Box 14126,
HARRISBURG, PA
17104-9126 OR
CALL D RATCLIFFE
(717) 238-5414 OR
THE DATA FACTORY
BBS(717) 657-4992
OR 4997 (24 HOURS
8-N-1 300/2400.
SUN 7AM TO 3:30PM**

OCTOBER 27-28

**COLUMBIA N' WEST
TI COMPUTER FAIR,
JANTZEN BEACH RED
LION INN, PORTLAND
OR. SPONSORED BY
NOVA (NINETYNINER
OF THE VANCOUVER
AREA), WASHINGTON
AND PUNN(PORTLAND
USERS OF NINETY
NINES), OR. CONTACT
MICHAEL CALKINS,
1215 S.W. CEDAR
ST., LAKE OSWEGO,
OR 97034 OR (503)
636-1839.**



EDITORS FORUM

THIS PAST MONTH HAS BEEN A DISASTER FOR ME TO GET THINGS DONE. THE EXCHANGE NEWSLETTERS FOR JUNE WENT OUT IN MID JULY. THE NUMBER HAS INCREASED FROM THE ORIGINAL 13 TO 22. HOPEFULLY, JULY'S NEWSLETTERS WILL BE SENT OUT CONCURRENT WITH THE PRINTING OF THIS (AUGUST) NEWSLETTER.

SOFTWARE PURCHASES WHICH HAD DEFECTIVE DISKS OR WHICH WERE UPDATED HAVE STILL NOT ARRIVED. I'VE MADE THREE ATTEMPTS TO SUBSCRIBE TO VULCAN COMPUTER BUYERS GUIDE WITH NO SUCCESS. THE UPGRADE TO MY 80 TRACK EPROM HAS NOT ARRIVED AND IT KEEPS ME FROM USING TI BASE.

MY NEXT POTENTIAL PURCHASE, A PANASONIC KXP1124 PRINTER, HAD TO BE PUT ON TEMPORARY HOLD WHILE I REPAIRED A PLUMBING PROBLEM. MY AVPC CARD STILL REMAINS WITHOUT A COMPANION RGB ANALOG MONITOR AND HAS TO SURVIVE WITH A COMPOSITE MONITOR FOR THE TIME BEING. WITH A BIT OF LUCK, SOME OF THESE DILEMMAS WILL BE RESOLVED BY SEPTEMBER AND I'LL HAVE NEW ARTICLES FOR YOU READERS. TILL NEXT MONTH...

T199-4A AND GENEVE 9840 VENDORS

ALBDES COMPUTER SUPPLIES
6298 HAMILTON RD.
36 MAIN STREET VILLAGE
COLUMBUS, GA 31909
(404) 327-4900

REGARD SOFTWARE
P. O. Box 10306
ROCKVILLE, MD 20850
(703) 255-3005
CATALOG AVAILABLE

BRATZ COMPUTER SERVICES
719 EAST BYRD STREET
APPLETON, WISC 54911
(414) 731-3478
(414) 731-4320 AFTER 6PM
CATALOG #2

BUD MILLS SERVICES
166 DARTMOUTH DR
TOLEDO, OHIO 43614
(419) 385-5946

CADD ELECTRONICS
52 AUDUBON RD.
HAVERMILL, MA 01830
(603) 895-0119

COMPETITION COMPUTER
2629 W NATIONAL AVE
MILWAUKEE, WISC 53204
(800) 242-7902 IN WISCONSIN
(800) 662-9253 ALL OTHERS
CATALOG #1

COMPUTER SHOPPER
P. O. Box F
TITUSVILLE, FL 32781

CORCOMP
2211-G EAST WINSTON RD.
ANAHEIM, CA 92806
(714) 956-4450

DIJIT SYSTEMS
4345 HORTENSIA ST
SAN DIEGO, CA 92103
(619) 295-3301 VOICE
(619) 278-8155 BBS

DISK ONLY SOFTWARE
P. O. Box 244
LORTON, VA 22079
(310) 340-7179

GENIAL COMPUTERWARE
835 GREEN VALLEY DR.
PHILADELPHIA, PA 19128
(215) 483-1379

GREAT LAKES SOFTWARE
804 E. GRAND RIVER AVE.
HOWELL, MI 48843
(517) 546-0566

HARRISON SOFTWARE
5705 40TH PLACE
HYATTSVILLE, MD 20781
(301) 277-3467

HUNTER ELECTRONICS
4 N. 370 PINE GROVE
BENSENVILLE, IL 60106
(312) 766-9503

INSCEBOT INC.
P. O. Box 29160
PT ORANGE, FL 32029

JIM LESHER
722 HUNTLEY
DALLAS, TX 75214
(214) 821-9274

JOY ELECTRONICS
P. O. Box 342346
DALLAS, TX 75354-2526
(800) 422-3892 IN TEXAS
(800) 527-7438 ALL OTHERS

JP SOFTWARE
2390 EL CAMINO REAL #107
PALO ALTO, CA 94306
CATALOG \$1

LAFLAMME & WRIGLEY WHOLESALE
5480 CANOTEK ROAD
UNIT #16
GLOUCESTER, ONTARIO K1J9H6
(613) 745-2225

L. L. CONNER ENTERPRISE
1521 FERRY ST.
LAFAYETTE, IN 47904
(317) 742-8146

MCCANN SOFTWARE
P. O. Box 34160
OMAHA, NE 68134

MICROPENDIUM
P. O. Box 1343
ROUND ROCK, TX 78680
(512) 255-1512

MIDWEST ENGINEERING
203 ARCADIA DR.
VERNON HILLS, IL 60061
(312) 362-9034

MYARC INC
2624 RANIER DRIVE NE
BIRMINGHAM, AL 35215
(205) 854-5843

NOT POLYOPTICS
P. O. Box 4443
WOODBRIDGE, VA 22191
(703) 499-5543

PILGRIMS PRIDE
5 WILLIAMS LN.
HATBORO, PA. 19040
(215) 441-4262

QUALITY 99 SOFTWARE
1884 COLUMBIA RD #1021
WASHINGTON, DC 20009
(202) 667-3574

QUEEN ANNE COMPUTER SHOPPE
6102 ROOSEVELT WAY NE
SEATTLE, WA 98115
(206) 522-6558

RAMCHARGE COMPUTERS
6467 E. VANCEY DR.
BROOKPARK, OH 44142
(216) 243-1244 EVENINGS

RAVE 99
112 RAMBLING ROAD
VERNON, CT 06066
(203) 871-7824

TENEX
P. O. Box 6578
SOUTH BEND, IN 46660
(800) 348-2778
(217) 259-7051

TEXAMENTS
53 CENTER ST
PATCHOGUE, N. Y. 11772
(516) 475-3480
(516) 475-6463 BBS

TEX-COMP
P. O. Box 33084
GRANADA HILLS, CA 91344
(818) 366-6631
CATALOG \$2

THE BUNYARD GROUP
P. O. Box 62323
COLORADO SPRINGS, CO
80962-2323
(719) 488-2572

TIGERCUB SOFTWARE
156 COLLINGWOOD AVE.
COLUMBUS, OH 43213
(614) 235-3545

TRIO+ SOFTWARE
P. O. Box 114-A
LISCOMB, IA 50148

TRITON PRODUCTS COMPANY
P. O. Box 8123
SAN FRANCISCO, CA 94128
1-800-227-6900
CATALOG AVAILABLE

9648 NEWS
C/O BEERY MILLER
5455 MARINA COVE #1
MEMPHIS, TN 38115

NEWSLETTER EXCHANGE

THE FOLLOWING REPRESENTS A LIST OF TI USER GROUPS WITH WHICH OUR GROUP EXCHANGES NEWSLETTERS. IF YOUR GROUP EXCHANGES WITH GROUPS WHICH ARE NOT ON THIS LIST, WE'D BEEN EXTREMELY INTERESTED IN HEARING FROM YOU VIA THE COMMENTS AND SUGGESTIONS COVER PAGE.

CLUB 99
MAIL STOP 1-21
34 FOREST STREET
ATTLEBORO, MA 02703

NORTH JERSEY TI IBM UG
16 JUDITH ANN DR.
RINGWOOD, NJ 07456-1863

CENTRAL GARDEN STATE UG
61 COUNTRY LANE
HAMILTON SQUARE, NJ 08690

LITI 99ER'S UG
93 MYERS AVENUE
HICKSVILLE, NY 11801-2424

TWIN TIERS UG
C/O R. SASS
RD #1
ROCK STREAM, NY 14878

ERIE 99'ER USER GROUP
2812 WEST 33RD STREET
ERIE, PA 16506

NITTANY USERS OF TI
625 WILTSHIRE DRIVE
STATE COLLEGE, PA 16803

HAMPTON ROADS TI'ERS
4701 ATTERBURY STREET
NORFOLK, VA 23513

CONNI
181 HEISCHMAN AVE
NORTHINGTON, OH 43085

GREATER AKRON 99ER'S
P. O. Box 3201
CUYAHOGA FALLS, OH 44223

LIMA 99/4A USERS GROUP
P. O. Box 647
VENEDOCIA, OH 45894

GREAT LAKES COMPUTER GROUP
P. O. Box 152
ROSEVILLE, MI 48066-0152

MILWAUKEE AREA USERS GROUP
4122 N. GLENNAY
WAWATOSI, WI 53222

SIOUXLAND 99ER'S
4604 BLUESTEM CIRCLE
SIOUX FALLS, SD 57106

KANSAS CITY TI99/4A UG
P. O. Box 12591
NO. KANSAS CITY, MO 66416

DALLAS TI HOME COMPUTER
P. O. Box 29863
DALLAS, TX 75229

JSC TI99 USER GROUP
C/O JOHN OWEN
2321 CORYELL STREET
LEAGUE CITY, TX 77573

TI SLAVES
3010 W. 6540 SO.
WEST JORDAN, UT 84084

SOUTHWEST NINETY NINERS
P. O. Box 17831
TUCSON, AZ 85730

NORTHERN NEVADA 99'ERS
5554 MARK CIRCLE
SUN VALLEY, NV 89433

NORTH COUNTY 99ERS UG
P. O. Box 2500
ESCONDIDO, CA 92025

THE ROM NEWSLETTER
 USERS GROUP ORANGE COUNTY
 17161 EDWARDS STREET
 HUNTINGTON BEACH, CA 92647

REPORT CARD	
PERFORMANCE	A
EASE OF USE	A+
DOCUMENTATION	A
VALUE	A+
FINAL GRADE	A+

PAGE
 PRO
 V1.6

BEFORE WE START THE REVIEW, LET ME STATE UP FRONT THAT I'VE BEEN USING PAGE PRO VERSION 1.0 FOR ALMOST A YEAR NOW. I FOUND THIS VERSION A VERY USEFUL PROGRAM AND BECAUSE OF IT, I VOLUNTEERED TO BECOME NEWSLETTER EDITOR. (I HAVEN'T BEEN SORRY EITHER!) I HAD HEARD THAT AN UPGRADE WAS AVAILABLE AND BY THE TIME I GOT AROUND TO SENDING FOR IT, THE AUTHOR WAS ALREADY AT VERSION 1.6. SO HOW MUCH BETTER CAN THE PRODUCT BECOME?

FIRST OFF, THERE IS ONLY ONE VERSION OF THE PROGRAM INSTEAD OF THE 99/4A AND GENEVE VERSIONS. I DIDN'T UNDERSTAND THAT FROM THE BEGINNING SINCE MY 4A WOULD LOAD AND RUN EITHER PROGRAM. I'M NOT SURE IF OTHER INQUISITIVE PAGE PRO OWNERS HAD TRIED IT, BUT I FOUND IT KIND OF ODD.

THE PAGE FILE FORMAT HAS CHANGED SLIGHTLY. IT NOW INCLUDES AN ADDITIONAL 93 BYTES FOR THE 3 CURRENT FONT (LINE, SMALL AND LARGE) FILENAMES. WHILE THE DOCS STATE THAT PRIOR VERSION PAGE PRO FILES WILL LOAD SUCCESSFULLY (AND THEY DO), OWNERS OF VERSION 1.0 WILL NOT BE ABLE TO LOAD VER. 1.6 PAGE FILES. THE REASON IS THOSE ADDITIONAL 93 BYTES. TO RESOLVE THE PROBLEM YOU HAVE TWO OPTIONS. FIRST, UPGRADE TO REV 1.6 (COST \$4) OR SECOND, WRITE A UTILITY WHICH LOADS THE PAGE FILE

WITH THE ADDITIONAL 93 BYTES AND WRITES THE PAGE FILE OUT IN THE OLD FORMAT. IF YOU INSIST ON DOWNWARD COMPATIBILITY WITH OTHER PAGE PRO OWNERS, YOU COULD SUGGEST THIS AS A FUTURE ENHANCEMENT. THE TEXT EXPORT FUNCTION WILL NO LONGER EXPORT TRAILING SPACES, LARGE CHARACTERS OR PICTURES, BUT IT WILL RETAIN ANY LINE FONT CHARACTERS ON THE PAGE. I HAVEN'T HAD MUCH USE FOR THE EXPORT TEXT FUNCTION, BUT I'LL KEEP IT IN MIND FOR THE FUTURE.

THE ENHANCEMENT TO THE IMPORT TEXT FUNCTION IS GREETED WITH APPLAUSE. THERE HAVE BEEN MANY INSTANCES WHERE I WISHED I WAS ABLE TO POSITION MY CURSOR AND JUST LET NEW TEXT DATA FILL IN THE PAGE. WITHOUT IT, I WAS FORCED TO GO THROUGH EXTRA STEPS TO INSURE THAT THE TEXT WAS PROPERLY PLACED. THIS WON'T RESOLVE EVERYTHING, BUT IT DOES PROVIDE YOU SOME "ON THE FLY" EDITING, PREVIOUSLY NOT POSSIBLE.

PAGE PRINTING HAS HAD "QUAD DENSITY" REPLACED WITH "HI RES" SUPPORT. IF YOUR PRINTED SUPPORTS MICRO LINEFEEDS AND DOUBLE STRIKING, THEN YOU SHOULD BE ABLE TO SEE A MARKED DIFFERENCE IN YOUR PRINTED OUTPUT. TO USE "HI RES" MODE, YOU DO NOT NEED A 24 PIN PRINTER. THERE IS AN EXTERNAL PICTURE PRINT UTILITY AVAILABLE FROM THE EXTENDED BASIC MENU WHICH WILL PRINT USING A TRUE "24 PIN" MODE. WHEN I GET MY 24 PIN PRINTER, I'LL BE ABLE TO TEST IT OUT.

ERROR HANDLING HAS HAD IMPROVEMENTS TOO. THE MOST SIGNIFICANT ENHANCEMENTS HAVE TO BE THE FOLLOWING: 1) THE CURSOR WILL NOT HOME TO ROW 1 COLUMN 1 WHEN AN I/O ERROR OCCURS, 2) THE FUNCTIONALITY OF THE CATALOG FUNCTION. I CAN'T

COUNT THE NUMBER OF TIMES I FORGOT A FILENAME AND HAD TO EXIT THE PROGRAM TO FIGURE OUT JUST HOW TO SPELL THAT CERTAIN FILE? WHILE THE DOCS LIST THE CATALOG FUNCTION AS A NEW FUNCTION, WHAT REALLY MAKES IT SO NEAT IS THE WAY ITS USE IS INCORPORATED INTO THE PROGRAM.

THE FILENAME BUFFER USED BY THE LOAD AND SAVE OPTIONS ARE NOW BEING SHARED. IF YOU ARE GOING TO LOAD A PAGE FILE WITH PAGE PRO, ITS A FAIR BET TO ASSUME THAT YOU WILL SAVE TO THE SAME FILENAME. IF NOT, IT'S NO BIG DEAL TO CHANGE IT. ANOTHER NEW FUNCTION OF THIS VERSION IS CLIPART. THIS IS SOMETHING I WISH THAT HAD EXISTED WHEN I WAS FIRST SETTING UP THE NEWSLETTER. I LONG SINCE REALIZED THAT I'LL VERY RARELY NEED MORE THAN 28 PICTURE FILES ON A PAGE. THE AVENUES THIS OPENS FOR USING MULTIPLE FONTS ON ONE PAGE ARE TREMENDOUS. TILL NOW, I HADN'T ENTERTAINED THE THOUGHT BECAUSE OF THE EFFORT (TO MAKE USE OF IT) SEEMED LIKE MORE THAN ITS WORTH.

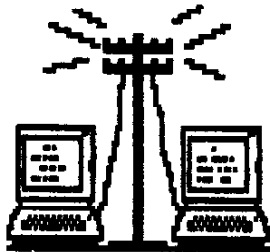
THE LAST SECTION THAT WAS ENHANCED WAS THE EXTENDED BASIC UTILITIES. THE EXTERNAL HI RES PRINT UTILITY WAS ADDED TO THIS MENU AND THE COLUMNIZER WAS ENHANCED. ON THIS SECTION I HAVE SOME MIXED FEELINGS. THE COLUMNIZER IN THE ORIGINAL VERSION WAS NOT ONE OF MY FAVORITE UTILITIES BECAUSE OF WHAT IT HAD A TENDANCY TO DO TO MY TEXT. THE PRIOR VERSION HAD A NASTY HABIT OF RESTRUCTURING MY PAGE SPACING AND MADE THE COMBINATION OF GRAPHICS AND TEXT A REAL GUESSING GAME. I SOON TIRED OF THAT AND WROTE MY OWN, NOTHING FANCY, BUT IT WORKED. THIS NEW VERSION HAS MORE STATUS INFORMATION BEING DISPLAYED

WHILE ITS WORKING, AND HAS SOME BELLS AND WHISTLES (PAGE NUMBERING AND PARAGRAH INDENTATION) ADDED WHICH ARE NICE. HOWEVER WHEN IT COMES DOWN TO THE BOTTOM LINE, DON'T MESS WITH MY TEXT. IF FILE IT'S READING HAS 40 LINES OF COLUMN TEXT, 10 BLANK LINES AND 12 MORE LINES OF COLUMN TEXT, I WANT IT TO STAY THAT WAY. THIS WAY I CONTROL EXACTLY WHERE MY PICTURE FILES WILL BE PLACED. WHEN I GAVE IT THE SMOKE TEST, THE COLUMNIZER RAN TO COMPLETION BUT IT REARRANGED SOME OF MY TEXT. AS A RESULT, I'LL STICK WITH WHAT I CURRENTLY USE.

SO HOW DO YOU RATE THIS PRODUCT? WELL, THERE ARE SOME GOOD THINGS THAT I WAS EXTREMELY HAPPY TO SEE (CATALOG, ERROR HANDLING, NEW DEFAULT FONTS, HI RES PRINT MODE AND CLIPART). THE ONE ITEM THAT STILL NEEDS WORK IS THAT DARN COLUMNIZER. IF THE AUTHOR IS LOOKING FOR IDEAS, HE SHOULD CONSIDER UTILITIES FOR THE E/A CARTRIDGE USER. I'M BEGINNING TO FEEL NEGLECTED. ANOTHER PROBLEM IS THE USERS INABILITY TO RESTORE THE DEFAULT FONTS WHICH LOAD WITH PAGE PRO. EVEN WITH THE THINGS I FIND WRONG WITH THE PRODUCT, MR JOHNSON HAS MADE ENOUGH IMPROVEMENTS IN THE PROGRAM TO KEEP IT #1. I'LL CONTINUE TO ASK FOR IMPROVEMENTS BUT I FEEL THE PRODUCT IS WELL WORTH THE MONEY AND RECOMMEND IT TO ANYONE WHO HAS A NEED OR LIKES TO COMBINE GRAPHICS AND TEXT.

NOTE: FOR THOSE OF YOU WHO ARE INTERESTED IN BEING ABLE TO RESTORE YOUR DEFAULT FONTS, YOU'LL FIND THEM IN THE FILE UTILS. AS YOU WOULD EXPECT, THE FIRST SIX BYTES ARE USED BY THE MEMORY IMAGE LOADER. THE NEXT 6884 BYTES COMPRISE

THE LINE FONT (384 BYTES), THE SMALL CHAR FONT (1140 BYTES) AND THE LARGE CHAR FONT (4560 BYTES). ALL YOU HAVE TO DO IS WRITE A UTILITY TO READ THE ENTIRE FILE (UTIL5) AS IF IT WERE DATA AND CREATE 3 NEW FILES WITH ONLY THE APPROPRIATE BYTES.



BBS SCENE

ANOTHER MONTH HAS GONE BY AND THINGS STILL CHANGE FOR THE BAD AND WORSE. FIRST, LETS GET THE BAD NEWS OUT OF THE WAY. THE WESTCHESTER 99ER'S USER GROUP HAS OFFICIALLY DISBANDED. THE FOLLOWING MESSAGE WAS LEFT ON THE DELPHI SERVICE.

FROM: ARTBYERS TO: ALL

THIS EVENING, THE CENTRAL WESTCHESTER 99'ERS CLUB OFFICIALLY DISBANDED.

FORMED ABOUT A HALF YEAR PRIOR TO "BLACK FRIDAY", THIS CLUB WAS VERY ACTIVE IN THE NY METRO AREA. IT ORGANIZED THE FIRST REGIONAL MULTI CLUB GET-TOGETHER THAT EVENTUALLY LED TO THE ORGANIZATION OF TICOFF BY SOME 6 99'ER CLUBS.

IT PUBLISHED A NEWSLETTER FOR OVER 6 YEARS, THE LAST FEW "ON DISK" AND UNLIKE MOST OF THE DISKAZINES, WAS NEVER LATE ON PUBLICATION.

THINGS CAME TO THE POINT WHERE ALL THEM MEMBERS OF THE CLUB OWNED OTHER BRANDS OF COMPUTERS BESIDES THEIR TI'S AND SEEMD TO BE USING THEM MORE OFTEN. SOME FOUND IT NECESSARY TO HAVE THE SAME BRAND OF COMPUTER (OR A COMPATABLE) TO THOSE THEY USED ON THEIR JOBS. THERE WERE MANY

REASONS, BUT MOST OF THE TI'S ENDED UP IN THE CLOSET.

FOR YOUR INFORMATION, AS OF THIS DATE, ANOTHER TICOFF FOR 1991 IS DEFINITELY PLANNED. HOW MUCH OF IT WILL BE DEVOTED TO 99/4A AND 9640 DEPENDS SOLELY ON THE COMMITMENTS WE GET IN ADVANCE FROM TI/9640 VENDORS AND USERS. WE WILL BE MAILING OUT A QUESTI ONNAIRE IN THE EARLY FALL. PLEASE ANSWER IT WHEN YOU OR YOUR CLUB, RECEIVES A COPY.

IT APPEARS THAT THE VENDOR COMMUNITY IS NOW TIRING OF MYARC'S PROMISES TOO. DISK ONLY SOFTWARE AND TI NET PRODUCT SERVICES ARE RETURNING ALL MYARC HFDC ORDERS THAT WERE PLACED FOR THE UNBELIEVABLE PRICE OF \$180. THE FOLLOWING MESSAGE WAS LEFT BY JEFF GUIDE (DISK ONLY SOFTWARE) ON DELPHI:

HFDC ORDERS CANCELLED
FROM: TELEDATA TO: ALL

DISK ONLY SOFTWARE AND TI NET PRODUCT SERVICES WILL BE RETURNING ALL MYARC HFDC ORDERS DURING THE NEXT WEEK.

MYARC HAS GIVEN US EXCUSES AND REFUSED TO EVEN CALL JIM HORN CONCERNING THE CARDS. SINCE LOU ISN'T INTERESTED IN SUPPORTING THE COMMUNITY WITH THE HFDC OR HONORING HIS PREVIOUS PRIDE TO US, I HAVE NO OTHER ALTERNATIVE THAN TO RETURN THE CARD ORDERS.

ALL TI NET PRODUCT SERVICE ORDERS AND ORDERS MAILED TO THE LORTON, VA P.O. BOX HAVE ALREADY BEEN SENT IN THE MAIL. ALL ORDERS FROM SHOWS AND SENT TO THE ROCKVILLE, MD ADDRESS WILL BE RETURNED IN THE NEXT WEEK.

WE ARE SORRY THIS HAD TO OCCUR, BUT AFTER THEIR INITIAL SHIPMENT BACK IN

MARCH TO US; WE KEEP GETTING STALLED.

FRANKLY; IT IS ALL BEYOND OUR CONTROL. I DO ENCOURAGE YOU TO LEAVE MYARC A MESSAGE HERE SO IT CAN BE SENT TO LOU; WRITE THEM A LETTER OR CALL DIRECTLY.

THANKS FOR YOUR SUPPORT. MAYBE THIS WILL SEND MYARC A MESSAGE TO GET THEIR ACT TOGETHER.

THAT'S ABOUT ALL THE BAD NEWS I HAVE THIS MONTH. NOW LETS GET TO BRIGHTER TOPICS. FIRST OFF THE FOLLOWING MESSAGE WAS POSTED BY A GENEVE USER FROM CANADA INTERESTED IN SEEING AN OPERATING SYSTEM DEVELOPED FOR THE GENEVE; OTHER THAN MYARC'S MOOS.

FROM: RFELTON TO: ALL

THERE'S ONE OF OUR USER GROUP MEMBER WHO HAD START SOME KIND OF POLL OVER HERE IN MONTREAL AND HE ASKED ME TO TRANSFER HIS QUESTIONS TO ALL NETWORKS. I WILL DO IT AS SOON AS HE'S FINISHED WRITING HIS TEXT ABOUT IT BUT TO SAVE SOME TIME; I'LL TRANSMIT HIS IDEA NOW. WOULD GENEVE USERS BE INTERESTED TO SPEND BETWEEN \$20. TO \$50. TO HAVE A COMPLETE AND WORKING DOS? HE'S NOT TALKING HERE ABOUT M-DOS BUT; IF ENOUGH USERS ARE INTERESTED (MEANING IF ENOUGH MONEY CAN BE COLLECTED); TO HAVE UNIX DO IT! IT SEEMS THAT UNIX OPERATING SYSTEM CAN BE EASILY ADAPTED TO ANY COMPUTERS; THE ONLY PART THAT MAY TAKE A FEW MONTHS IS THE PART THAT MUST BE WRITTEN FOR THE MICROPROCESSOR IN USE. RIGHT NOW HE DON'T WANT TO COLLECT ANY MONEY. THIS IS JUST A SURVEY TO KNOW IF ENOUGH USERS WOULD BE WILLING TO DO IT. IF YOU ARE INTERESTED; YOU CAN WRITE DIRECTLY TO HIM (NAME AND ADDRESS WILL BE POSTED

ON A FUTURE MESSAGE) OR JUST SEND ME A MESSAGE HERE WITH YOUR AGREEMENT OR YOUR OBJECTIONS; I'LL FORWARD THESE MESSAGES TO HIM. PERSONALLY; I CAN ADD THAT THERE'S ALREADY A DOZEN OF PEOPLES IN MONTREAL AND QUEBEC WHO ARE INTERESTED. I MUST ALSO ADD THAT IF THIS PROJECT EVER HAPPEN; ALL M-DOS PROGRAMS WON'T RUN UNDER THIS OPERATING SYSTEM. THIS MEANS THAT COMPANIES LIKE ASGARD; TEX AMENTS; J. P. SOFTWARE (IF THEY EVER RELEASE SOMETHING FOR THE GENEVE); ETC... WILL LOOSE THE GENEVE MARKET! WHO WOULD BE INTERESTED TO USE MY-WORD WHEN WORDPERFECT IS AVAILABLE? THINK ABOUT IT AND LET SYLVAIN KNOWS YOUR OPINION; DIRECTLY OR THROUGH ME. I'M SURE HE'LL BE ABLE TO CONVINCE YOU; AS HE DID WITH 11 OTHER.

SYLVAIN MORNARD
8351; NEUVILLE #19
ANJOU; QC. H1J 1Y3

FOR THOSE OF YOU WHO ARE INTERESTED IN OBTAINING A MECHATRONICS 88 COLUMN CARD; ASGARD IS CLOSE TO AN AGREEMENT TO BRING THESE NEW CARDS INTO THE USA. LOOK FOR THIS TO OCCUR WITHIN THE NEXT MONTH OR TWO. ASGARD HAS HAD SOFTWARE/HARDWARE DEVELOPER; MIKE MAKSIMIK WORKING ON A MIDI INTERFACE FOR THE 99/4a. IT WILL CONNECT VIA THE RS232 PORT AND THE CABLE AND THE SOFTWARE WILL SELL FOR SOMEWHERE AROUND \$40.

IN THE PAST MONTH CLINT PULLEY HAS RELEASED QUITE A FEW PROGRAMS. SOME OF THEM ARE NEW AND OTHERS ARE UPGRADES. AMONG THEM ARE
1) ASM16 LOADS THE ASSEMBLER FROM A HARD DISK
2) DIFF1.1 TEXT FILE COMPARATOR UPGRADE
3) QOE VER 2.1

4) TWO VERSIONS (99/4A AND 9640) OF A BINARY TO ASCII ENCODER FOR USE ON EMAIL SYSTEMS THAT ARE ASCII ONLY.

ON THE 99/4A SCENE, BRAD SNYDER HAS RELEASED VER 2.3 OF HIS 40 COLUMN UTILITIES FOR THE XB USER AND VER 1.6 OF TIPS IS NOW AVAILABLE.

TO CLOSE THIS MONTH'S COLUMN I'D LIKE TO LEAVE YOU WITH THE FOLLOWING COMMENTS I READ CONCERNING THE US MAIL SERVICE. WHILE WE ALL LOVE TO COMPLAIN ABOUT THE SERVICE, I THOUGHT THIS INDIVIDUAL'S THOUGHTS WERE A BIT UNIQUE.

OUCH!!! SORRY TO HEAR THAT! THIS IS A SUBJECT THAT HITS HOME WITH ME. KEEP IN MIND, THAT I OPERATE A MAIL-ORDER BUSINESS. MY BUSINESS MAIL HAS ALWAYS BEEN OK, ARRIVES, AND GETS DELIVERED ON TIME, WITH ONE EXCEPTION...

.... ON THE OTHER HAND, I HAVE SENT OUT THOUSANDS OF BUSINESS LETTERS AND PACKAGES, AND EVERYONE HAS BEEN OK. AS FOR MY PERSONAL MAIL....

I HAVE HAD MAIL MISDIRECTED, LOST, AND RECEIVED OTHER PEOPLE'S MAIL, BUT THAT IS DUE TO PART-TIME, NEW MAILPERSONS. WHAT REALLY GRIPES MY *SS, IS I SUBSCRIBE TO PENTHOUSE MAGAZINE, AND IT NEVER FAILS THAT MY ISSUES ARRIVE WITH THE PLASTIC BAG COVER TORN OPEN, AND THE PAGES HAVE OBVIOUSLY BEEN READ, BY SOMEONE! I THOUGHT ABOUT BUYING A SUBSCRIPTION FOR THE POST OFFICE, SO THEY'D LEAVE MINE ALONE!

THATS ABOUT IT FOR THIS MONTH. HOPEFULLY THEY'LL BE LESS DOOM AND GLOOM TO REPORT.