mini´app´les

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Apple Computer user group newsletter

Volume XI No.6 June 1988

Calendar of Meetings and Events

WHO	WHEN	WHERE	WHAT
Mac Desktop Publishing S.I.G. (New Group)		Call for Meeting Location and Time	Charles Bjorgen, 633-8850
Mac Users	Thur. June 2 (6:30) 7:00 pm	Hennepin County Library, Southdale Branch, 70th and Xerxes, Edina, MN	Roger Dodger Coda Music Software ("finale"), Notes 3 & 7
MicroSoft Works SIG	Mon. June 6	Edina Library—50th and Hwy 100	Ed Spitler (432-0103)
Languages/Technical S.I.G. (New Meeting Location)	Wed. June 8 7:30 pm	Hopkins Public Library 22 11th Avenue N., Hopkins, MN	Note 9
The Smalltalk Group	Wed. June 8 7:00 pm	250 S. Milton St. St. Paul, MN	Programming in Smalltalk Note 4
Board Meeting	Thur. June 9 7:00 pm	Brookdale Hennepin Area Libray 6125 Shingle Creek Pkwy., Brooklyn Ctr.	Members welcome, Note 1.
Mac/Apple Swap Meet	Sat. June 11 10am-2pm	St. Louis Park Sr. High Schl Cafeteria 33rd & Dakota, St. Louis Park, MN	Chance to buy and sell, Note 1
Mac Computer Art & Design Group	Mon. June 13 6:45 pm	Mpls. College of Art and Design 133 East 25th Street, Room 325	Joy Kopp, 440-5436
Apple II Users	Wed. June 15 7:30 pm	St. Louis Park Sr. High School 33rd & Dakota, St. Louis Park, MN	Note 1
Fourth Dimension™ Group	Mon. June 20 7:00pm	Hennepin County Library, Southdale Branch, 70th & Xerxes, Edina, MN	Ian Abel, 824-8602 Small Meeting Room, 2nd Floor
HyperCard™ Group	Mon. June 20 7:00 pm	Summer Recess—No Meeting	Note 7
MacCAD/E User Group	Tues. June 21 7:00 pm.	Heath/Zenith Computers Shady Oak Road, Hopkins, MN	Note 5
Beginning Macintosh™ Programmer	Tues. June 21 7:00 pm.	Hennepin County Library, Southdale Branch, 70th & Xerxes, Edina, MN	Tom Vind, 473-0455 Small Conf. Room, 2nd Floor
Mn Genealogy Society (MGS)	Tues. June 21	MGS, 945 Ford Rd, St Paul near 7th Ave	Demo HyperCard Genealogy Stacks Jules Goldstein 690-4447
Apple IIGS S.I.G.	Wed. June 22 7:30 pm	1st Minnesota Bank 31-9th Ave. S., Hopkins, MN	Note 8
AppleWorks© S.I.G.	Thur. June 23 7:00 pm	St. Louis Park Sr. High Sch, Rm 154 33rd & Dakota, St. Louis Park, MN	TimeOut DeskTools Note 1
Mac Novice User Group	Mon. June 27 7:00 pm	Highland Branch Library 1974 Ford Parkway, St. Paul, MN	Note 10
Northwest Branch	Tues. June 28 7:00 pm.	Rockford Road Library 6401 42nd Av. N., Crystal, MN	Note 6
Mac Desktop Publishing S.I.G. (New Group)		Call for Meeting Location and Time	Charles Bjorgen, 633-8850
Mac Users	Thur. July 7	Hennepin County Lib, Southdale Br.	ResEdit & Viruses, Notes 3 & 7
Mac Computer Art & Design	Mon. July 11	Mpls College of Art and Design	Joy Kopp 440-5436
Languages/Technical S.I.G.	Wed. July 13	Hopkins Public Library, Hopkins	Note 9
The Smalltalk Group	Wed. July 13	250 S. Milton, St. Paul	Note 4
Board Meeting	Thur. July 14	Brookdale Hennepin Area Libray	Members welcome, Note 1
HyperCard™ Group	Mon. July 18	Summer Recess—No Meeting	Note 7
Fourth Dimension™ Group	Mon. July 18	Hennepin County Library, Southdale	Ian Abel, 824-8602
MacCAD/E User Group	Tues. July 19	Heath/Zenith Computers, Hopkins	Note 5
Beg. Macintosh™ Programmer	Tues. July 19	Hennepin County Library, Southdale Br.	Tom Vind, 473-0455
Apple II Users	Wed. July 20	Open	Note 1
Mac Novice User Group	Mon. July 25	St. Paul Highland Branch Library	Note 10
Northwest Branch	Tues. July 26	Rockford Road Library, Crystal	Note 6
Apple IIGS S.I.G.	Wed. July 27	1st Minnesota Bank, Hopkins	Note 8
AppleWorks© S.I.G.	Thur. July 28	St Louis Pk Senior High School	AppleWorks Templates, Note 1

Notes:

1. Dick Marchiafava	572-9305	5. Bill Langer	937-9240	9. Chase Allen	435-2645
2.		6. Jere Kauffman	535-6745	10. Tom Lufkin	698-6523
3. David Stovall	474-8015	7. Mike Carlson	866-3441	11.	
4. Martin McClure	227-9348	8. Dick Peterson	473-5846	12.	

Coordinators - Please Call John Hansen (890–3769) by the 1st Friday in order to have your meeting listed correctly!

mini'app'les

The Minnesota Apple Computer Users' Group, Inc.
P.O. Box 796, Hopkins, MN 55343

Board Members:

Officers		
President	*Dick Marchiafava* 7099 N. E. Hickory Drive Fridley, MN 55432	572-9305
Past-President	*Ann Bell* 8325 39th Avenue N., New Hope, MN 55427	544-4505
Vice-President	*William Langer* 14160 Green View Court Eden Prairie, MN 55344	937-9240
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Software	Tom Gates	789-1713
Technical	John Hook	435-6281
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SIG: Apples	Tom Ostertag	488-9979

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Membership Form Distr.	Bill McAndrews	645-6713
Membership	Ann Charity	935-4845
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Northwest Branch	Jere Kauffman	535-6745
Apple IIGS	Dick Peterson	473-5846
AppleWorks	Dick Marchiafava	572-9305
Beginner's Basic	Tom Alexander	698-8633
Languages/Tech	Chase Allen	435-2645
Tech. Adviser (hdwre)	Roger Flint	771-2868
Mac Users	David Stovall Mike Carlson	474-8015 866-3441
Excel	M. Nightingale	545-9380
Beginning Prog.	Tom Vind	473-0455
HyperCard	Mike Carlson	866-3441
CAD & Engineering	Bill Langer	937-9240
4th Dimension Prog	Ian Able	824-8602
Novice	Tom Lufkin	698-6523
Smalltalk	Martin McClure	227-9348
DeskTop Publishing	Charles Bjorgen	633-8850

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Eamon	Dave Nordvall	724-9174
IAC	Richard Peterson	
MaceDOM Editor/Prod	Joe Carroll	938-4028
CP/M	*Open*	

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- Genealogy	Jules Goldstein	690-4447
- Medical	Stewart Haight	644-1838
- CP/M	Jim Rosenow	(414) 261-2536

Circulation this issue: *1350*

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Questions – Please direct questions to an appropriate board member. Technical questions should be directed to the Technical Director.

Membership – Send applications for membership directly to the Membership Coordinator: Ann Charity 935-4845, PO Box 796, Hopkins, MN, 55343

Current membership dues are $20 for the first year and $15 thereafter. All members receive a subscription to the newsletter and all club benefits. New members receive a special package of member lists and software catalogs.

eDOMs		@ Meetings	Mail Order
Members:	eDOMs	$3.00	$4.00
	MaceDOMs	$5.00	$6.00
Non-Members:	eDOMs	$7.50	$8.50
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Send orders to Mini'app'les at PO Box 796, Hopkins, MN 55343, attention **eDOM Sales or MaceDOM Sales.**

Dealers – Mini'app'les does not endorse specific dealers. The club promotes distribution of information which may help members identify best buys and service. The club itself does not participate in bulk purchases of media, software, hardware and publications. Members may organize such activities on behalf of other members.

Newsletter Contributions – Please send contributions on Mac 3 1/2" disks, or via telecommunications, directly to the Newsletter Editor. Contributions on 5 1/4" disks should be sent to the club PO Box, and marked: "Newsletter Submission".

Deadline for publication is the **1st day** 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.

Meeting Dates – Please phone calendar announcements to John Hansen 890-3769.

Mini'app'les Mini'Info Exch BBS – Club members may utilize the club's BBS: Telephone No. 831-6235

Advertising – Direct all advertising inquiries to the club's Advertising Coordinator: Eric Holterman 612-822-8528, 3608 Blaisdell Ave. S., Minneapolis, MN 55409

E-mail
GEnie:EFHolterman
TCCN: Box 431

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The Fine Print
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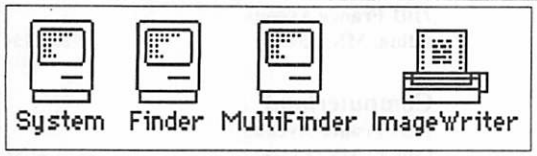


Coming soon at your local Mini'app'les eDOM sales table:

✔ **System Updates for Macintosh**
✔ **ProDOS and DOS 3.3 systems for Apple II/IIGS**

Swap Meet

June 11 10:00—2:00
St Louis Park High School
33rd and Dakota Ave. So.

MacUser
June 2
Roger Dodger
Coda Music
"finale"

Mini'app'les BBS — 831-6235 (New Software)

July Mini'app'les Newsletter goes to press June 10.
Please observe minimum one week leadtime.

Membership Application and Renewal Form 06/88

Name: _____.

Address: _____.

City: _____.

State: _____.

ZIP: _____.

Home Phone: (_____) ___ - _____

Work Phone: (_____) ___ - _____

New Member ( ) or Renewal ( )

Spouse's name: _____.

Childrens names: _____.
(if interested in computers) _____.

Sponsored by: _____.

I own or use a:

Mac+ ( ) SE ( ) MacII ( )
Apple //or //+or //e ( ) //GS( ) //c( )
Other ( )

Special Interests - Check all that apply.

Programming	( )	Spreadsheets	( )
Business	( )	DT Publishing	( )
Education	( )	Novice	( )

Send to: Membership Coord
Ann Charity
PO Box 796
Hopkins, MN 55343

Club Dues: $15/yr + $5 application fee.

Mini'app'les 1988 Membership Drive

The Club is looking for: New members
Cooperative Dealers and Schools
Renewals and Referrals

With your help and enthusiasm, we are embarking on a concentrated effort to build and strengthen member resources within Mini'app'les to GROW IN 1988!

Add YOUR helping hand!

Sponsoring Members:

(Your name will be listed here, each time that you are listed as the sponsor of a new member. Here's the latest honored folks... Congrats!)

Mike Carlson
Tom Lufkin
Virginia McDermott
Ann Bell
Ed Spitler
Tim Hromi
Vince McGowan
David Stovall
J.E. Wheeler

Membership Benefit:

Buy or Sell at the SWAP MEET

June 11, from 10 am to 2 pm

at the
St. Louis Park
High School Cafeteria

Cooperating Schools:

Brooklyn Park VoTech
900 Brooklyn Boulevard
Brooklyn Park, MN 55445

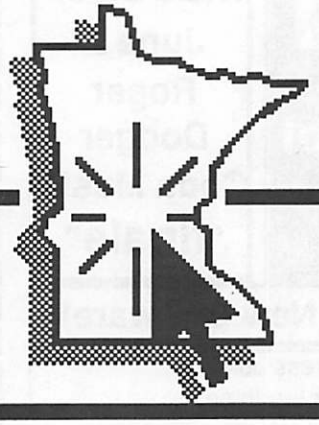
Eden Prairie VoTech
9200 Flying Cloud Rd.
Eden Prairie, MN 55344

Anoka Technical Institute
1355 West Main
Anoka, MN 55303

Dakota County Technical Institute
145th Street East
Rosemont, MN 55068

Bloomington Comm. Ed. Service
8900 Portland Ave.
Bloomington, MN 55420

Kennedy High School
9201 Nicollet Ave. So.
Bloomington, MN 55420



A Challenging Goal:
To have 1,988 members byDec. 31, 1988

Cooperating Businesses:

Hagen Office Equipment
801 West 77-1/2 Street
Richfield, MN 55423 866-3441

First Tech
2640 Hennepin Ave. South
Minneapolis, MN 55408 377-9300

Computerland-Hopkins
11319 Highway 7
Hopkins, MN 55343 933-8822

Heath-Zenith - Hopkins
101 Shady Oak Road
Hopkins, MN 55343 938-6371

Computer Pavilion
Pavilion Place - 1655 W City
Roseville, MN 55113 631-2766

Computerland
2471 Fairview Avenue North
Roseville, MN 55113 636-2366

IND Corp
1620 County Road C
Roseville, MN 55113

Hutch Computer Industries (H.C.I.)
8017 Glen Lane
Eden Prairie, MN 55344 944-1356

Businessland
7400 France Avenue
Edina, MN 55435 893-1343

Computer Applications
7101 France Avenue
Edina, MN 55435 920-1154

Computerland
7025 France Avenue
Edina, MN 55435 920-6100

Moore Business Forms
3650 Hazelton Road
Edina, MN 55435 929-4334

Twin Cities Computer Network
75 South 5th Street — Suite M-100
Minneapolis, MN 55402 (modem) 349-6200

The GIZMODE Data Bank
3519 West 50th St.
Mpls, MN 55410 (modem) 929-6879

Announcements

The President's Notes
by Dick Marchiafava

A message posted to us on AppleLink was referred to me by *Dan Buchler*. *Teresa Kerstin*, of **Apple Computer** wanted to meet with a representative of Mini'app'les to get input on how Apple Computer can help a certain segment of the users become more proficient with their computers. I agreed to meet with her on April 8th.

The first item was to define the user segment of the market she is concerned about. This segment does not include educational institutions, corporate or business users, nor those who use their computers for recreation or entertainment. The market segment as defined is the end user who is interested in enhancing productivity and education on an individual level.

I described to Teresa what we do. The many meetings that we have are the primary way we help the end user become computer literate and capable.

I suggested that we could probably increase support for the defined user segment by developing community based computing groups to bring the club activities and support closer to the users. We made many notes during our discussion.

Teresa inquired if Mini'app'les could take advantage of materials that could be provided by Apple Computer in support of some kind of outreach program, such as Education Month. This kind of help from Apple could be useful to us.

I reminded her that user groups are volunteer organizations and it would be best if user groups be given plenty of time to organize participation in such programs.

I expect to hear more from her in the future.

Swap Meet

Apple Computer Club Sell or Swap Meeting, The Public Is Invited.

The semi-annual Swap Meet will be on Saturday, June 11th, from 10am to 2pm at St. Louis Park Senior High School. The meet will be in the cafeteria.

Members are entitled to bring their used or unneeded computer products to sell. Only *members* may sell at the meet. This is a membership benefit. If you've been hanging on the edge, just waiting for the right moment to join, here it is! You can sign up before, or at, the Swap Meet and SELL, SELL, SELL!

We must respect the copyright laws regarding software. Please, only original software and documentation may be sold. Anyone found to be offering copied software for sale will be expelled from the Meet.

Memberships & public domain software will be available.

AppleWorks SIG Meeting Schedule & Announcements

April's meeting featured a fine presentation of the Beagle Bros **TimeOut Graph** program, demo'ed by *Tom Ostertag*. Tom does more statistical analysis and graphing than anyone I know. His presentation gave us a good look at Graph. It is apparent there is considerable capability and many features in Graph.

Summer Schedule: Summer meetings are at St. Louis Park Sr. High located at 33rd and Dakota Avenue. Follow Wooddale Avenue north from US #7 or Dakota Avenue south from Minnetonka Boulevard. The meeting will be in Room 154 at 7 PM.

June 23rd: TimeOut DeskTools

We will look at the many desktop accessories available for AppleWorks in the Beagle Bros **DeskTools** package.

July 28th: AW Templates from TAWUG and Mini'app'les EDOMS applicable to AW

August 25th: TimeOut SuperFonts

Fall Schedule: No meeting site has been scheduled yet. Watch Announcements and Calendar for details.

September 22nd: ProDOS & The AppleWorks User

October 27th: AW Word Processing

November 17th: Trouble Shooting in AppleWorks

December 22nd: AW Data Base

Any corrections to the published meeting calendar will be posted on the Mini'app'les Bulletin Board.

Meetings are held monthly on the 4th Thursday **unless there is a conflict with a major holiday.** In the event of a conflicting holiday, the meeting will be the 3rd Thursday of the month. Call 572-9305 if you need information about these meetings. Dick

Go To 9

A SPECIAL INVITATION TO MINI' APP'LES

TCCN

Twin Cities Computer Network

Dial into the area's largest FREE computer network! Includes:

- Electronic Mail
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Comm Parameters:	7 Data Bits 1 Stop Bit Even Parity 300, 1200, and 2400 bps
Voice Phone:	332-2101

The AppleWorks Advisor

A Column For Users Of AppleWorks

by Dick Marchiafava

Among the varied uses of my computer, I do not use graphing. This is an activity that I just do not use, not even for personal use. When Beagle Bros released **TimeOut Graph** for AppleWorks, I knew I needed someone else to demonstrate Graph for the AppleWorks SIG.

I cannot think of a better person to do this than Tom Ostertag. Tom does more statistical analysis and graphing than anyone I know. His presentation gave the members a good look at Graph, a program of considerable capability and many features.

I prevailed on Tom for a write-up of Graph, just before he left for a trip. His write-up is next in this column. After that, I will return for some additional comments. Thanks Tom!

TimeOut Graph

by Tom Ostertag

TimeOut Graph from Beagle Bros is an add on program for AppleWorks 2.0. Initially, APLWORKS.SYSTEM, the startup file, is modified to recognize the TimeOut applications, to run them and place them on the TimeOut Window Menu. After installation, boot AppleWorks and watch the applications load onto the desktop. TimeOut series can be used with two disk drives, but all the applications work much faster from a RAM Disk.

There are three files necessary to operate Graph: TO.UTILITIES, TO.GRAPH and TO.CLIPBOARD.

TO.UTILITIES is the configuration control file for all the TimeOut applications. Also, an applications disk labeled /TO.FILES has to be in a disk drive if the files are not on a RAM Disk. Choose Utilities first to configure Graph. Access is through ↺-ESC.

The TimeOut menu appears in a v ndow where you choose applications. To use it with a RAM Disk, configure Graph on the disk it will load from first, or you will have to configure it each time. ESCape from the configuration utilities and you are back in AppleWorks. Choose the spreadsheet you want to use and put it on the desktop.

Using TO.GRAPH

Now, to use Graph. Access is through ↺-ESC. Choose Graph unless you changed the name of the file. When you get to the Graph program you will see a Command Line on the bottom of the screen under the credits.

```
Graph? Type  Data  View  Options
File  Reset  Print
```

When you pick Type (first), you get another Command Line.

```
Type?  Bar  Line  Pie  XY
Stacked-Bar  Area  Hi-lo
```

After you select the graph type, TimeOut will return to the Graph? Command Line.

Moving back to the main Command Line is easy, just hit ESC. Now you have to tell the program what you want to graph. Choose `Data` from the Command Line.

```
Data?  X  A  B  C  D  E  F
```

Graph helps you point out the data ranges that you want to include in your graph. X is usually used for the X axis description. If you choose XY, then X is actual data. You are limited to six (A-F) variables in a graph.

To see what the data looks like, choose `View` from the Command Line. If Graph is disk based, /TO.FILES must be in the drive. To go back to the Command Line, hit ESC.

Now for the frills - Legends, Titles, Grid lines, Data points, Manual or Automatic scaling, Formatting numbers, etc. Each of the choices has several levels of command lines below it. The whole program is very intuitive for people who love to poke without reading the instructions.

You can save the graphs that you create by saving either the Graph Settings (1K) or the actual graphic (17K) for later manipulation. Graph offers a logical name for either the Graph Settings or the Picture and appends .GF to the end of the name. It also offers the same name when you choose Load. I suggest that you "List All Files" and ↺-H to get a hard copy of the files on the disk because they are not listed when you want to load files that have other than the default name and AppleWorks is loathe to list other file types in its catalog.

Printing!

This is what the program is all about. When you choose `Print`, the screen clears and lists your printer and interface card (you did remember to configure your program, didn't you?) and a Command Line.

```
Print Size?  1  2  3
```

1 produces a graph about 5.5" by 7.5" basically centered left and right on the page. 3 produces a graph the same size as #2, but it is rotated 90 degrees and the bottom is flush on the left edge of the paper.

The program is really flexible about what you can do with it. I use several types of graphs, mainly XY and line to present Statistical Process Control charts and linear regression (Tough to get AppleWorks to do it!). It seems to be bug free - I haven't had it hang up and I've tried all kinds of stuff without reading the instructions.

Reviews of "**Graphic Edge**" by Pinpoint say that it is more powerful than TimeOut Graph, but (!) you have to format the spreadsheet the way THEY want you to. Sorry if you already have existing spreadsheets.

I did get Graph to produce Statistical Process Control charts with a little finagling. In fact, the charts were posted at work. My original intention was to include the control charts in reports printed with SuperFonts without playing with scissors, paste and the copy machine. When I called Beagle Bros Tech support, they said they were aware of the problem and were working on something to reduce the size of the graphics, so they could be included in SuperFont reports.

Other AppleWorks News

It was reported in the May 1988 issue of Open-Apple newsletter that Rupert Lissner is working on AppleWorks improvements for Claris.

Maximum Files In Sub-directory

Also from the Open-Apple newsletter, a letter from John D. Smyth of Blackburn, Victoria, discussing the maximum numbers of files that AppleWorks can work with in a sub-directory.

AppleWorks vers. 1.3 and under seem able to handle 115 files in a sub-directory. AppleWorks 2.0 will not handle that many files.

How Many Files?

When dealing with files located in a Volume name (main directory), AppleWorks follows

the ProDOS standard. The maximum number of files and/or sub-directories in a Volume name is 51.

In dealing with files in a sub-directory, it appears that AppleWorks version 2.0 has a limit of 64 files. As Mr. Smyth wrote "the correct number is 64, but AppleWorks itself doesn't seem to know that." It seems that the word processor and data base modules of AppleWorks 2.0 have a limit of 64 files in a sub-directory, but the spreadsheet module will, for obscure reasons (to me), handle up to 85 files instead of the 64 it is supposed to.

In my own operations, I encountered the limit of 85 files for spreadsheets shortly after switching to AppleWorks 2.0. Spreadsheets are the most numerous files that I create and want to store. I had not run into the file limits with the other modules until recently. A sub-directory with word processor files gave me the "Cannot load file..." error message when I was trying to access it.

A quick check with Copy II+ showed a file count of about 64. I was puzzled regarding why this occurred at that point, as I expected to be able to go to 85 files. I used the occasion to do some file maintenance with Copy II+ and deleted or moved some files, thereby solving the problem for the moment. I put the puzzle aside with a mental note to pursue the matter later. So, the correct numbers for file limits with AppleWorks 2.0 are 51, 64 or 85.

Mr. Smyth's letter to Open-Apple includes a patch which will increase the maximum number of files permitted in a sub-directory to 116. This is a useful change for users who are likely to generate many files that could be best stored in a single sub-directory. I will test this patch and report on how well it works in a future column.

Naming Data Disks And Files

The AppleWorks Startup and Program disk(s) are named APPLEWORKS. If you are running the program from a floppy disk drive (not a large memory board, RAM Drive or hard drive), the program accesses to disk for program overlays as you proceed through the various operations.

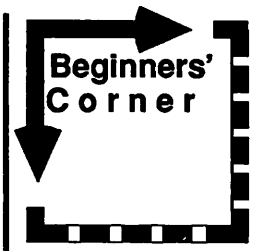
If you mount a data disk which has been named APPLEWORKS, the program may go into a loop, unable to find the overlay it needs because it thinks the data disk named APPLEWORKS is the program disk. NEVER, NEVER name data disks "APPLEWORKS"!

During the normal AppleWorks indirect method file save, a file pre-existing on disk is renamed temporarily, while the updated file is written elsewhere on the disk, if the same name as the original file is used. When the save is successfully completed, the file with the temporary name is deleted.

The temporary file name used for the file on disk during a save of an updated file is a combination of the of the original file and "APPLEWORKS.TEMP". The first part of the temporary name contains part of the original file name and the latter part of the name is part of the name APPLEWORKS.TEMP.

Do not use file names which result in something which can resemble a temporary name. If you do this, you could find your file has been deleted by AppleWorks. A file deleted by AppleWorks during a save, can be restored with a utility such as Copy II+, if it has not been overwritten. This is no help, if you do not know that your unfortunately named file was deleted.

AppleWorks questions and tips from anyone are welcome. Send to: 7099 Hickory Drive N.E., Fridley, MN 55432. Include your address and phone number. Or call 612-572-9305, no collect calls. Dick



By Tom Alexander

INIT HELLO

Your Owner's Manual will tell you to prepare new DOS 3.3 disks by INITIALIZING or FORMATTING them. The two words mean the same thing. They are used interchangeably. Initializing a disk means putting the Disk Operating System (DOS) on the disk so it will be recognized when the disk is BOOTED (started up) in the disk drive. When the disk is booted, certain programs now on this disk will be read into the computer's memory and be used by the computer.

To initialize a DOS 3.3 disk you will have to put the SYSTEM MASTER DISK in drive one and turn on the machine. After the disk drive stops whirring around and the red light goes off, remove the System Master Disk and put in a blank disk you want to format. You can then type in a small Applesoft BASIC program and type INIT HELLO and press RETURN. The disk will whir around for a few seconds then stop. Presto! Your disk is formatted. INIT is the DOS command for initialization. HELLO is the name of the program to install DOS in the computer's memory.

Note - The DOS 3.3 System Master Disk is not distributed with many of the Apple II's sold today. If you did not get this disk with your computer, go back to your dealer and ask for a COPY of the System Master Disk. Bring your own blank 5.25 disk.

You can type in this short but snazzy code for your HELLO program:

```
NEW
10 HOME
20 PRINT TAB(12);"THIS DISK HAS BEEN
INITIALIZED"
30 VTAB 15
40 PRINT TAB(10);"PRESS <RETURN> TO
SEE CATALOG ==>>"
50 GET V$
60 HOME
70 D$ = CHR$(13) + CHR$(4)
80 INVERSE
90 PRINT"***  CATALOG OF FILES ON
THIS DISK  ***"
100 NORMAL
110 PRINT D$;"CATALOG"
INIT HELLO
```

You can type in any program you feel like for your HELLO program. You can name it any name you want, but everybody names the HELLO program, HELLO. It's sort of a convention and everyone knows what you're talking about when you refer to it. If you name your program HELLO, DOS will look for that program and RUN it when the disk is booted.

The above was concerned with initializing a DOS 3.3 disk. Initializing a ProDOS disk involves a little more. For this discussion I will use the ProDOS USERS DISK for the example and assume two disk drives. First, boot the ProDOS Users Disk in drive one. Put a blank disk in drive two. From the main menu select F - ProDOS Filer Utilities. From the System Utilities Menu select V - Volume Commands. From the Volume Commands menu select F - Format A Volume. From the next screen press RETURN to accept 6 as the Slot number then type 2 over the 1 to select drive two. Type in a new Volume Name OVER the name shown on the screen. Press RETURN after you've typed the last character. I've found that a short name like DATA works best. The disk drive whirs for a few seconds then stops. You've INITIALIZED a ProDOS DATA disk.

The message *** UNABLE TO LOAD PRODOS *** will appear on the screen if you try to boot this disk. Nothing is wrong. The disk you initialized is a DATA disk only. What you need now is a STARTUP DISK. To

GOTO 8

Beginner's Corner, concluded

create a Startup Disk boot the ProDOS Users Disk again and put the ProDOS initialized disk you just made into drive two. You must COPY two files from the ProDOS Users Disk and save a BASIC Startup Program to your initialized disk to make it a STARTUP DISK.

Boot the ProDOS Users Disk and select F - ProDOS Filer Utilities from the main menu. From the System Utilities screen select F - File Commands. From the File Commands screen select C - Copy files. On the next screen, type in the Volume Name of the Users Disk (shown as PREFIX at the top of the screen... normally this is /USERS.DISK). Be sure to type the backslash (/) first. Then type /PRODOS and hit Return. On the next prompt, To Pathname, type the full Pathname for your new file: /DATA/PRODOS. Press Return again.

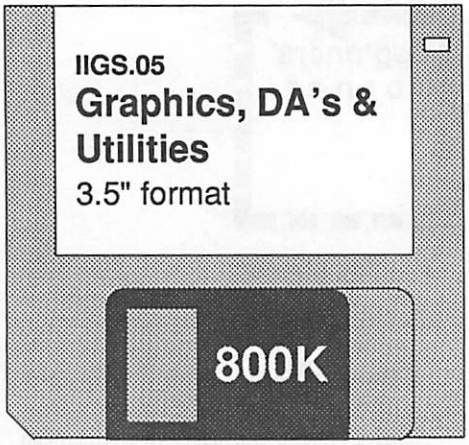
To transfer the second necessary file, type /BASIC.SYSTEM after /USERS.DISK and over PRODOS. Do the same for the To Pathname prompt. You're done copying files. Press ESC a couple of times to get back to the Main Menu. Select Q to Quit. Now, save a BASIC Startup program to finish the job.

If you want to be clever and above the pedestrian you can write an utterly fantastic STARTUP program similar to the one above for your new ProDOS Startup Disk. Change line 70 to read: 70 D$ = CHR$(4). Line 110 should be changed to read: 110 PRINT D$;"CAT". Make sure you SAVE the new program with the name STARTUP. (Do not type INIT HELLO as you did for a DOS 3.3 disk.) ProDOS looks for a file named STARTUP then runs it. You must retain three programs on the Startup Disk: PRODOS, BASIC.SYSTEM and STARTUP. You should also LOCK the above named files so they can't be overwritten.

Whew! That took a lot of doing. I keep a copy of my original Startup Disk and copy that whenever I want a new Startup Disk. If I need a new ProDOS Data Disk, I just use the Utility on AppleWorks or another program like COPY II PLUS to make it.

I mentioned using a blank disk earlier. The disk doesn't have to be blank. Why I said that is because initializing a disk will erase everything that is now on the disk. Make sure you don't have important programs on the disk before you initialize it. It's a good idea to boot the disk and CATALOG (CAT) it to see what's on the disk before you initilize it. If it's a data disk, you can use a utility like Copy II Plus or the ProDOS Users Disk. AppleWorks can also show the catalog of a ProDOS disk.

Gimme a call. Tell me how you're doing - 698-8633



Review by Tom Gates

Here is the second disk in a series of disks for the IIgs in which each disk contains some of the latest and greatest Desk Accessories, some great utilities and some picture files. These are a combination of Public Domain and Free-Ware programs now available. Again, with the introduction of these disks, the IAC69 disk will no longer be available. The files and programs from that disk have been updated and incorporated into this series along with many other files and programs.

Where available, the source code and APW macros have been included with these programs for those of you that want to see what is happening inside.

List of Classic Desk Accessories (CDA's) includes:

Calendar - Displays a month-at-a-glance calendar. By using the arrow keys, you can move to different months within the year or move to the same month in different years.

Disk Info - Provides information about the current disk as well as the status of the other pathnames.

Master CDA - The control panel is only able to display a fixed number of Classic Desk Accessories. You have 28 you want to load? Used to be you had to pick which 20 you wanted and hope you didn't have need for the other 8. Well, worry no more. Master CDA takes up only 1 position in the control panel, but will control up to 100 CDA's. Run the utility to load CDA's into master, and you're done. You can also have multiple Master CDA's in the control panel, allowing you access to several hundred CDA's if you have them and the memory.

(Note: I have just seen that Master NDA is now available. This gives you the same capabilities but with New Desk Accessories. Hope to have this on the next IIGS.xx disk.)

RAT Calc - Programmable calculator.

Set Slot - Allows you to change slot settings without having to reset and reboot.

Set Speed - Same type of thing as Set Slot, in that you can change between speeds on the IIgs without reset and reboot.

Type It - Gives you a scratch pad area to jot notes as you work.

List of New Desk Accessories (NDA's) includes:

Analog Clock - Shows time of day using standard analog clock. Sweep sec. hand.

BG Music - Allows you to play Back Ground (BG) music (some digitized sound) while you are using an Apple IIgs program. It can play any digitized sound file.

Control Panel - This allows you to change any of the slot configurations and/or the boot slot. Changes take effect immediately.

E.D.M. - Otherwise known as the Executive Decision Maker. With this NDA, see how those multi-million dollar gamble decisions are really made.

Mini File - Shows you the on-line volumes by device and volume name. Allows you to delete, rename or move files. The move is referred to as a "smart move" in that the file itself is not moved, only the directory pointers of the file.

Two Apples - This is the NDA I mentioned last time. You've been looking at all the neat NDA's you have amassed and suddenly realize that you can't get them all into the Apple menu. Well wouldn't it be nice to have "two" Apple windows? Yep, now you can. What is nice about this NDA is that you can load it and it will leave you with the normal one-Apple menu bar until you you add that one NDA that requires it to add the second Apple.

Digital Clock - This one is for those of you that prefer "9:45" instead of "quarter of 10".

List of Utility programs includes:

Amp Mouse - Adds some new commands which can be used through the ampersand (&) command. You are able to change the mouse's mode or read it with out using the commands "IN#4", "PR#4", "INPUT x,y,b", etc. Access to the mouse is through the IIgs toolbox routines. Commands are then available through your BASIC programs.

Apple Rx - This program will read your system files and create a data file that contains information on these files. At any time you can run a check and report on any files that have been altered. This is to help notify you that you may have picked

up a program containing a virus. This subdirectory also contains an article giving information about viruses, what they are, why they are around. Be sure to read if you do any downloading from BBS's or receive public domain software from questionable sources.

Icon Editor - The Icon Editor (TIE) is used to edit existing Icon files for the Apple IIgs Finder. The Finder uses these Icons to launch applications from document files or to replace the standard application Icon with a custom Icon. Those of you that have worked at setting up Icons on the Mac (by one count about 20+ steps) don't be discouraged. This makes the use of custom Icons very easy. Only about three steps are required. Load the Icon file into the program, edit the Icon and/or the pathname to the application and save the new Icon file. See the "ICONS" subdirectory on the IIGS.04 disk for some sample files to start working with.

SysBeep - Ever wanted to change the error "BOINK" to something else? SysBeep allows you to replace the BOINK with a digitized sound file. The sample sound file on this disk is "WHOOPS".

Sys Reset - Allows you to accomplish a System Reset without having to reboot your system. Change your control panel settings and run Sys Reset.

List of graphics (type $C1) includes:
NEW.TREK.CREW - $C0 FORMAT
STINGRAY
SMART.SHARK
SOUL.386
BLAST.OFF
DEATH.STAR
STARSHIP

QUEST OF CIMMARON
Apple II/DOS 3.3
5.25" Format - 2 Disks

ShareWare, Requested Fee - $9.95 plus tax in Minnesota

Quests of Cimmaron is a ShareWare HiRes graphics adventure game along the theme of Wizardry, etc. This program was written locally by S.J.S Software of Minneapolis and appears to be very well done. The program comes on three disk sides (2 disks). 1) the Game disk 2) the Creation disk 3) the Player disk. It requires any Apple II machine with 64K of memory, one disk drive and a joystick. The short text file that's printed to the screen or printer suggests 2 drives. I found myself putting the second drive back on the system to cut down the disk swapping.

You start out by creating your band of adventurers and starting off on your travels. From this point on the joystick is required. The screens are done in mixed mode Hires. Graphics on top of the 4-line text display. It has been a very enjoyable program to play and for the $9.95 ShareWare fee, is a real bargain.

The ShareWare fee provides you with the Deluxe Game Manual which contains the story line, control functions and more. Also included is a bonus game disk. (It appears that there are multiple versions of the "Quest". Each version having different themes.)

Here is a summary of the DA's on IAC69:

Meltdown - (The NDA) Simulates your screen melting into the bottom of your display.

Notepad - Just what it says, gives you a place to jot down notes to yourself; can also print contents of notepad.

Master.DA - The IIGS is currently limited by system software to 14 CDA's. This DA takes up only one DA slot but can control up to 100 additional DA's.

Typeit

Calendar - Displays a monthly calendar with diamond identifying current day within the month. Uses left/right and up/down arrows to select months or years.

Hex/Dec convert - Does as it says, converts between hex and decimal number bases.

Announcements—Concluded

Software News - June

by Tom Gates - Software Director

Apple System Software Update - To date (early May) we have received the labels for the 4-disk Mac set and the HyperCard v1.1 disk. After having talked to Apple, it appears that we should have everything by June. So come on in and check this out at the Swap Meet.

Have heard that there will be some interesting software unveiled at AppleFest. I have things in the works to get demos of some of these programs in late June or early July.

I would again like to remind members of the club's policy to give you coupons good towards free eDOM's when you provide us with programs that can be used for eDOM's or help out in reviewing software and doing a write-up for the newsletter. As you have seen in past newsletters, there is plenty of software needing to be reviewed and a lot of software around that could be made available to the club. Your help is always appreciated.

Adding ICONS to Programs on the IIGS

by Steve George

GETTING STARTED:
1) Buy an Apple 2GS.

PREPARING YOURSELF:
2) Buy this month's IIGS eDOM.

MAKING AN ICON:
3) Run the program: TIE (The Icon Editor)

FINISHING UP:
4) Save your icon to the ICON folder within the SYSTEM folder using the format "xxxxxxx.ICON" where xxxxxxx is the name of the application.

What? you say. That's all there is to it? Yup. You say it's too short to make a newsletter article? Oh. OK. How about if we also 'tackle' editing the background color of the IIGS Color Finder? Fine. Are you getting tired of a baby-blue screen on startup? Want something other than a solid pattern; say, maybe, plaid? Fine. All the gory details: buy last month's IIGS eDOM and run the program Desk.Pat. Period. Any questions? [Besides those of the Editor who will NOT be able to believe this and is SURE to comment:
5) Trade IIGS for Mac—Ed.]

"Who Buys the GS?"

excerpt from "Life in the GS Lane"
by Eric Schoch
Apple Pickers, February 1988
rekeyed by Steve George

Apple has decided that this [the Apple IIGS] computer is not meant for serious work, that it is essentially a computer for school and family — as long as the family members aren't writing books, producing newsletters, keeping mailing lists and other databases, providing tax assistance and other service work that people provide out of their home. For work, Apple believes, only the Macintosh will do.

Now don't write any nasty letters or make peevish phone calls. I like the Macintosh, too. The reason I bring this up is that a survey reported in the March issue of A+ magazine indicates that Apple and Apple dealers aren't marketing the IIGS to the people that are buying it (although frankly, in communities the size of Indianapolis and smaller, Apple does virtually no advertising of the IIGS at all.)

Go To 12

Ad Maker: Foundation for Productivity

by Tom Edwards

May 1988 Mac User Meeting

Doug Clapp is a name that should be familiar to all old hands on the Mac scene. Doug writes for MacUser Magazine, has written for other Mac publications, and authored the first book about the Mac, hitting the streets coincidentally with the Mac's release. Doug also was the creator of "Word Tools", a program that analyzes the written word for authors. He is a principal of **"Foundation Publishing"**, and that was the impetus behind his visit to the May meeting of the Mac User Group.

Foundation Publishing has one successful program making the charts this year, **The Comic Strip Factory**, and Doug hopes that their next, **Ad Maker**, enjoys similar fame. *David Durkee* authored the former, and is participating in the completion of Ad Maker, along with *Ken Rall*. With the company being local... headquartered in beautiful downtown Edina... is seems pretty natural that the Mini'app'les club be one of the first to get a glimpse of the program, as presented by the programmers themselves.

Ad Maker is designed to allow you to put together single page art for flyers, posters, newspaper ads and such. Frankly, I had the preconception that it would be a kissin' cousin to Comic Strip Factory, nudged here and there to address the purpose of composing an ad.

Wrongo!

This is a program that has been written from start to (almost) finish with the sole purpose of helping you carry out the assignment of its name. All ad objects are fully documented... where they go, what they are, what they consist of... so that others working with the ad know exactly what the composer has in mind for the finished piece. Menus and keyboard equivalents allow complete adjustment of elements in a very Macish, intuitive manner. The page is defined as a PostScript document, so there is full access to high resolution printers, shades and color prep separations. And if you don't like the way the menu defaults, customize it to suit your own taste!

For the Mac II user, there is full color support in all of the common methods, including PMS. Grids, layers, borders, rules and a host of graphic options make it easy to organize things the way that you want them. And if you are REALLY lazy, you can set the program on auto-pilot so that the program moves the elements around to create other layout possibilities.

Of course, an ad contains more than graphic elements. For the text components, there's good access to the fonts, editing and formatting common to the Mac. Import will accept material from the more basic word processors, and once it's in, you can adjust it further to fit the layouts. Naturally, a workable "run around" routine is included so that all of that text doesn't mess up those neat circles, ovals and starbursts.

When it comes time to wrap it all up, the program will save output in several of today's popular publishing formats. Hardcopy can go to a variety of printers. Separations are adjustable for screen (line) specs, angles, and even tweaking to push or stop a color.

The program looks close to being ready to go into production "real soon now." In actual fact, this looks like being around the end of the 3rd quarter of 1988. Mini'app'les is in fact privilidged to be able to see a demonstration at a date so far in advance of release. Foundation is hoping to make an arrangement for its national distribution. If you are in the business of putting ads together or any sort of complex one-page-at-a-time makeup, Ad Maker is a program that might be a big help in boosting your productivity.

From the National Zone...

Dave Stovall, coordinator for the Mac User Group, attended the AEC (Architects, Engineers and Contractor's) convention in Chicago last month (ouuu! I think that Dave WAS part of the show... I'll have to look into that). He reports that the Mac is making a dent in the heavy blue skin that this show has worn in the past. Dave couldn't pass up the chance to peck at a weakness in the "industry standard" drawing program, **AutoCAD**. Seems that they still haven't taught it how to draw a box with a simple click and drag of the mouse. (Want to know how it should be done? Come to the next Mac CAD/E meeting and see Dave demo **PowerDraw!**)

Another impressive observation at the show was when Dave watched as folks totally unaware of the Mac interface fiddled with HyperCard. With a few clicks of buttons, they were pulling up information and instructions from programs and databases. This "instant access" is something that is almost unheard of with those "other" computers. A revolution was happening right before their eyes, and they were a central part of it.

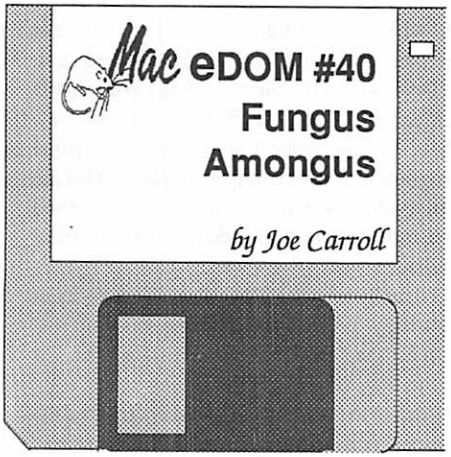
Good news, bad news and more.

Well folks, a bit of the fog lifted this week. **FullWrite Professional**, a program with a longer vaporware gestation period than an elephant, actually shipped. *John Hansen*, who has regularly reported on the progress (or lack) of this program getting into the hands of users, rose along with a few others to say that the shrinkwrapped box was received today. This "killer" word processor has more features than Carter's got liver pills. I can hardly wait to start reading the reviews.

On other "update" fronts, we heard that:

- **ReadySetGo! 4.0a** has been shipped to registered users. *Dick Aura* reports that this new release fixes some non-fatal bugs in an already excellent program.
- Another DTP program recently upped to rev 3.0 is **PageMaker**. I got my copy only to find out, along with others, that "hard disk required" means just that! All of those new and improved features will have to wait in the wings until (if) I pop for a hard disk to give me enough room to stick the pieces of the program together.
- MultiFinder, when it reaches release 7.0, is rumored to be the "minimum" for future software developments. (I 'spose that 2 megs won't be enough memory to get it started, too. And they say that crack is addicting! It might be a cheaper addiction than the Mac... read on!)
- Apple raised the price of their 2 meg add-on expansion from $599 to $849 this week. Right now, the chips that you need for the

Continued →



This 400K Macintosh Educational Disk of the Month was assembled in response to the recent virus scares. These EDOM's are generated by the Macintosh Special Interest Group of Mini'app'les, the Minnesota Apple Computer Users Group, Inc. Additional copies of this disk can be obtained at the MacSIG meetings: $5.00 for club members and $10.00 for non-members. They can also be mail-ordered by writing to:

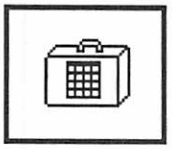
Mini'app'les
Attention MacEDOM Sales
PO Box 796, Hopkins, MN 55343

Please add $1.00 for shipping.

The files contained on this EDOM #40 are briefly described below: some contain their own more detailed documentation.

Vaccine.cdev is a Control Panel Device which, when activated, constantly keeps watch on all your files to see if any resources have been changed. If a resource changes, **Vaccine** alerts you so that you can take actions, if warranted. Alternately, an application may hang or bomb. To use **Vaccine**, merely put it in your System folder. Upon bootup, it will become part of the Control Panel DA and can be accessed from there. Clicking on it (in the Control Panel) will permit you to activate/deactivate it, to change options, or to read the instructions and some relevant comments. It takes up 12K and is free. Much more info is contained in the articles in the Virus Discussions folder. By Donald Brown of CE Software.

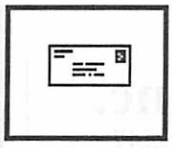
MacSIG
June 2
Roger Dodger
Coda Music Software
"finale"



VirusDetective 1.0 is a desk accessory (DA) installable with Font/DA Mover or usable under the desk accessory "handlers" (such as Other...3.06 from MacEDOM #28 or DA Utility on MacEDOM #37). It's job is to search files and folders for certain already identified viruses (resources). If found, the type of virus and the file which it is in are listed. You can note these and later take appropriate action. Upon activating the DA, the presented dialog box lets you start searching, get help, or see the 'about...' information. Help shows you what it does and allows you to specify what to search for. The search button gets you a dialog box from which you can direct the search so that it reviews all or only a portion of your files/folders (it uses the word 'directory' in place of 'folder'). $10 shareware. P.S.: It thinks that Vaccine has the dreaded virus INIT ID 10!

INTERFERON 1.0 is a program (double clickable application) that can recognize that files on your disks are infected by some of the more visible "Virus" programs, and can delete the infected file. THIS PROGRAM IS EXPERIMENTAL IN NATURE, so read the documentation carefully! (C)1988 Robert Woodhead Inc. This program is free, but if it helps you kill any viruses, please consider making a donation to the Vision Fund, a charitable fund set up to buy special hardware for a visually handicapped computer user. Two-page MacWrite documentation. Application is 19K in size and gives a nice hierarchical catalog of folders as it goes along. P.S.: It does not object to Vaccine.

ResEdit 1.01 is the latest (Jan 30, 1987) version of that tried and true (!) resource editor. A previous version (1.0d4) was included on MacEDOM #23 but is included here because of its intimate use in chasing down the exact location and characteristics of a virus. The Scores and Good articles in the Virus Discussions folder tell of its uses. Warning!!!!! Its misuse can really ruin your day!



Virus Discussion Folder This contains four files concerning the latest viruses and what to do, or not do, about them:

(1) March Discussions, MacWrite document, Monaco 9 point, 6 pages; Don Brown receives a threat about Vaccine and asks for advice. A real live soap opera!

(2) April Discussions, MacWrite document, Monaco 9 point, 4 pages. Long article by Upchurch who wrote the Scores article below.

(3) Scores Article. 42K. Very nice tutorial about the Scores virus, how to recognize, get rid of, etc. Shows how to use ResEdit and how the Mac works. Written by Howard Upchurch of Garland, TX. MacWrite document, 8 pages, OK to redo rulers. Recommended reading!!

(4) Good Virus Document. Word document, 64K, 7 pages. It talks about Scores from another perspective but also shows how to use ResEdit. Also good reading. By Rudy Rugebregt of San Jose, CA.

Ad Maker Continued

SIMMs might as well be made from hen's teeth, they're almost that rare. Apple's price had been flying in the face of supply and demand laws, in theory being one of the true values you could get from Apple... if you could actually find any! Now, on the verge of supplies actually becoming available, they bump the price! Geeze, thanks Apple. Keep this up and it'll be cheaper(!) to buy a Mac Plus and strip out the RAM for my upgrade. I'll buy TWO... they make great bookends!

Go To 13

Attention, Programmers!!

Have you ever been stumped on a bug for days, only to find out that the solution took you ten minutes to implement? Spent days getting information from Apple Tech, and your buddy tells you about a friend who knew the answer all along?
The solution...MacPRO!!

MacPRO is a unique association of serious Mac programmers, dedicated to providing answers to other members in the Twin Cities. Upon acceptance into MacPRO you become part of this information network. You will join other Macintosh experts in providing and recieving solutions to most programming problems. We will direct you to an authority on your programming question. You will then get the solution you need quickly, over the phone, without spending hours paging through endless technical notes.

Don't delay, call 427-4789 and ask Lee for your MacPRO membership application today!!

Sneak Preview Macintosh III

by Tom Edwards

Sometimes the best laid plans just get way laid. I feel like the guy that gets up to accept the Academy Award, only to find that his shirttail is hanging out his fly.

Really, folks, I try to keep it all together. But it must be time for an overhaul to the motherboard... maybe I'm a 110 volt plugged into a 220 volt outlet?

I've dragged my camera bag to several meetings during the past month, wildly snapping pics of various featured speakers, officers, new hardware (*See photo—Ed.*) and Mini'app'les coordinators. The pics add a bit to the newsletter, breaking up the pattern of text, text and more text. In the bag, I keep two old 35mm cameras, usually loaded with different film for different situations. Lots of times I roll a partially shot roll back up so that I can take it out of one camera to swap in another type of film. And at other times, I take the film out when I go through the x-ray machines that are part of the routine of air travel these days.

Photography by Tom Edwards

1989 Macintosh III
(Editor's Note: See text)

I even set up the camera for one of the Apple II meetings, giving it to Ed Spitler to take a few shots for me, since I was part of the panel program for the evening. I'm sure that Ed did a marvelous job of catching the group posed just right, focused and centered in the view finder.

I usually take the film out on Wednesday or Thursday, prior to the Saturday makeup session for the newsletter, get prints, select a few of the best(?!) and get the screen prints.

I drove to the photo shop today, grabbed the camera and started to rewind the film... whoops!

Somewhere along the line I'd forgotten to load film into this one. Sorry folks, no pics this month. And I'm sure that I had a great shot of Doug Clapp with his finger up his nose!

More pics (?) later...

TWE

MacChuck™

MacChuck™

PC Remote Control Program

If you work with both a Macintosh™ and an IBM® PC or exact compatible, MacChuck may solve all your co-processing and file transfer needs. MacChuck lets you use your existing Macintosh and PC hardware to:

- Operate DOS programs on your PC through a window on your Macintosh
- Use the Macintosh clipboard copy and paste commands with PC programs
- Copy text, non-text, and even "MacBinary" files between your Macintosh and your PC serial ports at extremely high speeds

MacChuck is a powerful and flexible tool for programmers, documentation groups, just about anyone working with both Macintoshes and PCs.

If you already have a cable connecting your PC to your Macintosh, just install MacChuck and go. If you don't, we have a universal 3 meter cable that can connect any Macintosh to either a PC or AT serial port.

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Who Buys the IIGS—Concluded

Who buys the GS?

According to the survey, commissioned by A+, "the typical IIGS owner is actually a middle-aged computer user who has bought the IIGS for serious applications such as word-processing, database management, and spreadsheet analysis." A+ goes on to say that more than two-thirds are college graduates, almost half have postgraduate degrees. Only 22 percent of IIGS buyers are employed in education. More than 40 percent of IIGS owners use it at work. The major use for the IIGS is word-processing — 96 percent write on it. Another 70 percent do database work on it, and another 61 percent work with spreadsheets.

What this means is people are buying Apple IIGS computers because they recognize they are complete, useful machines, on which you can do real work, and then have fun and learn something, too. And they're doing this despite having to wade through a contrary image purveyed by the maker of the machine.

They're even doing it despite the fact that they could save some bucks buying a PC-clone, an Atari ST, or an Amiga 500. Just think how many IIGS machines Apple could sell if it really tried!...

So, This is a Mac Novice Meeting?

by Tom Edwards

April 1988 Mac Novice Meeting

Y calendar. And I was at the right place at the right time; the library in Highland Park, on the fourth Monday of the month. Talk about dejà vu! Other than a few faces being different, those that attend the Mac Novice meetings look and sound a heck of a lot like any other Mac user, lusting for answers, power, memory and gains.

Tom Lufkin has been chairing this group since he suggested it, what... a year ago? If you read this drivel of mine, you know that I get to more than one or two Mac oriented meetings a month, but I hadn't made it back into my old stomping grounds to attend one of the Novice meetings. That is, until this April meeting. And I'm glad that I did! There's a lot of good information that is exchanged here. It doesn't matter if it's geared to the "novice" or the "expert", as long as it's fresh and new to *you*, it's a great bit of help.

Tom lead off with the perfunctionary Q/A session. There were lots of "why?" and "how come..." questions, some answered by Tom and some from others in the audience that had encountered the same problem or situation. Here's a sample; maybe you can add an answer... or find one:

- Rename a DA? Trusty **ResEdit** will come to your rescue here, but there were a few that wanted to stay clear of that "techie" tool. With a bit of searching around (possibly on a Mac eDOM), you should be able to find a program that allows just that, without requiring that you learn a lot of other stuff. Rummaging through the old gray matter stirred a program name, "**Menu Edit**", to mind... give it a shot.
- What's **QuicKeys**? A well designed program that lets you assign keyboard combinations of your own to empower menu selections or other "mini programs" that you often have to repeat time after time. Saves a bundle of keypresses and avoids errors.
- **TOPS**? Well, I forget what the acronym really stands for... Trancendental OPerating System??... but it's a software program that works in conjunction with LocalTalk (Apple's networking hardware and software). In network jargon, it's a "distributed file server" system. That is, each computer on the system participates in the transfer of files. Although the questioner thought that it was "expensive" at about $200 per computer, it is a fairly reasonable solution for a small work group. The alternative is a "dedicated" file server, which requires the purchase of a Mac Plus, a large hard disk, software and other hardware connections. In this system, the Mac is unusable for other activity while running the network.
- The dialing function in the first release of HyperCard has a "bug" that prevents smooth use of the program for dialing your calls. Look for the HyperCard update, issued a couple of months back, for a solution. (Sorry that I let my attention wander on this one. I think that the problem is that the Hayes compatibles have a hard time hanging up after a failure to connect.)
- **Tempo**? In function, something related to the type of thing provided by QuicKeys (above). This was the first "macro" builder for the Mac... a macro being a list of instructions to be carried out automatically, after you pressed the right key(s) to get it started. Although it was much touted upon release... and may be as necessary to some as the power cord is on your Mac... it seems to be fading from the goal of reaching superstardom status.
- Hard disk management. Now there's a mouthful! The shear *quantity* of what you can stuff on a hard disk can cause a mess of lost files; buried in folders in folders in folders... Tools are available to help you "rediscover" that incomplete letter to Aunt Martha, or perhaps 1985's tax information that the IRS called you about today. Other tools let you backup without too much pain, or reorganize the sequence of files on the disk for better speed response. There's whole books on the subject, if you want to REALLY get organized.

A program to boot

Larry Hlavsa came prepared with his personal system to show some of the shortcuts that he has found useful. He has set up a HyperCard operating system for his daily work with the Mac, finding his own way to avoid the "Finder" at almost every turn. Just a button-click and he's on his way into a different program. Upon quitting, he is returned to HyperCard, just as he left it. (Larry's a librarian in St. Paul. Perhaps that's got some connection to his great sense of organization. Everything that I do looks like a spring tornado found a favorite resting place.)

There was also a discussion of Microsoft Works, an integrated program that is gaining a loyal following. As with AppleWorks in the Apple II environment, this one program (well, collection of linked programs?) let's you do 99.44% of all that you need to do... for a lot of folks, anyway.

Larry found a number of folks interested in his book project, too. He is writing about the political cartoonists that were in vogue near the turn of the century. Seems that many were high paid guys, right here from good old Minnesota. Larry is completing this as a windup to his association with the state's Historical Society. Watch for it! Maybe one of these days you can say "The guy that wrote that is a Mini'app'les member, and he did it with his trusty Mac."

You'll know when you've arrived.

Every once in a while, someone's got to humble us just a touch. This was a Mac Novice meeting, right? Well, right into the middle of a real deep exchange by several on some esoteric ruminations within the Mac, one guy raises his hand. No, he didn't have something to add... just wanted to make sure that this was indeed the Novice meeting. Perhaps one day soon the tables will be turned if he keeps taking in these Novice meetings. It doesn't take too long to make the transition from beginner to experienced user on the Mac.

Lufkin probably has to say this often: "See them ahead? I must hurry and catch up with them, for I am their leader!"

More bytes later...
TWE

Ad Maker Continued

- HyperCard is weak in it's ability to generate versatile reports. One programmer has seized this as an opportunity, writing a program called **Reports for HyperCard.** Check out one of the reviews in the Mac mags. If you need more detail and flexibility in your HyperCard reports, this could be your ticket to ride.
- How to get 4 or 5 part NCR forms clearly printed from your Mac? If your dot matrix can"t do it, try a daisywheel printer. Add a simple cable, a driver, and you are in business. MS Word has the driver in the pro-

Go To 14

The Macbone is Connected to the Netbone

by Tom Edwards

April 1988 Mac CAD/E Meeting

The word must be getting around. Folks are coming from *Mankato* to attend the Mac CAD/E meetings, and there are more than just architects checking out what's new with drafting and engineering applications on the Mac.

Bill Langer, chairperson for the Mac CAD/E group, lead a rambling and lively discussion on a variety of subjects for the April meeting at the Hopkins Heath-Zenith store. These last few months, a Mac meeting seems incomplete without a review of the latest in VirusWare, and this meeting was no exception. Certainly no myth, but it is amazing how few folks have actually been "infected" with this group of junk-malicious programs. Those who have a hard disk, and do get bit by the Trojan, probably would push the needle off of the scale more than at Three Mile Island. Remember Salvation... thy name is BackUp!

Sharing, and then some...

Daron Applequist and Bill Langer teamed up to cover the program for the evening. Normally, we touch on the drafting, engineering or analytical for this techie-bent group. But in a real work environment, a lot of work gets shuffled around, reviewed, commented upon and returned for additional work. One way of doing this is called "SneakerNet"... grab your disk, jog to the next guy on the line and hand him the disk for review. Doing this electronically moves us out of the Computer Neanderthal Age and right into the next century, and the technique is called "networking."

If you get a few of the magazines I do, you've read a lot about this process, too. I felt that I had the IDEA of what goes on to share files electronically, but actually seeing a network in operation adds a heap of unde-standing to the mechanics. Of late, I've got n a bit of the flavor as we work on the newslet. r. Dan (Buchler... da Editor) often links two or three Mac's up with TOPS (a "distributed" file server... each computer on the network participates in the administration of the file sharing). Files can be read into one Mac from the disk at another Mac. However, since all the computers on the network are Mac's, it's kind of like kissing your sister... not too much of a thrill. It's just a step up from SneakerNet; all the files are Mac files, all of the computers are Mac's, all of the programs are Mac... so you might just as well pass a disk to Charlie and let him use the files right off the disk!

No, there's something else that moves you another century or two further into the future. AppleShare (the software behind a "dedicated" file server, where one Mac does nothing but handing out the files to those on the network that ask for them) opens your eyes several notches. Using LocalTalk (formerly AppleTalk; a hardware/software linkage between computers that creates a network), you suddenly begin to move further and faster than possible with SneakerNet.

Orbs to the Max!

As we watched Daron and Bill delve deeper into the possibilities of networking, the abstractions from articles I've read started to fall into place. The diagrams they drew on the chalkboard came to life. Like Merlin, Bill called into MTS Systems (about 8 modem miles distant), and the screen was augmented with more networks and AppleShare devices. Via the magic of R-Server (a hardware device accessed by modem), the Mac world expanded to encompass DEC and VAX... we were rubbing elbows with the BIG GUYS here, folks! Continuing with his Merlin-like act, Bill downloaded a short file that he'd left at MTS earlier in the day, signed off, switched to MacWrite and brought the file up on the screen... lead was changed to gold!

For the Grand Finale, Daron orchestrated a very practical and common routine to demonstrate the nuts and bolts of why a network can be a powerful tool. Using one of the store's Mac's, a Zenith and a 3Com File Server, he forever destroyed the concept of SneakerNet being anything more than a homey word for a prehistoric flicker in the age of computers. He used the Zenith and AutoCAD (yuck!) to display a drawing of the Shuttle. He saved it to the 3Com disk, using "DXF", a software means of saving the file so that it can be accessed by other programs. Moving to the Mac, running VersaCAD Macintosh, he retrieved the file and showed that it was recognizable and workable in the Mac environment.

Now I tell you folks, that's the type of thing that networking is all about. Remote access, dissimilar computers, programs and files, but full exchange with no loss of data or need for re-entry of information. And this was with drawing files, something that I think you'll agree is a lot more complex than ASCII text.

Just a few years ago, what we saw in an hour's demonstration would have been beyond the talents of Merlin, Blackstone, Houdini and Copperfield, combined.

More bytes later...
TWE

Ad Maker Concluded

gram. Other drivers are available from third party developers.

- AppleShare upgrade? One is due that supports the new LaserWriter printers. Give your dealer a call in the next couple of weeks... it's due real soon now.
- For other network users, there have been some updates to popular software. Check with your supplier for a fix, if you've been having troubles with MultiFinder on the network, or other performance lags.

Changes, changes.

Nothing like new SIGs to address the changing needs and evolving interests of the Mac Users. Watch for announcements about a new desktop publishing SIG... Mac oriented, of course. And there's an MS Works group in the forming stages, looking to carry on in the tradition of the very successful (and continuing!) AppleWorks SIG. Anyone want to start a MIDI SIG? I know that I need another meeting on the monthly calendar like I need a smoking power supply, but there's two others in the family that would like to pick and share.

A little change in the wind...

I've mentioned another pair of long-time club members on these pages every once in a while... *Collin* and *Carol Mansfield*. They've involved their Apple computer interest with music, art and livelihood. Up to this month, that Apple has been in the II series, most recently suffixed with a gs. They saw me at the Mac User meeting and came over to say that they had just added a Mac Plus into the family. Wouldn't surprise me to hear more from these creative folks real soon, as the Mac experience blossoms.
Enjoy!

More bytes later...
T W E

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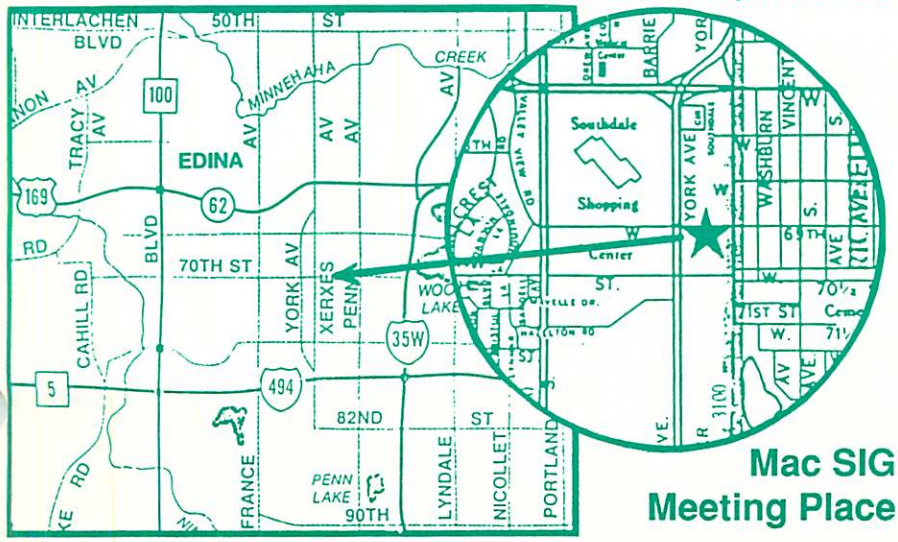

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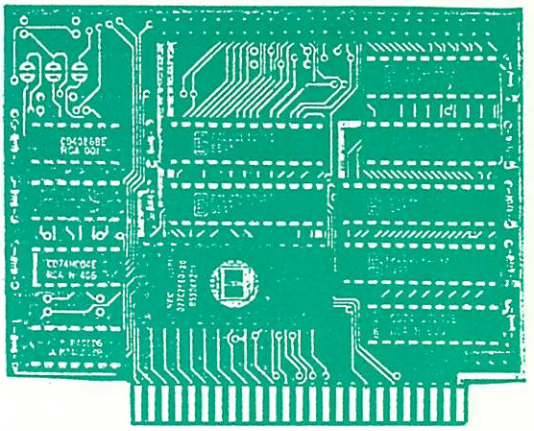

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