mini'app'les

apple computer user group newsletter

VOLUME VII No 8 AUGUST 1984

CALENDAR CALENDAR CALENDAR

WHICH	WHEN	WHERE	WHAT
Pascal & Apple /// Note 1	Wed Aug 1 7:30pm	Minnesota Federal 9th Ave S Hopkins	**Pascal & Apple ///** Special Interest Group Meeting.
St. Paul Branch - Note 3	Tue Aug 7 7pm-10pm	Mahtomedi Fire House Hallam & Stillwater.	
Dakota County Branch - Note 7	Tue Aug 7 7pm-10pm	St. John Neumann Church 4030 Pilot Knob Rd, Eagan	
Board Meeting Note 2	Wed Aug 8 7:30 pm	Call Dave Laden for address	General club business. Meeting is open to all members.
REGULAR **MINI'APP'LES** Note 5 Map inside	**WEDNESDAY** **August 15th** Prgm-7:30pm SIGs-8:30pm+	Edina Community Center 5701 Normandale 7 blocks S. of 50th St.	**Hall SysOps!** Bulletin Board System Operators Panel discussion.
Educational SIG	Wed Aug 15	After Regular Mtg.	Note 12
Business SIG	Wed Aug 15	After Regular Mtg	Disc Mgmt & Back-up utility - Note 10
Macintosh SIG Note 9	Mon Aug 20 Gab 6:30/Mtg 7:00	Southdale Branch Hennepin County Library 70th & York	Chuck Thiesfeld with Apple][- Graphic Tablet - Mac hybrid.
Minnetonka Branch Note 8	Wed Aug 22 7:30pm	Glen Lake Community Ctr 14300 Excelsior Blvd room E	Jim Hanson on Modems
New Hope Branch Note 16	Tue Aug 28 7:00pm	Rockford Rd Library County Road 9	Home budget programs
St. Paul Branch	Tue Sept 4	Mahtomedi Fire House	Note 3
Pascal & Apple /// Note 1	Wed Sept 5 7:30pm	Minnesota Federal 9th Ave S Hopkins	**Pascal & Apple ///** Special Interest Group Meeting.
Genealogy Club Note 11	Sun Sept 9 2:00pm	Minnesota Historical Society Library St Paul MN	
Macintosh SIG Note 9	Mon Sept 24 Gab 6:30/Mtg 7:00	Southdale Branch Hennepin County Library 70th & York	
Dakota County Branch	Tue Sept 11	St. John Neumann Church	Note 7
Computers in Medicine Note 13	Wed Sept 12 7.00pm	Health Associates Ctr. 2221 University SE, Rm 115	
St Cloud Branch Note 15	Thur Sept 13 7:30pm	Waite Park City Hall 5th Ave & 3rd St N.	It was a long summer but we are back now.
REGULAR **MINI'APP'LES** Note 5 Map next month	**WEDNESDAY** **September 19th** Prgm-7:30pm SIGS-8:30pm+	UNIVERSITY MINNESOTA ST. PAUL Room B45 Bldg 412 Near State Fair Ground	To be determined.
Educational SIG	Wed Sept 19	After Regular Mtg.	
Business SIG	Wed Sept 19	After Regular Mtg.	Note 10
Investment SIG	Thur Sept 20	Henn Cty Lib at Southdale	Note 4
New Hope Branch	Tue Sept 25	Rockford Rd Library	Various utilities - Note 16
Minnetonka Branch	Wed Sept 26	Glen Lake Community Ctr	Dan Buchler on Printer Intf - Note 8
Twin City Comp. Show	Oct 25-28	Minneapolis Auditorium	See ad and announcements.

Notes: (See page 2 for telephone numbers)

1. John Schoeppner
2. Dave Laden
3. Fred Woodward
4. Eric Holterman
5. Mark Abbott
6. Dan Buchler
7. Bob Pfaff
8. Dick Peterson
9. Mike Carlson
10. Dick Marchiafava
11. Bill DeCoursey
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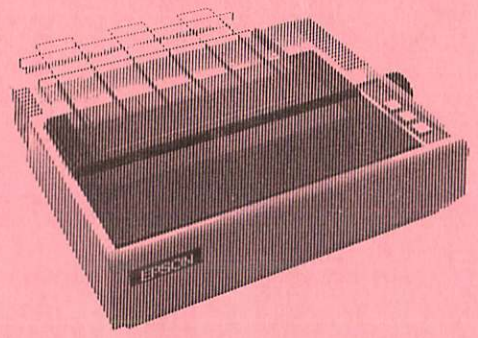

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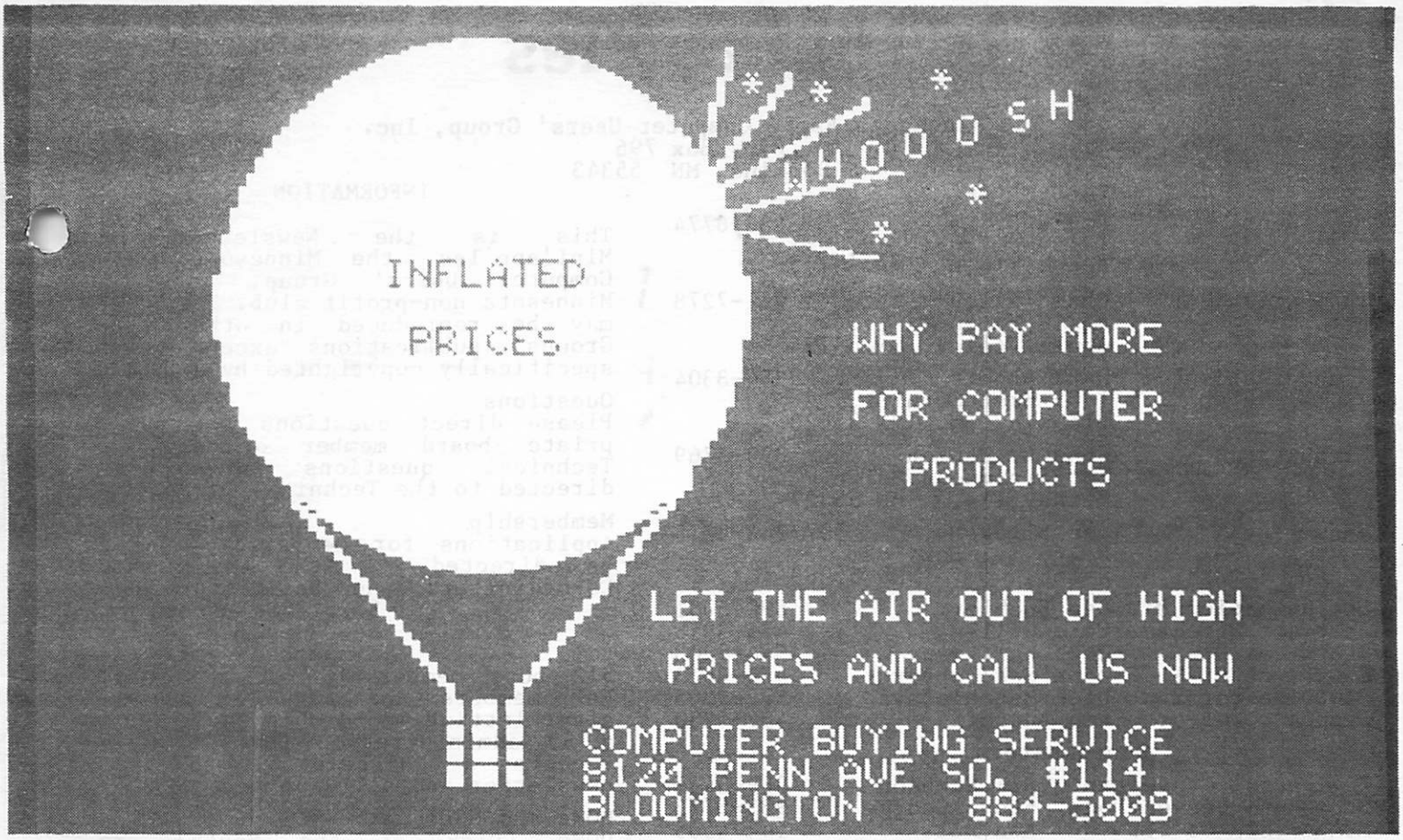

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Mini'app'les

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Hopkins, MN 55343

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	Steve George	935-5775
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MAC DOM Editor/Prod.	Steve Baker	935-1192

Communication/Newsletter Publication Staff

Director & NL Editor	Daniel B.Buchler 13516 Grand Avenue S. Burnsville, MN 55337	890-5051
Assistant NL Editor	Jo Hornung	922-7665
Contributing Editors	Arsen Darnay	933-0399
	Steve George	935-5775
Composition/Lyout	Joan Kistner	
Advertising	Eric Holterman	822-8528
Mailing Coordinator	Hugh Kurtzman	

INFORMATION

This is the Newsletter of Mini'app'les, the Minnesota Apple Computer Users' Group, Inc., a Minnesota non-profit club. Articles may be reproduced in other User Groups' publications except where specifically copyrighted by author.

Questions
Please direct questions to appropriate board member or officer. Technical questions should be directed to the Technical Director.

Membership
Applications for membership should be directed to the Membership Co-ordinator: Ann Bell 544-4505
8325 39th Avenue N.
New Hope,
Minnesota, 55427

$12 buys membership for one year. New members and persons renewing after letting membership expire, pay a $5 administration fee. Members receive a subscription to this newsletter and all club benefits.

DOMs and MSDs
DOMs (Disk of the Month) are available at meetings for $5/disk or any DOM may be ordered by mail for $6.00/disk. MSDs are $15/disk at meetings or $17.50/disk by mail. Send orders to Mini'app'les at above address attention DOM Sales.

Members may have DOMs copied to their own media. Contact Chuck Thiesfeld - details within this newsletter.

Dealers
Mini'app'les does not endorse any specific dealers but does promote distribution of information which may help club members to identify the best buys and service. Consequently, the club does participate in bulk purchases of media, software, hardware and publications on behalf of its members.

Newsletter Contributions
Please send contributions directly to the Newsletter Editor. Hard copy binary or text files are preferred, but any form will be gratefully accepted. Deadline for publication is the 1st Wednesday of the month preceding the month in which the item might be included. An article will be printed when space permits if, in the opinion of the Newsletter Editor, it constitutes suitable material for publication.

Advertising
Direct Advertising inquiries to our co-ordinator Eric Holterman at:
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E-Mail: Source, BBR490;
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ANNOUNCEMENTS

Minnetonka Branch
by Steven E. Baker

The August 22 meeting of the Minnetonka Branch will be a presentation on Modems by Jim Hanson. Jim will be using a modem to contact local bulletin boards using primarily ASCII Express and the Hayes Micromodem.

The September 26 meeting will consist of a general discussion on Printers by Dan Buchler. Dan is the newsletter editor and his knowledge and experience with printers is well known amoung club members, so this should be a good one. More details will be published next month. (Dream on, Steve. Ed.)

Those attending the June meeting were treated with a excellent program by Dick Peterson on the Mockingboard Speech and Music card. Dick also showed that the Music Construction Set software program and the Mockingboard could play beautiful music together. Thank you, Dick.

August Mini'app'les Regular Meeting

The main meeting for August will be held on August 15th at the:

Edina Community Center
5701 Normandale Road
Edina

See map near back of newsletter.

Hail to the SysOps. Those industrious individuals who run some of the Twin Cities' bulletin board systems, known as System Operators (SysOps), will gather for a round table discussion (without a round table). If you have any interest in bulletin boards, come to the meeting. It should be interesting.

MacSIG Off To The Races

The first official MacSIG meeting was held at the Southdale Branch of the Hennepin County Library (70th and York South) on July 9th. This meeting was a followup to the preliminary organizational meeting a month previous. From the head count at the July 9 meeting, there seems to be a lot of interest in the Macintosh computer from Apple. There were about 50 hardy souls that shared interesting tidbits about the Macintosh during the evening.

Mike Carlson did a great job in putting the program together on short notice, after the scheduled speaker ended up a first-aid case and had to bow out from the assignment. The first order on the agenda was planning for the next two meetings. Due to a scheduling conflict at the library, second Mondays could not be accommodated for August and September. With bearly a whimper, open dates for August 20 and September 24 (both Mondays) were accepted by the MacSIG'ers. We have asked a certain hybridizer (reported on below), to bring his Apple-Mac combination to the meeting.

Right here on the Minnesota turf one is rumored to have mated Mac to the Apple Graphics Tablet. Now just what do you think will come out of that union? I can see it now... So much RFI that the navy's ELF network will be rendered useless. Subs at sea will get sketches of apples instead of NATO manuevers. (This hybridizer is reported to be Chuck Thiesfield.)

A plea was registered by a member from the northern environs to swing a meeting up into the Rosedale area. Within two beats of the Mac's 8MHZ clock, that lucky Mini'app'ler was appointed as a committee of one to search out that possibility for October's meeting and report to the MacSIG on what's available.

The MacSIG was again poled to introduce themselves and to expound briefly on their interest in the Macintosh. Once again, the diversity of the computer showed through, garnering responses from those yet to take the MacPlunge, to application hunters, to application writers. This time the flavor of those assembled seemed to lean toward the business potentials of the Macintosh, though there was certainly no single interest that held a majority reply.

Opening up the floor to general Macintosh questions, it was clear that those owning Macintoshes are still awaiting the flood of promised software. There were a flurry of questions about the release dates for a host of the program titles that have been making the press circuits. The crew from PBS helped to provide a few updates on schedules, but expressed a similar sense of frustration. One of many "authoritive" lists was posted, but all of these seem to be out of date by the time they can be assembled and distributed.

GOTO 8

Announcements Continued from page 7

Mike had brought a few of the "for real" new programs along for demonstration to the group. To the titles now available, you can add the following:

THINKTANK: an "idea" processor, designed to help you organize outlines, open them for detail, rearrange for clarity and compress for viewing the whole concept.

MILLIONAIRE: a stock market simulation game where you buy and sell stocks over a 77 week period, attempting to maximize your holdings.

CLICKART: one of several available disks of artwork that you can move to your Paint or Write documents to pretty them up and add interest.

BLACKJACK: a casino game of skill and luck based on the card game of the same name. (This demo was sent to the MacSIG group directly for evaluation... The word is getting around.)

Brochures on several impending releases have been showing up at the dealers. Some of the more "serious" programs have been recently re-targeted for August. Apple says to look for MacPascal in July. There are still a lot of things that will just not give in to speedy release wishes, no matter how strong. Latest word on "Word" is fourth quarter, and that flower program will be '85, when the Mac gets a bigger brain (otherwise known as Fat Mac).

But things really haven't been dead in the water, even though there are disappointments in the schedule department. The printer folks are hard at work doing their best to allow Mac to show off on other brands than the captive ImageWriter. Utilities are available that let you take a Write file and send it out via selected printers. And a software company claims to have a "patch" disk that will hook any of several of the heavyweight "letter quality" bangers up as paperpunchers, for a license fee. Apple itself has said it would provide the driver to allow Mac to use the Apple daisy, too.

GOTO 9

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Announcements Continued from page 8

For those wishing to explore art and their Mac, Sara Barnaby of PBS announced a class looking into how artistic talent might be nurtured by the Mac. The class is taught by Steve Watson, an elementarty art instructor in the St. Louis Park school system. Contact Sara for further details.

Spurred by this tabulation of activity surrounding the Mac and MacSIG, we hope to see many more faces at the next meeting, as we try to explore the Mac to its fullest, and make the MacSIG a valuable resource to the Mini'app'les club.

Your MacSIG Recordist... Tom Edwards

Your newsletter editor attended the above MacSIG meeting. It reminded me of the early days of Mini'app'les with one difference. In those days, the attendees were mostly what are now known as "Hackers". The mix at the meeting could in no way be described in that manner. The diversity of users is very inpressive. As the Apple ad says: "the computer for everyone"..... Ed.

MacSIG waits not for the industry to do it for us. Instead, we will be showing the world some of what Mac can do. So read on.....

Wanted MAC DOM
by Steven E. Baker

All right, all right, I'm tired of hearing there is no software for the Macintosh. So let's do something about it. The early users of the Apple][faced a similar situation and they didn't wait for the software houses to write all of the programs. They wrote their own programs and above all shared their creations with other users.

I propose that the Macintosh Special Interest Group (MAC SIG) do the same by beginning to collect and distribute public domain software among our membership. So, to get the show started I have volunteered to get the MAC DOM project underway and have already received numerous offers for assistance in the creation of our first MAC DOM. We have also been funded by Mini'app'les to cover the capital needed for disk purchases.

I'm looking for any contributions in the following areas:

- MS Basic programs
- Stand alone Mac programs
- MacPaint Materpieces
- Multiplan Templates
- Tips and Techniques articles
- Software and Hardware reviews and experiences
- Anything else you might like to share

Please mail or give your contribution(s) to:

Steven E. Baker
% Advantek, Inc.
7750 West 78th Street
Minneapolis, MN 55435
Home 935-1192

I regularly attend the main Mini'app'le meeting, the Minnetonka Branch meeting and of course the MAC SIG meeting.

Please enclose your name, phone number and mailing address with your contribution(s), preferably on the disk itself. If you want credit for your contribution, put your name, etc., in the program's information area. If you have entered a public domain program or tips and techniques article from a published source please give them credit in the same area. All program disks will be returned to their owners.

Now all we need are the contributions and the assistance in getting the first MAC DOM put together for distribution. WATCH FOR IT...

GOTO 10

Mini'app'les Software Disks
MSDs

3 Great Disks:

- Mini'Scrip Checkbook Financial System - MSD #1. A home and small business checking and accounting package by Leighton G. Siegel.
- Micro-mailer - MSD #2. Mail list program by Juris and Paula Ozols of Prairie Microsystems Inc. Magic Window though not required works well in conjunction with Micro-mailer.
- Higher Text Extensions - MSD #3. Contains Higher Print by Dan Buchler, Message Maker by Charles C. Boody and Higher Word-processor by Don Hagberg.

Higher Print provides a high density print capability with a selection of fonts and more if you own Higher Text from A.P.P.L.E. The newsletter headers and logo are printed with Higher Text.
Message Maker requires that you own HIGHER TEXT. It serves as a tool to create and display, on your screen, messages which scroll up and down, left and right and do other useful things.
Higher Word Processor is a easy to use line oriented text editor suited to letter writing and everyday home use. It integrates with Higher Print.

All MSDs are available at meetings, to members only, for $15, or by mail from Terry Schoeppner for $17.50. See classified ads.

Announcements Continued from page 9

KSTP Computer Talk

Tune in to KSTP (1500 AM) every Saturday at 5 p.m. to hear **Computer Talk.** Mini'app'les will supply an 'expert' for this show on the 2nd Saturday of each month. If you have an Apple related question, here's your chance to get on the air! Note: Chuck Boody was our representative for July and made lots of musical points!

Chuck Thiesfeld will be the representative for August! By the way, Chuck is doing double duty, since he also volunteered for the Mac SIG demo!

CP/M Liaison

Reference 'Minutes' elsewhere in this newsletter. Rather than promoting a Mini'app'les run CP/M SIG, we are instead suggesting that members interested in CP/M, join the Twin Cities CP/M group. We are looking for a liaison individual within Mini'app'les who can steer people in the right direction and perhaps answer CP/M questions.

If you are interested, please telephone Dave Laden, your President.

Business Sig
by Dick Marchiafava

SUMMER DEMO SUBJECTS

The Business SIG meetings have been suspended for the summer. However, we are holding demonstrations during the SIG cluster after the main club meetings.

The subject of the August 15th Business SIG cluster will be Disk Management and Backup Utilities. Members of the Business SIG will show how utilities are used to organize and manage disk files, and how to make backups. Persons who are not of a technical bent may be unaware that disk management utilities are tools of which they could make good use.

See you at the Business SIG clusters!

New Hope Branch
by Jere Kauffman

Results of a survey taken at a previous meeting indicated high interest in various home budget programs, utilities and word processing capabilities. These high interest areas will be the basis for future group meeting topics. Members are encouraged to read the Mini'app'les calendar of Events (front cover of newsletter) which lists the monthly New Hope agenda. Thanks to Richard Hreha for demonstrating his Hero robot at a past meeting. Our friends from Team Electronics have agreed to demonstrate the Rana 8086 Co-processor at our July meeting after we discuss our survey results. (See bulk purchase below.) This newsletter will have been published by the time the meeting happens. In August we will demonstrate various home budget programs, and September will find us looking at various utilities. All friends in the New Hope area are invited to join in our branch meetings.

Rana 8086 Bulk Purchase
by Dan Buchler

I am thinking (but have by no means as yet made up my mind) of taking the plunge and buying the Rana MS-DOS sub-system. If there are others in the same boat, I would love to talk to you. Maybe we can help each other decide and maybe we can come up with a bulk purchase plan! Please call me at 890-5051. Also see article in July Mini'app'les newsletter. We hope that we can bring you some preliminary evaluation information in the next newsletter since at least one unit is now in town. (See New Hope Branch above.)

GOTO 11

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Announcements Continued from page 10

DOM Pricing changes

With a change in leadership resulting from the April Mini'app'les elections, comes inevitable changes in how we do business. We think you will like this one. Some DOM prices have been reduced. First of all, recent DOMs will still be sold at meetings for $5. However, on an available basis, older DOMs will also be sold for $5. We hope also to add more public domain disks to those which are currently available.

The other good news is that DOMs, both recent and old, plus EAMONS, will all be available through the mail for $6.00 (tax included).

Send your orders to:
Mini'app'les
PO Box 796,
Hopkins, MN, 55343

Attention DOM Sales

Please do not forget the Attention marking!

Twin City Computer Show 1984

There will be a 1984 Twin City Computer Show. The date is Oct 25-28 and the place is the Minneapolis Auditorium. See ad elsewhere in this newsletter.

We, Mini'app'les, will have a booth. As in past years, we need a lot of volunteers. Call Steve George, at 935-5775, if you are interested.

The show will retain the same format as last year, but with emphasis on local dealers and suppliers and on distributors, manufacturers, etc.

I think the show management is doing a good job in promoting and soliciting good exhibitors. If you are interested in exhibiting, call 800-368-2066.

Calendar Announcements

Please submit all calendar dates, changes, etc., to Ron Androff. Ron has volunteered to be the calendar maker for the newsletter. As for all newsletter items, timely submission helps us all!

DOMs by Mail

Continuing Service for Mini'app'les Members

by Chuck Thiesfeld

Now members can order DOMs (not Mini'app'les Software) using their own diskettes. Here is the procedure:

Make up a package containing the following:

1. Blank diskette (or diskettes if more than one is desired).
2. Mailer. Diskettes will be returned in same protective device used to send the diskettes, provided such will fit in the mailer.
3. Send correct postage in stamps - do not send money in lieu of stamps.
4. Self-addressed return label.
5. $1.00 copying fee per DOM or disk.
6. A note indicating which DOMs are desired.

GOTO 24

WE FIX BRUISED APPLES.

We're a fully authorized Apple service center offering fast, convenient and affordable repairs for Apple II, III, II Plus and IIe models. We also service Epson, Okidata, NEC and Comrex printers. Extended service contracts available at reasonable rates for on-site or in-shop service. Use your Dayton's charge, MasterCard® Visa® or American Express® For information, call 623-7123.

DAYTON'S
©1984, DHC
COMPUTER REPAIR SERVICE

PERSONAL BUSINESS SYSTEMS, INC.

Dear Members and Friends:

We would like to welcome the new members who have joined the Mini'app'les over the last year and reacquaint ourselves with the rest of you.

Since 1979 our company has specialized in Apple Computer sales and service. In December the company was acquired by David and Sara Barnaby who are also club members. We offer special pricing to members for systems, software, and other items. We do require that you have your membership card to qualify. Contact us for details on our policies. We intend to give you fair prices and good care.

To stress repair service we would like to again offer special repair service prices for Mini'app'les members. The rate is $30 per hour (regular $40) plus parts of course. Most jobs can be done for our minimum which is $15. As a special incentive to get Applecare we will wave the inspection fee to members (but we do need to certify that the system is in working order). Applecare provides low cost insurance against expensive repairs bills and can be used at any Apple dealership in the country.

Please come visit our stores to see the latest in Appleware.

Mike Carlson

Mike Carlson
Manager Upton Store
929-4120

Tom Edwards

Tom Edwards
Manager Highland Store
698-1211

Networker Update

Fixing Bad Textfiles Created Using Networker Software 1.0

by Steve George

Fortunately, relatively few copies of Networker Software version 1.0 are in circulation so the numbers of people this article will impact will also be limited. Hopefully! Because the "problem" is inconsistent and whether it affects those of you with 1.0 also depends upon which word processor you use for editing your captured textfiles.

But, the problem can cause severe headaches to those it plagues. Both the inconsistency and the problem are because the Text Buffer isn't properly initialized when the program is booted. The first character in the Text Buffer can be ANYTHING. If there is a problem with the file, most likely though it's a 'rubout' character ($7F or $FF). Thus, when it happens to be an $FF, Applewriter [says to itself... "Hmm, an $FF, this must be the end of the text, I'll stop reading this file here." So what you have is a file you cannot access!

$00 is the legitimate delimiter for end-of-text but Applewriter][(and others?) somehow decide that $FF is ALSO an indicator for the end.

So, here's whatcha do...

Enter and run this little program which will prompt you for the filename. If you enter CATALOG for the filename, you will also be asked which drive to catalog. The program makes certain assumptions about the file, but so far there have been no reported problems using it. Finally, a line of text will indicate whether there was a DOS error (check your manual for error numbers and re-run this program when the error has been remedied), whether the file was OK (previously updated or OK all along), or that it has been UPDATED (fixed).

Let me know if you have any problems using this little program.

```
 10  REM NETWORKER FILE UPDATER
 20  RUB$(1) = CHR$ (127) : RUB$(2) =
     CHR$ (255)
 30  ONERR  GOTO 400
 40  D$ = CHR$ (4) : RTN$ = CHR$ (141)
 50  TEXT : HOME
 60  INVERSE : FOR SPACE = 1 TO 40
 70  PRINT " ";: NEXT
 80  PRINT "* 'CATALOG' FOR NAMES *";
 90  PRINT "* 'END' TO QUIT *";
100  FOR SPACE = 1 TO 40: PRINT " ";
110  NEXT : NORMAL
120  PRINT : POKE 34,4
130  PRINT : PRINT
140  INPUT "FILE NAME: ";NWFILE$
150  IF NWFILE$ = "END" THEN  GOTO 450
160  IF NWFILE$ <  > "CATALOG" THEN 210
170  PRINT "     DRIVE 1 OR 2 ?";
180  GET DR: PRINT DR
190  IF DR < > 1 AND DR < > 2 THEN 130
200  PRINT D$;NWFILE$;"D";DR: GOTO 130
210  IF LEN (NWFILE$) = 0 THEN 130
220  PRINT D$"VERIFY ";NWFILE$
230  PRINT D$"OPEN ";NWFILE$
240  PRINT D$"READ ";NWFILE$
250  CHAR$ = ""
260  INPUT CHAR$
270  FIRST$ =  LEFT$ (CHAR$,1)
280  OK = (FIRST$ < > RUB$(1) AND
     FIRST$ < > RUB$(2))
290  IF OK THEN  GOTO 370
300  CHAR =  LEN (CHAR$)
310  PRINT D$"OPEN ";NWFILE$
320  PRINT D$"WRITE ";NWFILE$
330  PRINT " "; RIGHT$ (CHAR$,CHAR -1)
340  PRINT D$"CLOSE ";NWFILE$
350  PRINT "FILE NAMED ";NWFILE$;"HAS";
360  PRINT " BEEN UPDATED": GOTO 130
370  PRINT D$"CLOSE ";NWFILE$
380  PRINT "FILE NAMED "NWFILE$" WAS OK"
390  GOTO 130
400  ERR =  PEEK (222): POKE 216,0
405  IF ERR = 5 THEN CHAR$ = " " + RTN$
     : GOTO 300
410  PRINT D$"CLOSE": PRINT "ERROR #";
420  PRINT ERR;".  CONSULT DOS MANUAL."
430  ONERR  GOTO 400
440  GOTO 130
450  NORMAL : TEXT : END
```

This will fix the previously-saved textfile, but what about preventing the problem altogether?

Now, to the meat of the solution: how to alter your version 1.0 so this "Updater" won't be necessary. First, boot a 'normal' DOS disk. Next, take your back-up Networker 1.0 disk and UNLOCK NETWORKER. Then BLOAD NETWORKER. Enter the Monitor (CALL -151). Type: 87FB:A9 A0 8D 00 0B <RETURN>. Then BSAVE NETWORKER,A$87FB,L$E05. Lastly, LOCK NETWORKER.

This simple solution will force a space character into the start of the Text Buffer, thus fixing the problem of starting a textfile with a rubout character.

MACINTOSH SUMMER SOFTWARE

FROM MACINTOSH DEVELOPERS GROUP 17 July 84

Company	Product	Date
Apple	MacWrite/MacPaint	Now
Kensington Microware	Mac Accessories	Now
T/Maker	ClickArt(3 versions by July)	Now
Creative Solutions	MacForth	Now
Penguin	Transylvania	Now
MegaHaus	MegaMerge	Now
Microsoft	Microsoft BASIC	Now
Microsoft	Multiplan	Now
Main St. Software	Main St. Filer	Now
Habe	Habadex	Now
Habe	HabeDialer	Now
Tecmar	Hard Disk	Now
Ag/Harris	Demo/ Evaluator	Now
Ag/Harris	Multiplan Templates	Now
Human Edge	Sales Edge	Now
SouthEastern	MacTransfer	Now
Miles Computing	Mac the Knife	Now
SoftLife	MacSlots	Now
Applied Creative Technology	Hardware Printer Buffer	Now
ATI	MacCoach	Now
Blue Chip Software	Millionaire	Now
DatePak	Mac Jack	Now
Pryority S/W	Forbidden Quest	Now
Living Videotext	Think Tank	Now
FingerTip Software	500 Menu Patterns for MacPaint	Now
Avatar Technology	3278 Coaxial Connection	Now
Corvus Systems	Hard Disk	Now
Intermatrix	MacPhone	Now
Harvard Assoc.	MacManager	Now
Davong	Hard Disk	Now*
InfoCom	Zork 1,2, and 3	Now*
InfoCom	Deadline	Now*
InfoCom	Witness	Now*
InfoCom	Suspended	Now*
InfoCom	Planet Fall	Now*
InfoCom	Enchanter	Now*
InfoCom	StarCross	Now*
InfoCom	Infidel	Now*
Appropos	Real Estate Planner	Now*
Videx	Game Pack	Now*
Assimilation Process	Mac-Daisywheel Connection	Now*
Micron Technology	Micron Eye	Now*
Penguin	Pensate	Now*
Desktop S/W	1stBase	Now*
Anchor Automation	Volksmodem	Now
Megahaus	MegaFiler	Early July
Winterhalter	DateTalker II	Early July
Mark of the Unicorn	Professional Composer	Early July
Orion Training Systems	The Master	Early July
Rio Grande	SoftMaker II	Early July
Softworks	Macintosh "C" Compiler	July
Omnis	Omnis II	July
Apple	Macintosh Pascal	July
Brock	Keystroke	July
Apple	MacTerminal	July
Okidata	Series 92 Dot Matrix Printer	July
Hayden Software	DaVinci	Mid-July
Kensington Microware	Portable Modem	Mid-July*
Assmilation Process	Mac-Daisywheel Connection	Mid-July*
Ag/Harris	Profit Projector	Mid-July
Microcom	ERA 2 Communication System	Mid-July
Sierra On-Line	Frogger	Mid-July
Aardvark/McGraw-Hill	Tax Planner	Late July
Dow Jones	Straight Talk	Late July
Dow Jones	Spreadsheet Link	Late July
Odesta	Helix	Late July
ICI	MacPuzzle	Late July
Sentient	Cyborg	Late July
Hayden Software	Sargon III	Late July
Industrial Computations	MacPuzzle	August
Stoneware	DB Master	August
Videx	Lisa Desktop Calendar	August
Challenger	Legacy	August
Telos	Filevision	August
Solarsoft	Mac Architectural	August
DigiCorp	theBASE	August
Microsoft	Microsoft Chart	August
Oberon Int'l	Omni Reader	August
Continental	Home Accountant	August
S/W Publishing	PFS: File	August
S/W Publishing	PFS: Report	August
Human Edge	Negotiation Edge	August
Penguin	Xyphus	August
Monogram	Dollars and Sense	August
Apple	Assembler/Debugger	August
Apple	MacBasic	August
Hippopotamus Software	Hippo C (C compiler)	August

*Added or changed from last week

All information in this list is provided to Apple Computer by the product's developer Apple cannot warrant any third party products or their anticipated availability dates Please contact the individual developers for further information

Software for the Macintosh

Software for the Macintosh has been slow in coming, but it is starting to arrive. A few of the programs that are now available are listed below. If you would like to be put on our Macintosh mailing list, let us know. We'll keep you posted.

	Ours		Ours
Multiplan	159.95	Millionaire	49.95
Microsoft BASIC	122.95	Apple Macintosh Book	15.95
Microsoft Chart	99.95	Transylvania	28.95
ThinkTank	117.95		

Sale: ClickArt - only 35.95 !

MN residents add sales tax.
Include $3 per order for shipping.

MICRO MAIL
Dept. M11
P. O. Box 1451, Burnsville, MN 55337

mini'app'les
apple computer user group

MAC SIG

WANTED MAC DOM PROGRAMS AND MACPAINT™ ART CONTRIBUTIONS

MAC SIG DISK

How about starting a Macintosh Special Interest Group (MAC SIG) Disk of Public Domain Programs and MacPaint Materpieces. All we need are some contributions and assistance in getting the DOM's put together for distribution.

TENTATIVE DISTRIBUTION

1. Persons donating a program/picture on the current disk will receive these programs free when they supply a disk to copy them.

2. Other MAC SIG/Mini'app'le members will be able to buy disk at a nominal cost at meetings.

3. After we have a few disks full, we can contact other MAC groups and try to start a exchange program.

CONTRIBUTIONS

Send or Give your contribution to:

Steven E. Baker
% Advantek, Inc.
7750 West 78th Street
Minneapolis, MN 55435
Work 944-7654 or Home 935-1192

All program disks will be returned to owner.

Anybody(s) that would like to assist in the gathering of programs and assembling/copying disks would be welcome.

DaisyWheeling

Faithless in Europe
by Arsen Darnay

I went to the Old World this summer. Some of you may know that I'm from that side of the ocean originally (no wonder, with a name like **that!**). Yes, it's true. I come from the same country that gave us Rubic's Cube, and if you don't know where the Cube came from, you've not even penetrated the **fringe** of that world of hackers, math wizzards and madmen I call family. . . So be very still and hear this sad confession.

Anyway, it's been a while since I went "home." Was about time to go — but I left only because of my dear wife's iron determination to get me away from the Apple and its obsessions. She succeeded, and consequently I will now hold forth about Europe a little. (All those who have buses to catch, please leave quietly.)

I boarded the plane with great misgivings and a heavy briefcase. Such a touching farewell — with my Apple. I stroked it tenderly before departure, I caressed its keys, I wondered how hard it would be. I will write, I whispered. I will be back. Be careful. Don't be struck by lightning, don't get yourself stolen, and please hang if UNAUTHORIZED personnel should touch you. Sniffed a bit. And left. It gave no answer — but then lovers don't need words to communicate.

That briefcase of mine held **tons** of paper — books, program listings. Somewhere on a Paris Metro I renamed my briefcase "Brother" — in the sense that "He ain't heavy, he is my brother." I fully expected that I would spend my "spare" time reading, programming, and generally carrying on in the same absurd way I'd developed over the past couple of years. In the airport, awaiting the ridiculously delayed departure of the charter carrier, I began to read a new book on the Motorola 68000 processor's assembly language which I'd bought. "Light reading?" my wife asked with eyebrow raised. "Light entertainment," said I, thinking that it was probably the start of a heavy love affair.

But, as you've probably guessed, something funny happened on the way to Orly. Maybe it was the man in front who leaned his seat back so far that I sat folded into a strange yoga posture all the way across the Atlantic. Maybe it was the certain knowledge that BASIC and FORTRAN and 6502 had completely driven the last vestige of French out of my head, and hence we'd have Big Trouble getting a meal. Maybe it was memories of a continent on which I was born before computers were (but after Babbage, inventor of the Analytical Engine, had committed suicide — probably because he foresaw the El Weirdo behavior the Real Thing would produce in some of us Questers after Hackerdom).

(If all this is starting to sound strange to you, maybe you'd best polish off your old notebooks on Literature, because that's what this **is**, friend.)

Onward. Not to hold you in suspense, I forgot all about computers, Apples, DOS, cards, and all that stuff the moment my feet hit the Old World's cement. My conscience stirred, from time to time. The still small voice whispered that I should at least peek at the manuals, listings, and such-like arcana that filled Brother to bursting. But I brushed aside all calls to virtue and abandoned myself to the Pleasures of the World — such mad things as sleeping, walking beaches, eating long meals, conversation (ye gods!), reading a novel (shriek, cackle), and the death-lust of driving in the traffic of Madrid.

As if to accuse me of my faithlessness, Fate sent me little notes. For example, when I first parked our rented car in front of my daughter's apartment in Tours, France, the little Renault in front of me carried a bumper sticker saying something like **J'aime Apple!** It was a sobering moment, but I just hardened my heart and bought more wine at the **Cave** next door. In Oslo I spied a computer store across the way, an Apple in the window, and a sadly frowning screen that seemed to say (in Norwegian) — Don't you love me any more? I turned away and looked, instead, at the muscular statues of naked women and storybook kings that adorn this otherwise so prudish capital.

Bad went to worse. And I blush with shame remembering how, at one point, I took my reams of computer stuff from little brother's gaping mouth and threw them all into a trashcan — figuring that I had all the information on diskette if I ever got back into computering, which, at that time, seemed but a remote possibility.

GOTO 18

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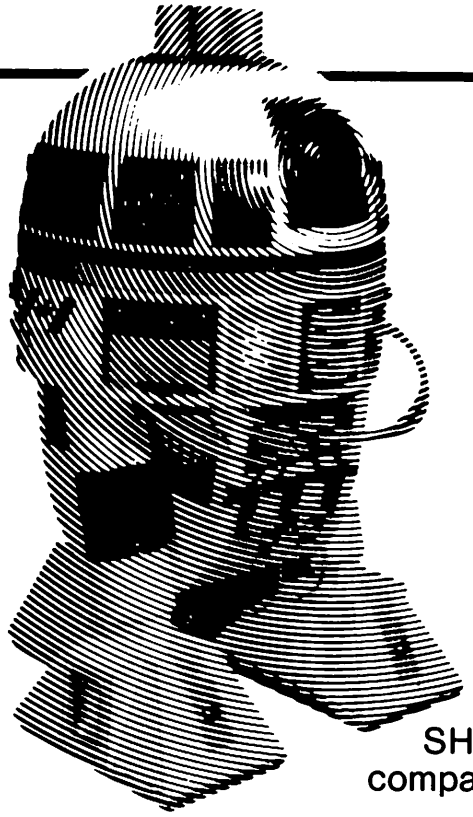


THOUSANDS OF COMPUTERS AND OFFICE MACHINES ARE GATHERING AGAIN IN MINNEAPOLIS

Thinking about buying a business computer, a word or data processor, a video game or a personal or home computer? The TWIN CITIES COMPUTER SHOW & SOFTWARE EXPOSITION is the place to go to compare all the makes and models.

SAVE TIME AND MONEY – The Computer Show offers you, at one convenient location, the opportunity to learn about, try out and compare thousands of different products in a non-intimidating, no obligation, fun-filled atmosphere. If you decide to buy at the Show, you may save hundreds, even thousands of dollars because many of the products on display are for sale at super show prices.

SEE IT ALL – The Show's more than one hundred displays feature all of the hardware and software made for every major computer for business, industry, the professions, government, education, home and personal use. The Show also features the latest equipment for the modern electronic office – typewriters, telecommunications, business machines, furniture and much more.

IF YOU ALREADY OWN A COMPUTER – The Show features thousands of software, hardware, peripherals, accessories for every conceivable application.

ADULTS $6, CHILDREN 6-12 $3.

SHOW HOURS
THURSDAY – SUNDAY
OCTOBER 25 – 28, 1984
10:30 A.M. – 6 P.M.

MINNEAPOLIS CONVENTION CENTER – Lobby A
Third Avenue
Minneapolis, MN

TWIN CITIES COMPUTER SHOW AND SOFTWARE EXPOSITION

FOR MORE INFORMATION ABOUT EXHIBITING OR ATTENDING, CALL OR WRITE: COMPUSHOWS, Inc.
P.O. BOX 3315, ANNAPOLIS, MD 21403, TELEPHONE: 1-800-368-2066

SHOW UP FOR THE SHOW

Daisy Wheeling Concluded from page 16

And so it was in Finland, Norway, Denmark, Belgium, France, and Spain. I noticed, almost in passing (a habit of virtue, you might say, which persisted in midst of my iniquity), that computers, generally, were more prominent the farther north I was and virtually disappeared from view as we moved south. Very few stores, and those hidden in humble quarters; very few ads of any kind; and the people whose savage customs I'd adopted so shamelessly were almost wholly ignorant of the new god and, in the south, not even apologetic about it.

In the end — it was now the last day in France, the last day in Europe — I chanced down a little alley I hadn't walked before. There, before me, a little store. Apple only. I stared. I pulled myself together. I marched in. I bent my head repentantly. I reached out. I touched the oh-so-familiar keyboard again. A cool reception. Apple knew of my defection. The IIe keys clicked frigidly. I knew I'd have some explaining to do — and in French, no less.

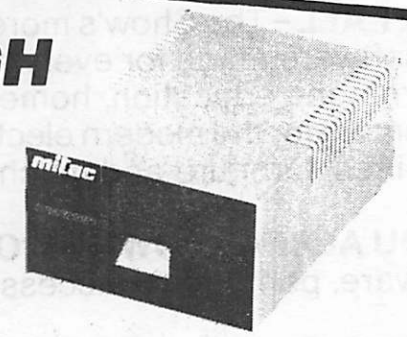
But it all worked out after all, the reconciliation. A pleasant lady came to act as go-between. I mumbled my repentance in broken French and she, understandingly, turned on Apples to make sure that I was heard, booted up software (**logiciel**, in French), and soon the whisping and wasping and beeping and blinking of the beige machines got the message across. I'd been forgiven . . .

How distant Europe seems now after some weeks back. And how deep the mystery seems again at the Apple's core. How could I have been so faithless! Next time I go I'll carry a IIc just to be on the safe side . .

PRICE BREAKTHROUGH

mitac
Disk Drive for Apple

$159
Regularly $269



16K Card **$49.95**

Printer Card with Cable **$49.95**

Z80 Card **$65.95**

Call for pricing for other Apple peripherals.
No shipping charge for local phone orders.

Quannon Computers

12475 Plaza Drive
Eden Prairie, MN 55314

(612) 944-5616

494 & State Hwy 5
Next to Menard's

Mail Bag

by Arsen Darnay

Here is what I've culled from the mass of summer mail — aiming to please widely and to spare you the stuff that you probably get anyway . . .

Probe Your Unconscious Mind with Cope. Trouble making decisions? Terrified of flying? Do you need to lose a score or so of unwanted flab? Can't sleep nights? Your Apple and Cope to the rescue! Cope is software available from Cabononics, P.O. Box 10534, Rochester, NY 14610-0534. The developers, Ronald Levy and Sidney Rosen, both clinical psychiatrists, point out that the disk-based, interactive sessions are cheaper (most at $69.95) than visiting a psychiatrist once. The concept is based on an observation by Levy that patients of his who'd used a computerized therapeutic program fell into a "hypnotic-like" state which, per claim, was helpful in tapping their inner knowledge. To order — or inquire — by telephone, call 1-800-448-3400.

Bank by Modem. Bank of America offers a service called HomeBanking. You need a modem to use the system; once you've logged on, you can carry out routine checking activities, transfer funds from account to account, and pay bills (600 participating stores, utilities, credit card companies, etc.). The service costs you far more than you'll save, of course (my comment), because for $6 per month you can buy a lot of postage. But the appeal, here, is to be first on the leading edge of things — and paying bills by Apple may be a lot less painful (psychologically) than the oldfashioned way on the kitchen table. The number to call — 1-800-652-1111.

Shopping List. For a mere $34.95 you can buy "Grocery List," a program that gives you shopping options and you can prepare shopping lists in which the items will appear in aisle order. I presume (no, I'm dead sure, actually) that the aisle locations have to be entered by you when you first initialize the program — because no software house can know the aisle arrangement of all stores everywhere. (This is one of those programs I've thought of independently but never got around to writing — yes, including the aisle idea). Write to Computerized Management Systems, 1039 Cadiz Dr., Simi, CA 93065.

CPMUG. The CP/M Users Group, 1651 Third Avenue, New York, NY 10028 will send you a complete CPMUG catalog showing the contents of the group's 100 volumes of software, available (among others) for appropriately equipped Apple computers. Cost is $10. Diskette volumes cost $18 each.

Bible Lesson. The apple played a role in man's fall. Now an offer to use the Apple in man's (and woman's) redemption. Computer-based instruction is available (three diskettes, each for $29.95) which provides overviews of the Bible. More instruction packets are in preparation. The company's peculiarly modern name is C-4 Computer Company, P.O. Box 1408, Champaign, IL 61820. Turns out that the name stands for "Christ, Covenant, Community and Change."

A Different Drummer. Quoting the press release: "PVI annonces the introduction of Drum-Key, an electronic music interface board and software package for use with stereos, electric instrument amplifiers, and the user's Apple II series computers." PVI is Peripheral Visions Incorporated, Great Valley Parkway, Malvern, PA 19355 (215/647-3930). Drum-Key uses digital recordings of 28 actual drum and percussion instruments for highly realistic sound effects. Lots of features, including 100 rhythm patterns and 26 songs that come built-in. The price is $139.

Handicapped. A conference on Computer Technology for the Handicapped will be held here September 13-16, 1984. This will be a large, national conference, including an exhibition. The target is the professional. Pre-registration fee is $150; after September 1, $175. Contact Closing The Gap at P.O. Box 68, Henderson, MN 56044 or call 612/248-3294.

Educational Software. Another source is SLIWA Enterprises Incorporated (Apple, IBM, TRS-80). Send for their catalog . . . 2360-J George Washington Highway, Yorktown, VA 23692 (804/898-8386). They specialize in software for high schools.

There was a lot more mail, of course, but I threw most of it away, with a sigh, to be sure, and the errant thought that **printers** are the people who benefit most from the micro-explosion. Never before have so many covered so much paper with ink selling pretty much the same old stuff.

News from Afar Concluded from page 22

Miscellaneous:

CompuServe is offering a new service whereby you can get the latest airline schedule information and you can actually buy airline tickets-on-line.

Apparently some Rana 8086s (see last month's newsletter) have been shipped because Team Electronics have received at least one unit.

Merge

A tutorial
by Tom Alexander

The Merge portion of the RENUMBER program can save the programmer a lot of time and keystrokes. Last month the Renumber portion of the RENUMBER program was examined. This month our focus will be on Merge but Renumber will play a big part in the process of merging one program with another.

Because the line numbers of the file to be inserted in the main program must be sequentially compatible with the line numbers of the main program, some changes to each file will most likely have to be made.

For instructional purposes let us assume that our main program's lines are numbered from 10 to 2000 in increments of 10. After completing the main program named MAIN, the programmer decides that a routine should be inserted between lines 990 and 1510. The programmer wrote the code for the same routine in a program named SAMPLE. This routine is in line numbers 700 to 1200 of that program. It will save time and effort if that portion of the SAMPLE program could be merged with the MAIN program. Well, the Merge and Renumber portions of the RENUMBER program on the DOS 3.3 SYSTEM MASTER disk can do just that.

First, the routine in the SAMPLE program must be extracted from that program and saved to a new program we will call INSERT. Second, the MAIN program must be renumbered to provide the necessary space for INSERT. After it has been renumbered, MAIN is placed in the HOLD buffer. Then INSERT must be renumbered to conform with the space provided by the MAIN program. (Lines 1000 to 1500)

Third, merge the two files.

The procedure:

Step 1

(1) Insert the data disk containing SAMPLE in drive one.
(2) Turn the computer on or reboot the system.
(3) Type: LOAD SAMPLE.
(4) After SAMPLE is in memory, LIST the program to verify the line numbers to be extracted. Assume the lines are 700 to 1200.
(5) Type: DEL 1, 699 - Return
(6) Type: DEL 1201, 2010 - Return
(7) Type: LIST - Return. The LISTing should now be from 700 to 1200.
(8) Type: SAVE INSERT - Return.

That portion of SAMPLE to be merged with MAIN is now a free-standing program. A CATALOG of the disk will verify this. Before INSERT can be renumbered, it is a good idea to check the LISTing of the program to ascertain the total number of lines in it to determine where the MAIN program's second part should be numbered from. Assume this will be line 1510.

Step 2:

(1) Remove the data disk from drive one and insert the DOS 3.3 SYSTEM MASTER disk.
(2) Reboot the system.
(3) When the blinking cursor appears on the monitor, Type: RUN RENUMBER. The first screen will give the correct syntax to use for the program. Press Return. The second screen will appear with 'RENUMBER IS INSTALLED AND READY' at the top. The blinking cursor will appear on the left side.
(4) Remove the SYSTEM MASTER disk from drive one and replace it with the data disk.
(5) Type: LOAD MAIN. After a few moments the MAIN program will be in memory.
(6) Type: & S 1000, E 2010, F 1510, I 10. The ampersand (&) will activate the RENUMBER program. The S means Start at line 1000, E means End the renumbering procedure at line 2010, F means the First new line number is 1510, I means Increment by 10.
(7) Type: LIST. Check to see if MAIN is now numbered from 10 to 990 and then from 1510 to 2510.

The open space between lines 990 and 1510 is now ready to accept INSERT but that program must be renumbered.

(8) Type: & H - Return. After Return is pressed, PROGRAM ON HOLD, USE "& M" TO RECOVER will appear on the monitor. This will tell you that MAIN is in the HOLD buffer readied for merging.
(9) Type: LOAD INSERT - Return. After a few moments INSERT will be in the main memory.
(10) Type: & S 700, E 1200, F 1000, I 10 - Return.
(11) Type: LIST - Return. Check to see if INSERT is now numbered from 1000 to 1500.

Step 3:

(12) Type: & M - Return. This will merge INSERT with MAIN.

GOTO 24

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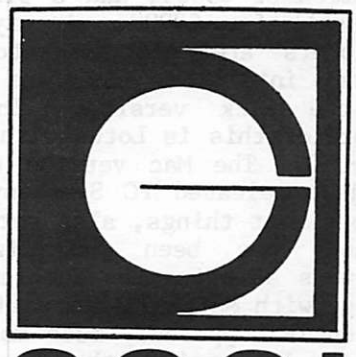

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(612) 835-4271

* *Apple IIe is a trademark of Apple, Inc.*
** *Monthly payments based on 5 year lease period.*

News from Afar

or Current Rumors
by Dan Buchler

Last month, I re-activated a column in this newsletter about rumors emanating from a strange place called Afar. The column is continued this month. I need input of rumors from all of you!

Mac things:

The double-sided drives, when they arrive, will double the already high capacity of the Mac drives from 400K bytes to 800K bytes. Unfortunately, those drives are still some time away, so don't go rushing out to your dealer loking for them. Several other PC manufacturers plan to announce or have just announced use of the same 3-1/2 inch Sony type diskettes, though they will probably only get 270K per side. Apple writes data in rings of 5 different packing densities.

A program, selling for $99, by Dilithium Press, provides software for a Mac and an IBM PC, so that they may talk to each other.

The 512K byte Mac (informally known as Fat Mac) will become available only when Apple can get enough 256Kbit dynamic RAM (DRAM) integrated circuits to ensure they can meet their manufacturing demands. Four US IC maufacturers and three Japanese companies are making the 256K DRAMs. The Japanese have concentrated on an NMOS technology that uses more power than the CMOS technology used by the US manufacturers. The bottom line is when there will be enough. Apple are hoping this will happen by the end of the year.

One rumor suggests that Apple will have two Mac models; a 128k version, like the current version, which will sell for $2000 (a price reduction of $500), and a 512k version which will sell for $3000. Anyway, some software developers are declining to squeeze their programs into 128k. They are electing to wait for the 512k version. The most notable example of this is Lotus with its Mac version of 1-2-3. The Mac version sounds more like the just released PC Symphony, which, though it does most things, also sets you back $700. Symphony has been criticized by several reviewers as being too complex to use. If an analogy with Multiplan is valid, where the Mac version is supposedly much more user friendly than the PC version, then Mac Lotus should be a better product than Symphony! I wonder what the Mac version will cost?

Many articles have appeared in the national press bemoaning the absence of software for the Mac. Well, I seem to see about 2 new announcements each week, which isn't too bad. I am confident, that by the time we get to Christmas, there will be alot of software. Anyway, all you need is a spreadsheet, word processor, database manager, graphics and a communication program - according to Lotus!

//c:

Apple has just released a new "Compatibility Listing Update", dated July, 1984, that contains 4 categories in 93 pages. The categories are:

- Works on //e only.
- Works on //e and //c.
- Works on //c with minor differences.
- New or revised software for the //c.

If you are buying a //c, be aware of this listing, for things may not be what they seem. Apparently the two biggest problems, are:
1) the //c has special characters instead of inverse video of regular characters, and,
2) copy protect schemes that depend on spiral track or half track recording won't work on the //c.

GOTO 19

MICROMAX-Extended 80 Col Card (For the IIe Only)	$119.95
SWEET MICRO-Stereo Mockingbrd	$145.95
TENCAL-Cool+Time Fan & Surge	$ 69.95
ZOOM MODEM-With Netmaster	$122.95
AMERICAN MITAC-Disk Drive	$157.95
SUBLOGIC-Flight Simulator II	$ 35.95
MONOGRAM-Dollars & Sense	$ 71.95
MICROSOFT-Multiplan	$139.95
SENTINEL-SS/SD Diskettes (10)	$ 18.50
ROLLTOP 100-Holds 100 Disks	$ 29.95
DISKETTE 80-Holds 80 Disks (Solid Walnut)	$ 28.95

SOFTWARE PLUS
560/4077

Bulletin Boards

by Steve George

Local bulletin boards (Area Code 612) which you may like to try.....

AEK MBBS.....(Temp.Down)488-0879
Anoka RBBS.....427-7774
A.V.P.D., The.....(*)431-5882
Commodities ABBS.....(New #).934-5057
Commodore's Revenge..(New).(*)421-3938
Computer Place.....(*)869-3246
Conference #17.....854-9691
CR'S BBS.....(7am-12pm).824-2575
<rystal <avern.....(Temp.Down)926-9208
Curse, The.....920-3576
Deep Thot.....938-7535
Der Ubergott's Atlas.....(*)533-8790
Diskcover Software Inc.....(*)929-0551
GamBit Timeshare.....484-3636
Ghost/MECC Mail.....333-5947
Golfsoft's BBS.....941-8519
Hackers Hideout....(Temp.Down)544-1859
Heathkit.....(*)778-1213
Knights Info.Exchange.(T.Down)457-4139
Krackline.....484-5925
KSTP.....333-2541
LAWSIG.....872-2352
Loki's Corner.....571-5965
Matchmaker BBS.....(*)529-3044
MCMS Goliath, Anoka...(T.Down)753-3082
MCMS NC Software,Mpls.....433-5194
Metro-Net.....429-6929
Minn.Epsonet.....(*)472-2218
Motel.....788-8029
Mystery Mountain.....(*)484-3478
On-Target.....546-1013
PH.B.I., The.....699-5657
Pirates Island.....825-5852
PMS - Mpls.....929-6699
PMS - Twin Cities.....929-8966
Port, The.....647-0422
Revelstone.....831-1492
Safehouse.....724-7066
Shire, The.(Temp.Down til 8/2)781-0051
TAIG.....544-9058
TCRC Computer Net.....884-1795
Teddy's Tavern.....(New).435-7329
Thieve's Guild.....(Temp.Down)338-7956
Twilight Zone, The.....>Coming<
Twin Cities Express.....778-0506
TWM'S MTHB#2.....884-7951
United RBBS.....731-1063

(*) = EVENING & LATE NIGHT HOURS ONLY
<Please respect the boards which have >
<restricted hours by only accessing them >
<when they are available for use. Thanks.>

The numbers listed below are pay service main frames!

CIS/COMPU-SERVE.....375-9163
(Demo Acct#77770,101.Passwd/Free-Demo)
TELENET.....588-0910
TYMNET.....333-2799

QUESTIONS?
Get the answers from the experts on
COMPUTER TALK
KSTP-AM 1500•Saturdays 5:05-6:00 PM

Announcements Concluded from page 11

Send to:

C. Thiesfeld
8416 Xerxes Avenue S.
Bloomington, MN 55431

Please allow 60 days for delivery in USA. Incomplete packages will not be returned. DOMs 1 thru 26, except 18, EAMON #3, and 8 Pascal disks are currently available. Mini'app'les Software disks (MSD) are not available! General questions about DOMs should be addressed to Peter Gilles.

Please note that DOMs may also be purchased on club-supplied media by sending $6.00 to the software sales coordinator. See page 4. The first 3 Mini'app'les Software Disks (MSD): #1 - Mini'scrip, #2 - Micro Mailer, and #3 - Higher Print/Higher Word Processor/Message Maker are available by mail from Terry for $17.50. Or, most DOMs, EAMON disks and some other public domain software are available at regular meetings, and at some Branch meetings, for sale to members at $5 each, and the MSDs for $15 each.

Merge Concluded from page 20

(13) Type: LIST - Return. Check to see if MAIN now includes INSERT between lines 1000 and 1500.

(14) Type: SAVE NEWMAIN - Return. This will save the new program named NEWMAIN which includes INSERT merged with MAIN. Of course, you can name the new program anything you want.

(15) Type: CATALOG - Return. The catalog should now show all four programs that were used to merge the two programs - MAIN, SAMPLE, INSERT, and NEWMAIN.

There are a few steps to remember in the Renumber and Merge routines but with each attempt the programs become a little more clear. Like most computer applications it takes practice and more practice.

Minutes

June Board Meeting
by Hugh Kurtzman and Dan Buchler
substituting for the Secretary

Treasurer's report:

Previous cash-on-hand	$7124.84	
Expenses for June/July	1700.00	(approx)
Liabilities	3000.00	(approx)
Checks for deposit	3000.00	(approx)
Balance cash-in-hand	5421.84	(approx)
plus saving certs.	8000.00	(approx)
Club assets	13421.84	(approx)

- Appointment of the Technical Director's staff has not yet been completed.
- Moved and passed that customized business cards be purchased for the club officers.
- It was announced that the Communication SIG was inactive as a result of the resignation of Jay Warrior. A new SIG director is being sought.
- The concept of a "Liaison" person was introduced to take care of liaison between special interest groups that are not part of Mini'app'les. For example, the Genealogy, Medical and CP/M organizations are in fact separate self-supporting computer clubs or groups. Consequently, members attending meetings sponsored by these organizations may be required to pay dues to those groups.
- A budget for the fiscal year Aug 1, 1984, through July 31, 1985, was approved.

GOTO 25

PERSONAL COMPUTER REPAIR

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Minutes Concluded from page 24

Mini'app'les Budget FY1984-1985
Adopted at 7/11/84 Board Meeting

Projected Revenue:

Membership	$24000.00	
Advertising	$10650.00	
DOMs and other public domain software	$9800.00	
	-------->	$44450.00

Budgeted Expenses:

General and Administrative (President)	Postage, mailing, duplication, telephone	$75.00	
	Insurance, liability	$1000.00	
	Membership (i.e. IAC)	$200.00	
		-------->	$1275.00
General Meetings and Shows (Vice Pres.)	Postage, mailing, duplication, telephone	$75.00	
	Meeting sites (12 per year) @$220.00	$2640.00	
	Interpreter support at meetings (6@$30.00)	$180.00	
	Shows and conventions (6/year plus TCCS)	$1181.00	
		-------->	$4076.00
Financial (Treasurer)	Postage, mailing, duplication, telephone	$75.00	
	Bank charges	$100.00	
		-------->	$175.00
Secretary	Postage, mailing, duplication, telephone	$150.00	
		-------->	$150.00
Communications Membership and Publicity (Comm. Dir.)	Newsletter production/distribution	$27000.00	
	Newsletter Editor Expense including DOMs for contributors	$440.00	
	Membership (processing of Memberships)	$1810.00	
	Printer Maintenance	$240.00	
	Advertising Expense	$390.00	
		-------->	$29880.00
Software Production and Sales (Soft. Dir.)	DOMs, production and media	$3720.00	
	Acquisition of public domain software	$400.00	
	Software Director expense including DOMs for contributors	$200.00	
	Sales Tax	$540.00	
	MacDOM production and media	$750.00	
		-------->	$5610.00
Hardware Support and Resource Network (Tech. Dir.)	Postage, mailing, duplication, telephone	$40.00	
	Cables, connectors, misc. hardware	$150.00	
	Maintenance contract on equipment	$250.00	
	Insurance on equipment	$110.00	
	PA system	$200.00	
		-------->	$750.00
Application SIGs (SIG Dir. 2)	Business/Mailing, duplication, misc.	$100.00	
	Education/Public domain soft., meeting exp	$240.00	
	Handicapped/Mailing, duplication	$25.00	
	Investment/Mailing, duplication, equip ren	$180.00	
	Medical/Mailing, duplication	$25.00	
		-------->	$570.00
Technical SIGs (SIG Dir. 1)	Macintosh/Mailing, duplication, misc.	$100.00	
	Apple ///	$25.00	
	Pascal	$25.00	
		-------->	$150.00
Branches (Branch Dir.)	General/Mailing, duplication, telephone	$20.00	
	All/DOM set, flyers, applications package	$525.00	
	St. Cloud/PO Box, mailing, telephone	$65.00	
	Minnetonka/Mailing, duplication, flip char	$55.00	
		-------->	$665.00
TOTAL			$43301.00

Classified

These ads are provided free to members for non-commercial use, and are limited to 10 lines. Commercial ads will be charged at 20 cents/word for members or 40 cents/word for non-members. Contact the Advertising coordinator. DEADLINE for ads is the second Friday of the month preceding the month of publication. Ads will be repeated on request only. Also, please notify editor if item is sold. Unless otherwise noted, all items are **For Sale.**

Want QUALITY? SSDD 3M Scotch Diskettes; $21.00 Box 10, tax incl., shipping extra.
Bob Pfaff 452-2541

Apple Logo, won in a contest, never used. $60 or best offer.
Cheryl 451-1406

Hayes Micro Modem II, like new. $150 or best offer. Used DEC Writer IV. Best offer.
Tim 938-6166 (days)

Epson MX100 printer, used daily, purchased new. $395.
Mary 448-4711

64k Apple][+, $350. 128k Ramcard, $200. Videx Enhancer, $50. Numeric Keypad, $50. Flip & File, $15. Pilot Manuals, $20. 5 Pascal Books, $20. Pascal Aids, $100. System Saver, $25.
Scott Olson 623-9735

DB Master Rel 4.0 + Utility Pack 1; $275. Bit 3 80 Col BD, VisiCalc Pre Boot, Visicalc, Executive Secretary (rel 5) & Spelling Checker (Newest Rev) - ALL for $400. Grappler II+ with 32K Buffer, in box; $170. Graforth Program: 3D images, rotation, color, music, custom fonts & char sets; $35. Or make offers.
Bill 937-1943

MOUNTAIN HARDWARE Clock-Parallel-Serial Card $135.00
Super Talker $125.00
Pete Gilles 475-3916

MODEM - 110/300 BAUD Auto Answer with Disconnect Self-contained, interfaces with most communications packages $120
Mark 890-4025

ZENITH MONOCHROME Monitor $50.00 Screenwriter II (2 disks) $60.00 TG Joystick $10.00
Before 4 pm 788-4370

BRAND-NEW, UNUSED COPY of Advanced Visicalc for the Apple IIE $185 or make offer.
Documentation includes war- ranty card. Also unused Quickfile IIE for $85.
Mark 823-2585 (evenings and weekends)

ORDERING DOMs or MSDs

A reminder that Disks Of the Months (DOMs) and Mini'app'les Software Disks (MSDs) are available by mail: DOMs at $6.00 each; MSDs at $17.50 each. Send your order to:

MINI'APP'LES DOM's
PO Box 796
Hopkins
MN., 55343
Attention DOM Sales

Most DOM's and all the MSDs are available at club meetings Because of the volume of disks distributed, they are not tested. Club members are asked to make every effort to get the DOM or MSD running. For example, occasionally the DOS on the disk will be bad, but it will catalog OK and one can run the programs. Master Create on your System master disk will fix-up the DOS. Of course, if you have a disk with bad programs, we will cheerfully replace it!

A service to copy DOMs (not MSDs) to your own media is also available. See announcements section.

Meeting Place

Edina Community Center
5701 Normandale Road
Edina

Use entrance '1' on West side of building near the flag pole.

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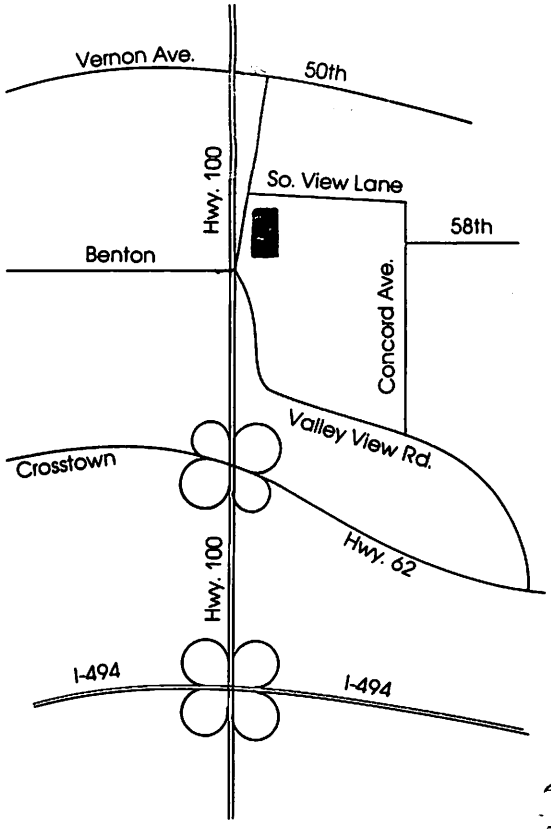
in Edina, MN



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Demolition Division by Developmental Learning-a fun way to divide and conquer	26.52
BankStreet Writer by Broderbund-an excellent and popular word processor used by many of the schools	49.56
Spellicopter by Designware-an educational way to use the computer and learn those difficult ones	31.16
Advanced Blackjack by Muse-one of the most popular programs for learning the fine art of winning	38.96
Dollar$ & $ense by Monogram-quickly becoming the most popular of the home accounting; graphs too !	68.45
Hands on Basic Programming by Edu-Ware-a tutorial to let the computer teach you to teach it	61.62
Dragon Mix by Developmental Learning-ages 8 yrs and up protect the city by multiplying and dividing	26.52
Charles Coren: Learning Bridge by CBS-the computer and the master show you how	62.36

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KOALA PAD WITH MICROILLUSTRATOR ask about Koala software	78.45	#2 SS/DD	22.00
GEMINI 10X PRINTER - 120 cps a real best buy-for IIc too!	299.00	call for quantity/other formats	
64K 80 COLUMN FOR APPLE IIe from Micro-Sci/a-known leader	119.50	MAXELL DISKETTES 10/BOX SS/DD	28.50
SERIAL INTERFACE FOR GEMINI-10X needed for the IIc	71.95	MACH II JOYSTICK FOR II+ by Hayes/add $2 for IIe	31.96
		CALL FOR INFORMATION ON COMPUTER FURNITURE WITH BUILT-IN LOCKABLE DISKETTE STORAGE !!	

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