



mini' app'les



Apple Computer user group newsletter

Volume XI No.5 May 1988

Calendar of Meetings and Events

WHO	WHEN	WHERE	WHAT
Mac Users	Thur. May 5 (6:30) 7:00 pm	Hennepin County Library, Southdale Branch, 70th and Xerxes, Edina, MN	Doug Clapp with his new "Ad Maker", Notes 3 & 9
Mac Computer Art & Design Group	Mon. May 9 6:45 pm	Mpls. College of Art and Design 133 East 25th Street, Room 325	Joy Kopp, 440-5436
HyperCard™ Group	Mon. May 9 7:00 pm	Call for New Meeting Location	Note 9
Languages/Technical S.I.G. (New Meeting Location)	Wed. May 11 7:30 pm	Hopkins Public Library 22 11th Avenue N., Hopkins, MN	Note 11
The Smalltalk Group	Wed. May 11 7:00 pm	250 S. Milton St. St. Paul, MN	Programming in Smalltalk Note 4
Board Meeting	Thur. May 12 7:00 pm	Brookdale Hennepin Area Library 6125 Shingle Creek Pkwy., Brooklyn Ctr.	Members welcome, Note 1.
Fourth Dimension™ Group	Mon. May 16 7:00pm	Hennepin County Library, Southdale Branch, 70th & Xerxes, Edina, MN	Ian Abel, 824-8602 Small Meeting Room, 2nd Floor
MacCAD/E User Group	Tues. May 17 7:00 pm.	Heath/Zenith Computers Shady Oak Road, Hopkins, MN	Note 6
Beginning Macintosh™ Programmer	Tues. May 17 7:00 pm.	Hennepin County Library, Southdale Branch, 70th & Xerxes, Edina, MN	Tom Vind, 473-0455 Small Conf. Room, 2nd Floor
Apple II S.I.G.	Wed. May 18 7:30 pm	St. Louis Park High School 33rd & Dakota, St. Louis Park, MN	Note 7
Mac Novice User Group	Mon. May 23 7:00 pm	Highland Branch Library 1974 Ford Parkway, St. Paul, MN	Note 12
Northwest Branch	Tues. May 24 7:00 pm.	Rockford Road Library 6401 42nd Av. N., Crystal, MN	Note 8
Apple IIGS S.I.G.	Wed. May 25 7:30 pm	1st Minnesota Bank 31-9th Ave. S., Hopkins, MN	Note 10
Mac Users	Thur. June 2	Hennepin County Library, Southdale Br.	Notes 3 & 9
Languages/Technical S.I.G.	Wed. June 8	Hopkins Public Library, Hopkins	Note 11
The Smalltalk Group	Wed. June 8	250 S. Milton, St. Paul	Note 4
Board Meeting	Thur. June 9	Call for Location	Members welcome, Note 1
Mac/Apple Swap Meet	Sat. June 11 10:00-2:00	Chance to sell: Chance to buy Place to be announced	Note 7
Mac Computer Art & Design	Mon. June 13	Mpls College of Art and Design	Joy Kopp, 440-5436
HyperCard™ Group	Mon. June 13	Summer recess—no meeting	Note 9
Apple II S.I.G.	Wed. June 15	May be dropped because of Swap Meet	Note 7
Fourth Dimension™ Group	Mon. June 20	Hennepin County Library, Southdale Br.	Ian Abel, 824-8602
MacCAD/E User Group	Tues. June 21	Heath/Zenith Computers, Hopkins	Note 6
Beg. Macintosh™ Programmer	Tues. June 21	Hennepin County Library, Southdale Br.	Tom Vind, 473-0455
Apple IIGS S.I.G.	Wed. June 22	1st Minnesota Bank, Hopkins	Note 10
AppleWorks© S.I.G.	Thur. June 23	Derham Hall High School, St. Paul	Note 7
Mac Novice User Group	Mon. June 27	St. Paul Highland Branch Library	Note 12
Northwest Branch	Tues. June 28	Rockford Road Library, Crystal	Note 8

Mac DeskTop Publishing SIG

Coming!

Notes:

- | | | | | | | |
|------------------------|----------|---------------------|----------------|-------------------|-----------------|----------|
| 1. Ann Bell, President | 544-4505 | 5. | 6. Bill Langer | 937-9240 | 9. Mike Carlson | 866-3441 |
| 2. | | 7. Dick Marchiafava | 572-9305 | 10. Dick Peterson | 473-5846 | |
| 3. David Stovall | 474-8015 | 8. Jere Kauffman | 535-6745 | 11. Chase Allen | 435-2645 | |
| 4. Martin McClure | 227-9348 | | | 12. Tom Lufkin | 698-6523 | |

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

Board Members

President	<i>Ann Bell</i>	544-4505
	8325 39th Avenue N., New Hope, MN 55427	
Past President	<i>David Laden</i>	488-6774
	1215 W. Laurie Rd, Roseville, MN 55113	
Vice-President (Acting)	<i>Dick Marchiafava</i>	572-9305
Treasurer	<i>J. Edward Wheeler</i>	881-5928
	P.O. Box 796 Hopkins, MN 55343	
Secretary	<i>Open</i>	
Communication Director	Dan Buchler	890-5051
Software Director	Tom Gates	789-1713
Technical Director	John Hook	435-6281
SIG Director	Dave Stovall	474-8015
SIG Director	Dick Marchiafava	572-9305
Branch Director	<i>Open</i>	

Coordinators

Beginners' Consultant	Earl Benser	884-2148
Membership Form Distr.	Bill McAndrews	645-6713
Membership Co'tor	Ed Spitler	432-0103
Shows & Conventions	<i>Open</i>	
🍏 SIG - Apple IIGS	Dick Peterson	473-5846
🍏 SIG - AppleWorks	Dick Marchiafava	572-9305
🍏 SIG - Beginners Basic	Tom Alexander	698-8633
🍏 SIG - Languages/Tech	Chase Allen	435-2645
🍏 SIG - Macintosh	Dave Stovall	474-8015
	Mike Carlson	866-3441
🍏 SIG - Macintosh Excel	M. Nightingale	545-9380
🍏 SIG - Mac Beg. Prog.	Tom Vind	473-0455
🍏 SIG - Mac HyperCard	Mike Carlson	866-3441
🍏 SIG - Mac MacCADD	Bill Langer	937-9240
🍏 SIG - Mac 4th Dimens.	Ian Able	824-8602
🍏 SIG - Novice	Tom Lufkin	698-6523
🍏 SIG - Smalltalk	Martin McClure	227-9348
🍏 Tech. Adviser (hdw)	Roger Flint	771-2868

Branch Coordinators

North West	Jere Kauffman	535-6745
Liaison (†) - Genealogy	Jules Goldstein	690-4447
Liaison (†) - Medical	Stewart Haight	644-1838
Liaison (†) - CP/M	Jim Rosenow (414)	261-2536

† To provide contact with non-Mini'app'les SIGS

Software Director's Staff

Software Director and Apple // DOM Editor	Tom Gates	789-1713
Assistants:		
CP/M	<i>Open</i>	
Eamon	Dave Nordvall	724-9174
IAC	Richard Peterson	
MacDOM Editor/Prod	Joe Carroll	938-4028

Circulation this issue: 1350

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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: Ed Spitler 432-0103
PO Box 796
Hopkins, MN, 55343

\$15 buys membership for one year (effective Dec 1, 1987—\$12 before Dec 1). New members pay a \$5 administration fee. Members receive a subscription to newsletter and all club benefits.

	eDOMs	@ Meetings	Mail Order
Members:	eDOMs	\$3.00	\$4.00
	MacEDOMs	\$5.00	\$6.00
Non-Members:	eDOMs	\$7.50	\$8.50
	MacEDOMs	\$10.00	\$11.00

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 any specific dealers but promotes distribution of information which may help club members to identify the best buys and service. Although the club itself does not participate in bulk purchases of media, software, hardware and publications, members themselves may organize such activities on behalf of other members.

Newsletter Contributions

Please send contributions on Mac 3 1/2" disks or via telecommunication 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: Tel. No 831-6235

Advertising

Direct Advertising inquiries to our co-ordinator Eric Holterman at:

3608 Blaisdell Ave S.
Minneapolis, MN 55409

GENie: EFHolterman
TCCN: Box 431
612-822-8528

Newsletter Publication Staff

Director & Editor Daniel B. Buchler 890-5051
13516 Grand Avenue S.
Burnsville, MN 55337






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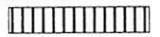
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Membership Application and Renewal Form

05/88

Name: _____

Address: _____

City: _____

State: _____

ZIP: _____

Home Phone: (_____) _____ - _____

Work Phone: (_____) _____ - _____

New Member () or Renewal ()

Spouse's name: _____

Children's 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 () Spreadsh'ts ()

Business () Publishing ()

Education () Novice ()





Send to: Membership Coord

Ed Spidler
PO Box 796
Hopkins MN 55343

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

The Fine Print

The Mini'app'les newsletter is an independent publication not affiliated or otherwise associated with or sponsored or sanctioned by Apple Computer, Inc. or any other computer manufacturer. The opinions, statements, positions, and views stated herein are those of the author(s) or publisher and are not intended to be the opinions, statements, positions or views of Apple Computer Inc., or any other Computer manufacturer. Apple®, the Apple® logo, Apple IIGS®, AppleTalk®, AppleWorks®, Macintosh®, ImageWriter®, LaserWriter®, are registered trademarks of Apple Computer, Inc. LaserShare™, Finder™, MultiFinder™ and HyperCard™ are trademarks of Apple Computer, Inc. PostScript® is a registered trademark of Adobe Inc. Times® and Helvetica® are registered trademarks of LinoType Co.

System Finder MultiFinder ImageWriter

System Updates for Macintosh

ProDOS and DOS 3.3 systems for Apple II/IIGS

See article inside.



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

Swap Meet

June 11

10:00—2:00

Place to be announced

 **MacSIG** 

May 5

Southdale Library.

“AD Maker”

with

Doug Clapp

Mini'app'les BBS No— 831-6235 (New Software)

May Mini'app'les Newsletter goes to press on May 14. Please observe minimum one week leadtime.

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 April's honored folks... Congrats!)

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

New Members:

We welcome the following new members:

First, Last	ZIPCODE	Home Phone
Karen Johnson	55125	612-735-5873
Tim Hartz	55105	612-293-1642
Bruce Lundberg	55114	Not Provided
Maureen Sinkler	55407	612-724-8771
Scott Neader	55110	612-426-2517
Patrick D. Fruth	55434	612-755-3673
Denise Falvo	55124	612-431-1997
John Brunett	55418	612-789-2342
Vince Desio	55337	612-890-6643
Nancy Doyle	55409	612-822-7665
Andrew C. Esh	55416	612-922-5729
Bernice Hoffman	55352	612-492-2962
Greg T. McLafferty	55110	Not Provided
Joe F. Oakley	55406	612-729-6107
Mark Olander	55318	612-448-3348
Kathy Pattock (Metronet)	55101	Not Provided
Lauren Picha	55352	612-758-4544
Richard L. Reinke	55437	612-888-7065
Jim Ringquist	55604	218-387-2234
Joseph M. Sherin	55110	612-779-0164
Duane Skar	55117	Not Provided
Rohanda Victorson	55359	612-479-2768
Dave Webb	55082	Not Provided

Cooperating Schools:

Brooklyn Park VoTech
900 Brooklyn Boulevard
Brooklyn Park, MN 55445

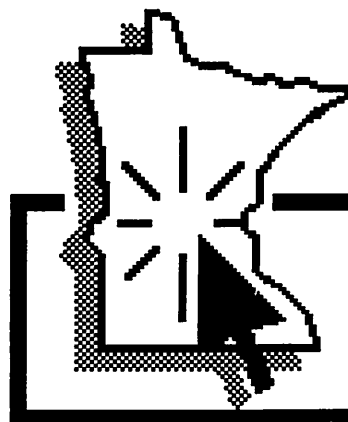
Eden Prairie VoTech
9200 Flying Cloud Rd.
Eden Prairie, MN 55344

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
by Dec. 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

Beginning Macintosh Programmers (BMP)

The next meeting of the BMP SIG will be Tuesday May 17 in the Ethel Berry room at the Southdale Hennepin library at 7:00 p. m. We will discuss some Mac Pascal code that Ian Able distributed at the April meeting. The emphasis in this group is to learn the toolbox well enough to write programs which use the Mac interface and other unique Mac features. All experienced programmers who want to learn to program the Mac are invited.

AppleWorks SIG Meeting Schedule & Announcements

The February meeting gave AppleWorks users an opportunity to see TimeOut enhancement modules. These programs from Beagle Bros allow the AppleWorks user to customize AppleWorks by installing applications and accessories that extend the capabilities of the program, using it as the basis of an operating environment.

Our March meeting covered creating and using RAM drives with AppleWorks and other applications. A RAM drive is a portion of an extended memory board configured to act as a ProDOS storage device. Using a RAM drive permits the user to have AppleWorks and other programs, accessories or data to be located in memory from which these can be accessed quickly and easily. This is a useful technique if the user has a lot of TimeOut applications, or other programs which must be switched between often.

April 28: TimeOut Graph

A demonstration of this AppleWorks resident graphing program.

May 26: Writing Macro Commands

How to make AppleWorks work the way you want it to using macro commands.

Coming meeting dates: June 23.

The AppleWorks SIG summer meeting schedule, location and subjects will be published in the June newsletter.

Other forthcoming meeting subjects are TimeOut SuperFonts and macro programs. Watch the announcements for details.

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

Meetings are held monthly on Thursday, in the week after the Apple II SIG meeting, **unless there is a conflict with a major holiday.** In the event of a holiday, the meeting will be the 3rd Thursday of the month.

The meetings are held at Derham Hall High School, 540 S. Warwick in St. Paul. This is 2 blocks South of Randolph, 3 blocks East of Snelling. Meetings start at 7 PM. Call 572-9305 if you need information about these meetings. Dick

BBS Hard Drive Repaired New BBS Software Installed *by Dick Marchiafava*

The Mini'app'les BBS has been out of service recently due to a mechanical failure of the hard drive. It was found that the hard disk mechanism was faulty and needed to be replaced.

The Board authorized funds to repair the drive. A hard drive mechanism was purchased and given to Chuck Theisfeld, our stalwart BBS SYSOP. Chuck has completed the transplant and tells me the patient has recovered.

A growing dissatisfaction with the BBS software hopefully has been resolved as a result of the Board authorizing Tom Gates, our software director, to purchase new BBS software. This new software is being installed and configured on the repaired hard drive now.

The new BBS software will serve ALL club members better. Various features and modules are being installed, configured or considered for acquisition.

Access to the Mini'app'les BBS is provided as a benefit of membership and is available only to members.

To gain access to the BBS, members must log on by calling the BBS phone number - 831-6235. Enter the requested information when prompted. You will be confirmed and issued an ID number in a few days, as the SYSOP can get to it.

When calling this or any BBS for the first time, modem courtesy protocol is to call the BBS number by voice to confirm that you have contacted a working BBS, and not someone's home phone. People who get repeated calls from modems which wake them, blast them with a carrier tone, and otherwise disrupt their lives, become justifiably furious. Be considerate, check first.

Minutes of the Board Meeting March 10, 1988

Board Members in attendance: Ann Bell, Tom Gates, John Hook, Dick Marchiafava, Dick Peterson, Dave Stovall, Jim Wheeler, Dave Laden and Ed Spittler (Acting Secretary). Also present: Tom Edwards and Bob Pfaff.

Minutes of the February Board Meeting were not read or approved.

Ann Bell raised the issue of a nominating committee and questioned whether it had already been formed. Apparently not as there is no record of same in any of the minutes for this year. Because the newsletter will be going to press next Saturday, Tom Edwards agreed to get the list of nominations into the newsletter at that time.

Dick Marchiafava felt it would be a good idea to have the general membership meeting in February rather than March and plans to sub-

GOTO 6

Introducing MacTemps

- ✓ *Temporary office employees specializing in the Apple Macintosh*
- ✓ *Short and long term assignments*
- ✓ *On and off site services*
- ✓ *Reasonable rates*

Call
JO at 861-0137

Announcements, cont.

mit an amendment to the By-laws at the General Membership meeting on March 16, 1988.

Nominations were made and accepted for the following positions: President-Dick Marchiafava; Treasurer-J.E. Wheeler; Software Director-Tom Gates; Resources Director-John Hook; Macintosh SIG Coordinator-Dave Stovall.

John Hook suggested the board each take a list of new members and call them to see if they would be interested in helping the club. No action was taken on that suggestion.

Jim Wheeler, gave the following Treasurer's Report as of February 29, 1988:

		Income	
Membership Dues	1150.00		
Savings Interest	47.46		
E-Dom Sales	1514.00		
Miscellany	145.00	2856.46	
		Expenses	
E-Dom Cost of Sales	150.00		
Office Supplies	10.00		
Telephone	15.28		
Postage, shipping	525.69		
Printing, Pubs	2233.50		
Meetings	94.32		
Bank Chgs, Bad Checks	77.00	3105.79	
Savings Acc't Bal.	11565.39		
Check. Acc't Bal.	6855.13		
		Loss	249.33

Jim Wheeler reported discrepancies with DOM sales in that it is his opinion that there should be greater income and plans to look into this at greater length.

Jim Wheeler also did a study of Printing costs and felt that we could save a significant amount of money using a printing company by the name of Whiz Print. He has currently hired them to make up DOM catalogs and while there have been problems, is confident they will be straightened out soon.

Jim made the following motion: that we authorize Dan Buchler to change printers to Whiz Print, based on quotations agreed to with him (Jim Wheeler). Motion was seconded by John Hook. Discussion: Jim Wheeler feels it would be in our best interests to have everything done at one place and will personally see to it that the first printing will go smoothly.

Vote: One opposed. All other Board members approved.

Jim Wheeler reported that a Laser Printer was purchased for the price of \$2,000.00, to be used by the Communications Director, Dan Buchler.

Dick Marchiafava reported that the BBS was not working and it has been determined that the hard drive malfunctioned. A motion was made by Dick Marchiafava that a naked hard drive be purchased at a cost not to exceed \$250.00 and that it be installed under the supervision of Chuck Thiesfeld. Also, that Tom Gates purchase GBBS Pro, a software program for our BBS and to consider other modules that may also need to be purchased. John Hook seconded the motions. Discussion: It was agreed that replacement of the hard drive should be initiated as soon as possible by Chuck Thiesfeld. It was also noted that the current drive was not under warranty nor was there a maintenance contract in effect. Vote: All approved. Dick will coordinate with Chuck.

Bob Pfaff noted his displeasure with the Board of Directors for rescinding authorization as a Branch from publication in our newsletter. He felt that we were discriminating against him and cited a number of factors. The Board continues in their current feeling that Bob was not meeting the conditions of a Branch group.

Tom Gates presented an amendment to our agreement with Apple to provide HyperCard to provide HyperCard with Macintosh System upgrades. The current upgrade must be on four disks and be offered as a set to membership only. Cost will be \$10.00. *(Editors Note: It was subsequently discovered that the HyperCard upgrade will be on one disk and cost \$2.50.)* Non-Members will not be allowed to purchase those upgrades on threat of cancellation of the agreement by Apple.

Tom Edwards informed us that he had put our application form and

information on the TCCN and Gizmode BBS's. He also indicated that TCCN offered to exchange services for a negotiated equal value or similar arrangement. Tom made a motion that Gizmode and TCCN be recognized as sponsors for new members in our membership drive.

Ed Spitzer advised us that we have already received one application for membership via TCCN as well as another one from our own BBS prior to the unfortunate demise of the hard drive. Dave Laden seconded the motion. Discussion: None. Vote: All approved.

Dick Marchiafava made a motion that the meeting be adjourned. John Hook seconded the motion. Discussion: None. Vote: All approved.

Respectfully submitted by
Ed Spitzer, Acting Secretary.



MacSIG May Doug Clapp

A SPECIAL INVITATION TO MINI' APP'LES

TCCN

Twin Cities Computer Network

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

- Electronic Mail
- Product Testing
- BBS Listings
- User Group Info
- USA Today News
- Public Forums
- Flea Market
- Sports

It'll make you want to hug your modem!

Access Number:	(612) 349-6200
Logon:	TCCN (all caps)
Password:	GUEST (all caps)
Comm Parameters:	7 Data Bits 1 Stop Bit Even Parity 300, 1200, and 2400 bps
Voice Phone:	332-2101



By Tom Alexander
ASSEMBLY LANGUAGE

As you become more familiar with the wonderful world of computers by reading books and magazines and by attending our meetings and SIGs (Special Interest Groups) you will come across the term ASSEMBLY LANGUAGE. This is a programming language.

The faint of heart should take note: Assembly Language is not for everyone.

I've been trying to get an arm-lock on Assembly for a year now. My accomplishments to date are two programs. One program clears the screen, the other prints my name across the screen. I mastered this in two days with Basic.

At the outset you are introduced to a new way of counting called HEX. This is short for hexadecimal. It is suspected that the guy who

invented hexadecimal had sixteen fingers instead of ten like the rest of us.

Assembly has a vocabulary all to itself: Hex, Merlin, PRBYTE, Sourceror, STX, SC8, #"[, etc. What does this suggest? The occult!

Yes, friends... Know that you are entering the nether world of the dark sciences populated by wizards and alchemists.

They're among us. I have it on good authority that one of our own at the tender age of four months scribbled this cryptic message on his crib: **LDA #50A**. Instead of the common baby-talk, *Naa Naa Noo Noo*, he would utter things like *Naa Naa Mnemonics*. Proof positive!

I've found that there isn't much help for the individual beginning Assembly Language. This is probably charitable. Those that have ventured into this world don't want to see another human being subjected to this form of masochism.

You must have someplace to start, so I'll try to fill this void. I'll confine myself to talking about 6502 Assembly Language. You'll need two things: A book and an ASSEMBLER. It might be a good idea to list two books - Assembly Lines: The Book by Roger Wagner (\$20) and Assembly Language for the Applesoft Programmer by C.W. Finley, Jr. and Roy E. Myers (\$17). *(Editor's note: I think Tom means \$17 not address 17! Read on!)* Both are

designed for the beginner. Both, however, are predicated on the assumption that the reader is familiar with the Applesoft Basic programming language.

The Assembler is the Philosopher's Stone of this mystical tongue and presents a different problem for the beginner. An Assembler is a program that will allow you to enter the assembly language program and save it to disk. This part of the program is called the EDITOR. It is very much like a word processor program. The code entered is referred to as the SOURCE CODE. But there's more wizardry. The Assembler then has the capability of COMPILING the source code into the machine language code (0's and 1's) the computer understands. This compiled program is then saved to disk as a BINARY FILE. It is referred to as the OBJECT CODE.

Choosing the right Assembler to buy is really a matter of choice. The MERLIN PRO Assembler is one of the front runners. Assembly Lines: The Book gives all the examples and programs in Merlin source code. The second book mentioned above uses the S-C Assembler source code. This is not unusual. Each book and article about Assembly Language is written with a particular Assembler in mind. An invaluable article written in the

GOTO 8

AMATEUR FAIR '88

Upper Midwest's Largest Electronics & Computer Swap & Show
 For Personal Computer Users, Electronic Hobbyists, and Amateur Radio Operators

Club Activities - Demonstrations - Commercial Exhibitors
 and the BIGGEST Indoor & Outdoor Electronics Flea Market

Friday & Saturday, June 3rd & 4th, 1988

Friday	Outside Flea Market	Closed
	Inside Flea Market	6:00 p.m. to 10:00 p.m.
	Commercial Exhibits	6:00 p.m. to 10:00 p.m.
Saturday	Outside Flea Market	6:00 a.m. to 4:00 p.m.
	Inside Flea Market	6:00 a.m. to 4:00 p.m.
	Commercial Exhibits	8:00 a.m. to 4:00 p.m.
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The AppleWorks Advisor

A Column For Users Of AppleWorks

by Dick Marchiafava

Apple Networks and AppleWorks

Apple Computer has announced the release of hardware and software to allow Apple // computers to use the AppleTalk network. These products are aimed at the educational market. Presently, Apple isn't talking about these products in any other context.

Other software developers are also announcing networking versions of popular programs, including a networking version of AppleWorks from Claris. This version of AW was reported to be \$1616. Software from other vendors also shows similar pricing.

When Steve Jobs left Apple, the company indicated it would become a "market driven" business. Based on my observations, Apple Computer continues to define, and attempt to control, who will use which products, for what purpose and in what manner. An example is defining the Apple IIGs as a "home entertainment and education" computer intended for use by children. More than half of the buyers of the Apple IIGs are over 40 years of age. More than 70% of the IIGs computers sold are used for some "business" applications.

Time will tell if the recently announced access to AppleTalk networking will be useful and available to businesses. It will take a sharp pencil (or good spreadsheet) to determine if the steep costs of hardware and networking versions of application software will cost out favorably for potential users of this network.

AppleWorks 2.0 File Saving Problem

AppleWorks uses an indirect method of saving a file which was loaded from disk back to the same disk with the same file name. It modifies the file name on disk and saves the modified file to a different area of the disk. Then, it deletes the old version of the file. This is a little safer way of doing saves.

However, it means that if there is not enough room to hold the entire modified file being saved, an Insufficient Room error message would be displayed. With AppleWorks 2.0, a change was made in the file saving routines. With AW 2.0 the messages are:

**Insufficient room for
your file on this disk.**

**Is it OK to delete the
old copy of this file?**

The change in AW 2.0 is reflected by the second line of the message. Instead of canceling the save, deleting the old copy of the file from disk, or using a different disk, you can reply, Yes. The program will delete the old version of the file from disk and continue the save. Pretty handy, huh? Maybe not.

There have been reports of files being un-loadable under certain conditions when this feature was used. I believe I have experienced this problem myself.

Before I began to write this column, I tried to reproduce this fault; I could not. I checked with other users who indicated the problem can occur if there are only a few blocks available on disk. I proceeded to whittle away at the space available until there was only 1 block left. The saved file loaded successfully each time. I even used all the blocks on disk, which produced an error message of "Cannot write on disk."

Although I could not reproduce the problem, I recommend AppleWorks users do not use this feature. Save the file to a different disk, or stop the save and delete the file yourself, then repeat the save. There have been files lost because of use of this feature. Better be safe than sorry.

Another AppleWorks Time Display Problem

Having gotten most everyone past the problem of the wrong year coming up when using a clock card (by changing to ProDOS 1.4), I thought we were free from time display problems. I had not counted on Leap Day.

With the end of February and Leap Day, a new time display error appeared for some AppleWorks users. The day of the week in the on-screen time display was 1 day late.

I checked my clock card with its utilities and found the day of the week was correct. A call to Claris customer support indicated they were aware of the problem, but had no fix to suggest. I wrote to the Open-Apple newsletter about this problem, because it seems to be a focal point for Apple problems and fixes. I had not received a reply by the time I figured out the source of this problem.

After further consideration, I realized the problem of the day of the week being 1 day late since leap day originates with the Checkmate MultiRam AppleWorks expand software.

AppleWorks does not take the day of the week from a clock when it grabs the date. Since AppleWorks does not load the day of the week from the clock, it is being supplied from elsewhere. In fact, AppleWorks does not display the date on-screen without some help. In this case, the on-screen time display is a feature added to AppleWorks by the Checkmate MultiRam AppleWorks Expand utility. The on-screen day of the week which Checkmate expanded AppleWorks shows is the result of a calculation based on the date taken from the clock. This calculation did not take leap day into account.

Once I realized the source of the delayed day of the week display was Checkmate's expand utility, I gave them a quick phone call. Checkmate immediately acknowledged the problem. A revised version of the Checkmate MultiRam software disk, version 5.1.1, will correct the problem.

AppleWorks users who use the Checkmate software can get the update from their dealer, or from Checkmate.

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



Beginner's Corner, concluded

September 1987 issue of NIBBLE entitled 'Assembler Cross-Reference' lets you translate the source code from one brand to another.

The Assembler mentioned above, Merlin Pro, comes with two disks in the package. One is written with the ProDOS operating system, the other in DOS 3.3. It is probably easier for the beginner to use the DOS 3.3 version. You can type in the Source Code, Assemble it and BRUN (BEE RUN) the binary program without leaving the Assembler program. To get back to the Editor/Assembler just type ASSEM from BASIC.

I have accumulated a whole library of books on 6502 Assembly Language and several Assemblers. If you are just starting out give me a call. Maybe I can give you some tips or just discourage you from going further.

Maybe you're not starting out. Gimme a call anyway - 698-8633



Apple II Software News

by Tom Gates - Software Director

A

reminder to our club members. The Ξ DOM's sold by this club are \$10 for 3.5" and \$6 for 5.25" to non-members. Members benefit by buying

at the discounted prices of \$5 and \$3 respectively. Because of some complaints received, the people that help sell the club's disks will be checking more closely for membership ID. This can be either in the form of your membership card or a current newsletter and a personal ID. Please do not be offended if you are asked for your ID. It is your membership benefits we want to ensure. Remember to also include your membership number in any requests for software by mail.

There were some questions raised as to how to go about getting club software if you are attending branch meetings at which the Ξ DOM's are not available. The coordinators of the branch meetings will be sent "DEMONSTRATION ONLY" copies of the current software. They will then be able to show you these programs and allow you to become familiar with the contents of the disks. If you would like a particular disk, give your name and address along with payment for the disk(s) (please make checks out to Mini'app'les) to the coordinator. The coordinator will contact the Ξ DOM sales person the following day and your disk(s) will be mailed to you. Because you have purchased these disks at a club meeting, please do not include the extra \$1 mailing charge per disk. I hope this will help out with some of the problems that have been encountered.

An update on the "Talk Is Cheap" update to version 2.03. I have gotten some calls about the updated version of "Talk Is Cheap". Seems some people have been having some problems when they add ProDOS to the disk to make it a bootable disk. They are getting a message "System file not found".

I guess I have been using Squirt too long to run ProDOS applications and overlooked the fact that the system file on this disk was called TIC, period. Squirt will look at the directory information and give you a list of files with a type of "SYS". The ProDOS startup routine, on the other hand, looks through the directory for a file ending in ".SYSTEM". Rename the file "TIC" to "TIC.SYSTEM" and all will be happy.

Ah, but the questions did not stop there. How do you access the neat new terminal

definitions and macro keys, you ask? You just press "⌘-?" and... wait a minute, nothing happened! Yes, I did it again. Please go into the "Manual setup options" (⌘-M) and set the directory (option 1) to "/TIC.203". This is the ProDOS volume name and/or the directory in which the macro keys are defined. Then quit the program and restart. You will now have access to the macro keys and terminal definitions.

Anyone getting "Talk Is Cheap" version 2.03 before April 2, 1988, will have to make these changes. All club versions since April 2 have been corrected.

"Sorry 'bout that chief, it will never happen again." - Maxwell Smart

There have been several requests about getting 5.25" software on 3.5" disks. This is what will be done. On a request basis, I will put two 5.25" ProDOS format disks, of your choice, onto a 3.5" disk and return them to you by mail. The fee will be the same as for the 3.5" Ξ DOM's, \$10 or \$5 plus \$1 per 3.5" disk for shipping. Please give me a written request along with payment at one of the meetings or send it by mail to the club's PO Box, attention Ξ DOM sales. In most cases I will have these in the mail to you the next day after receiving your request.

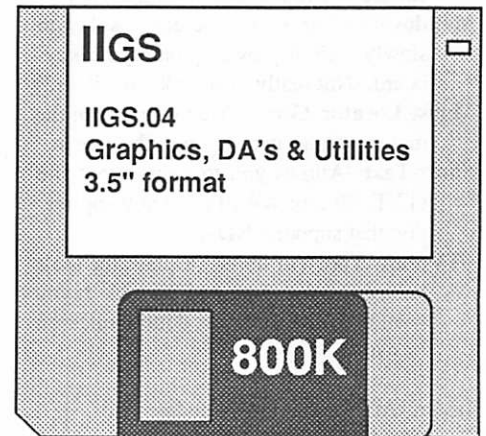
It has been heard through the grape-vine that the International Apple Corps may be closing its doors soon. These are the folks that have provided the club with the IAC disks over the years. They will be missed as a source of Public Domain and ShareWare programs. We are already pursuing other means of providing the club members with good quality software. We are hoping a couple of firms in Texas and California will help us to pick up the slack, as well as continued support from all the other Apple clubs and private individuals. I sincerely hope that the word of their demise is premature.

This may be a good time to also remind members of the club's policy to give you coupons good towards free Ξ DOM's when you provide us with programs that can be used for Ξ DOM'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 made available to the club. Your help is always appreciated.

Well, spring is here, the weather warm, and another war with the dandelions is in full gear. So I'll end it here. We have a couple of excellent disks this month. So please look for reviews elsewhere in the newsletter for a reading skills program for young readers from Phil Shapiro in Washington, DC. And the first in a

series of what I think are dynamite IIGS disks containing desk accessories, graphics, utilities and more. Enjoy!

Until next time...



review by Tom Gates

This disk is the first 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 FreeWare programs now available. 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.

Classic Desk Accessories (CDA's) includes:
ASCII Table Displays a 2-page ASCII conversion table including hex, binary and decimal equivalents.

HDB Convert Enter a Hex, Decimal or Binary number and this CDA will convert it to the other number bases for you.

Pic Save Saves displayed Super Hi-Res graphic as a SC1 file.

PW Fix Some PaintWorks fixes.

Visibell Changes the system warning BEEP. Instead of the BEEP, the border of the screen flashes.

New Desk Accessories (NDA's) includes:

Alarm Clock Set alarm clock to beep at a particular time of day.

Deluxe Paint Some additional accessories for those of you that use Deluxe Paint. Adds brush, perspective and plot commands.

GOTO 10

Software Review, concluded

Desk Pat Have you ever wanted to know just what your desktop would look like with a plaid background? Well, here's your chance to edit the Desktop Pattern.

Meltdown Causes your screen display to slowly melt drip by drip onto your keyboard. (Not really, just looks like it will)

Mouse Locator Give X,Y coordinates of the mouse pointer in relation to the screen.

Show Text Allows you to view a text file (TXT, SRC or AWP) from any application that supports NDA's.

STVShow Tool Versions Displays the tools loaded and the version of the tool. If you want to load a tool, just double-click on its name.

List of Utility programs includes:

Boot Slot 6 By selecting this application from the desktop, you can force the system to boot from Slot 6. This works great if you are trying to start up a DOS 3.3 application when you have finished a ProDOS 8 or 16 application.

CTRL Now This routine frees you from having to power down to force a change to your system setup. Set your slot assignments or ramdisk size etc. in the control panel and then run this program.

Install DA This has got to be the neatest utility I've seen next to Two-Apples (see next month's software write-ups for this one). Tom Stechow of TES Systems has made all IIGS DA users happy. No longer do you have to add all those CDA's or NDA's into that darn system folder. Just select this application from the desktop then select the DA's you want from your favorite DA collection disk. Presto! The DA's are loaded and available from either the control panel or the Apple menu. You won't know how you ever lived without this one.

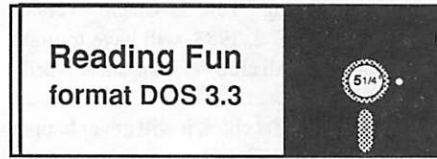
Start Pic After adding this program to your SYSTEM.SETUP folder and adding the files PICTURE.A and PICTURE.B, you will be greeted with Super Hi-Res graphics the next time you start up ProDOS 16. Any SHR graphic with a file type of SC1 can be put into the SYSTEM.SETUP folder. Just name them PICTURE.A thru PICTURE.x. StartPic will alternate through the different pictures on each startup. I think you will enjoy the 2 startup pictures that have been included.

ST GS Atari to GS graphics conversion utility. This one claims to be 4 hours (!) faster than the one above. This

program claims to convert files in 20 seconds.

List of graphics (type SC1) includes:

KADAFFY.DUCK
ANGEL.FISH
BROOK.SHIELDS
N.KINSKI
VANNA.WHITE



*Contributed by: Phil Shapiro
 Washington, DC*

One of the best kept secrets about Apple // is the amazing power of the Applesoft SPEED command. Even a beginning programmer can compose an amusing, interesting reading selection using the SPEED command.

A few months ago I decided to explore what could be done with the Applesoft SPEED command. The shareware disk titled "Reading Fun" contains fifteen of these text-display programs.

The disk starts out with my personal favorite, a short story titled, "Drive Your Eyes". The story draws an analogy between reading speeds and driving speeds. The story itself progresses from "first gear", a slow speed of display, to "fourth Gear", where the text comes out so fast that you'll have to hold onto your hat.

Also on the disk is a short story titled, "Random Story", where the words of the story bounce out randomly all over the screen. Each time you run it, the story will look different from the time before.

About four of the programs on the disk were specifically written for young readers. (i.e., Second grade to fifth readers.) These programs give the users a choice of display speeds. The idea is for a beginning reader to read the selection slowly the first time, and then go back and read the selection at a faster pace. The second time around the reader ought to be able to include more of the words in the passage into his or her "sight vocabulary". Reading teachers talk about a person's "sight vocabulary" as those words which a reader immediately recognizes on sight.

Some reading teachers believe that strong readers typically have an enormously large "sight vocabulary", and that the most important skill in learning to read is to increase one's sight vocabulary. Whether this view is true or not, these programs will invariably improve

some facet of reading skills. If nothing else, they will give the reader's eye muscles a robust workout!

Some of the programs on the disk are whimsical; some are more serious. I've tried to include a good mix of the different types of programs I've experimented with.

Frankly, it seems as if we have a whole untapped field here. Previously, the display of text on the Apple's monitor has been limited to documentation for programs, and text-adventure games. But while these two applications are useful and interesting, there's no reason to stop at them. Why not display short biographies, or information-packed articles, or even poetry for apple users to read? People pay upwards of \$10 an hour to read text online, so why not create your own text-display programs?

The "Reading Fun" disk contains a brief program describing how to create your own text-display programs. All the programs on the disk are fully listable. Remember: a picture may be worth a thousand words, but a listing is worth a thousand pictures.

The disk also contains a full description of how the Applesoft SPEED command works. It can be a little tricky at first if you don't know how it works.

Most exciting, text-display programs can introduce beginning readers to the joys of reading. One program on the disk, titled, "Ten Reasons to Read a Lot of Books, Magazines, or Anything", is especially aimed at inviting young readers into the world of print we adults so often take for granted.

"Reading Fun" is a ShareWare disk; the author of the programs asks for \$12.00 if you decide you like the programs and want to keep the disk. The disk is not protected and copying/distribution to friends and colleagues is encouraged. The disk is a DOS 3.3 disk, with all text displayed in capital letters. Therefore the disk will run on the Apple // plus, as well as the //e, //c, and //gs.



Hang in there, CP/M'ers

Your Software Director is hard at work reviewing a catalog layout for the 92 CP/M disks of Public Domain material in the club's library. No promises here, but it may see the light of day in printed form.

Ask for it!

A. Nony Mouse



of HyperCartels, HyperCabals, and HyperBabble

By Michael Fraase

(Editor's Note: We are pleased to be allowed to bring you another one of Mike Fraase's FarceFilm™ articles (#53) and we thank Mike. Mike is no stranger to Mini'app'les having on several occasions spoken at our Mac SIG meetings)

Q

uestion: How many experts does it take to design and implement quality HyperCard stackware?

Answer: Six. One to do it, and five to tell her how. And they all *must* be marked with the HyperMedia Group brand.

The HyperMedia Group — some would call it a consortium. Others would call it a cabal or maybe even a cartel. Of the three 'c' words, I'd have to go with cartel — or more appropriately, attempted cartel — from what I've heard so far.

The HyperMedia Group was formed by Tay Vaughan as a spin-off of his Key Thinkers, Inc. and consists of 11 self-proclaimed HyperCard experts. The group bills itself as a one-stop shopping service for HyperCard consulting, design, implementation, and training. Although open to working with individuals and small companies, the HyperMedia Group is really going after the brass ring of the corporate market. This targeting is exemplified by Dan Shafer's (one of the HyperMedia Group experts and author of HyperTalk Programming) comment to the effect that as a covey, the HyperMedia Group avoids corporate aversions to hiring individuals. (Yeah, I know, Shafer's statement caused me to do a double take too.)

HyperCard luminaries taking part in the HyperMedia Group include Eric Alderman, Richard Antaki, Jim Edlin, Bill Gladstone, Jan Lewis, Steve Lewis, Suzanna Lewis, Steve Michel, Ron Pearson, Dan Shafer, and Tay Vaughan.

According to Jan Lewis, co-publisher and editor of HyperAge, each stackware project requires a minimum of six bodies: a system designer, story boarder, programmer, designer and/or layout person, graphic artist, and an information provider. Gee, and all this time you thought you could do it yourself. Apparently, according to the HyperMedia Group, individuals are incapable of producing quality stackware. Further, they would have us believe that HyperCard isn't useful as anything other than as a vehicle for product design and implementation by committee.

Evidently, it also takes that same magic

number of bodies, six, to author a book on HyperCard — six of the HyperMedia Group are hard at work on a single book for Que Publishing on HyperCard. I always thought a single appendage and a mind that was hitting on anything more than two cylinders were the only prerequisites.

Disturbing Trend

Why am I so harshly criticizing the formation of the HyperMedia Group? For a variety of reasons.

First and foremost, the Macintosh community has no need for self-appointed "expert cartels." I find this cabal/cartel trend as distressing as Apple's continued turning its corporate back on the individual Macintosh user.

Secondly, how many names of the "experts" involved with the HyperMedia Group do you recognize? Notable absences include Danny Goodman, and anyone even remotely involved with the actual HyperCard project. It's absurd to even begin to speak of HyperCard experts (outside of anyone actually involved since its inception) six months after the product's debut. Rather like universities that advertise on match-book covers, this organization smacks of something not worthy of consideration.

Thirdly, oh hell, who cares about thirdly... you get the picture. Besides, Jesse Jackson, the Arts & Farces candidate of choice, won our precinct's caucus last night and came in a solid second statewide; there's hope for a Jackson/Simon ticket yet. There are more important things going on than a bunch of self-appointed

experts prancing around styling in front of the mirror of this community. Who cares?

The Flip Side

The HyperMedia Group has accomplished one thing of merit. The media stack for HyperAge was designed and coded by the would-be cartel and is both innovative and impressive. The sense of design aesthetic is worthy of mention in and of itself and the stack is a fine example of a communications application of hypermedia, although I see no evidence of its "already being widely imitated" as claimed by the group.

Come to think of it, I guess the HyperMedia Group has accomplished something else, as well — they gave me something to write about this week.

Back Talk

Chuck Farnham's laptop Macintosh story which broke this week in PCW Communications' Macintosh Today promises to turn up the heat on the tabloid competition burner to the point that the soup may well boil over. If you haven't seen the piece, go to your local post office and sift through the trash for a discarded copy (that's how our mystery reader, "Tonka Bay Guy," used to do it). It blows the lid completely off Apple's laptop project as well as pointing to the future of Apple's near term technology plans.

Although the issue leads the reader to believe that Daniel Farber and Cliff Barney

GOTO 14

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APPLE II FAMILY

RF Modulator Available

Q: Want to hook your II, II+, or IIE to a TV?

A: [Contributed by Ken Bowden, The Computerroom, Charlotte, NC]. Sources for an RF modulator for the II, II+ and //c are getting scarce, but there is at least one still available that we are aware of:

MEMORY PLUS DISTRIBUTORS,

Mesa, AZ 85202,

(602) 820-8819

Price: \$19.95 + \$3.00 shipping and handling

Parallel Cards - Old and New

Q: In the 3/11/88 issue of Tech Tidbits, you mentioned two versions of the Apple Parallel interface card. How can I identify which is which?

A: The newer card has a bank of seven switches, while the earlier card has no switch banks.

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?

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

MACINTOSH FAMILY

Mac II On End

Q: Many of my customers are asking if they can use their Macintosh™ II standing "on end", particularly with the Kensington product which was designed just for that purpose.

A: Apple does NOT recommend that the Macintosh II CPU be used standing on end. The CPU was designed to lay flat on its rubber feet. On page 18 of the Macintosh II Manual that is shipped with each CPU it states:

"WARNING: Always keep your computer's main unit flat, sitting on its rubber feet. Standing it on edge defeats the cooling design and is likely to make your computer overheat. This may eventually damage the main unit."

There has been NO change in this policy or warning, and anyone who uses his CPU on end is doing so completely at his OWN risk.

PRINTERS

Bad Scanner Printout

Q: I have a LaserWriter® that has a strange problem. When printing a page everything starts out O.K. on the left, but the print quality degenerates progressively toward the right margin. Specifically, vertical lines become jagged, not straight. In printing out a page of vertical lines, the lines on the right are actually rippling down the page, although the first few lines along the left margin look fine. Is this due to some voltage problems - in other words, do I call an electrician or do I haul in the Laser to the dealer for repair?

A: What you are looking at is most likely the result of a bad scanner unit. You will have to take your LaserWriter to your Apple Authorized dealer for repair.

Iigs and ImageWriter LQ

Q: One of my customers was having problems connecting up his ImageWriter® LQ to his Iigs, and I checked page 4.18 of the Peripheral Interface Guide, but ran into some problems. On Page 4.18 it shows that 19200 baud setting as standard, and says to set DIP switch 2, numbers 1 and 2 to ON, then to set the printer to 9600 baud. On page 4.19, however, it shows Dip switch 2, numbers 1 and 2 as ON and OFF,

and says to change the default printer port setting to 10200 baud. I'm lost!

A: The two references are confusing, however by referring to page 188 of the LQ manual, we find the following:

DIP Switch 2-1 and 2-2 control the baud rate. If switches 2-1 and 2-2 are ON, the baud is set to 19200. If switches 2-1 and 2-2 are OFF, the baud is set to 9600. So, it would seem that if you are configuring according to page 4.18 of the PIG, you need to turn SW2-1 and 2-2 to ON (Closed) and set the printer for 9600 baud. If you are configuring according to Page 4.19, another option, you set SW2-1 and 2-2 to OFF (Open), and set your printer for 19200 baud.

The Apple Iigs is the only CPU in the Apple II product line that is capable of handling 19200 baud transmission.

Multiple Copy Print from LaserWriter IISC

Q: It seems that when I choose to print multiple copies of a document in the Print dialog box of my LaserWriter IISC, only one is printed.

A: You may not be using the correct version of the System File: System 4.3 is included with the SC and must be used for proper operation of the printer. Only users who have a LaserWriter IISC need to have this version of System. It is not necessary for other users and contains no other benefit other than support for the LaserWriter IISC.

LaserWriter IISC and the Chooser

Q: After connecting a LaserWriter IISC to my Macintosh, I am unable to select it in the Chooser. After selecting the IISC icon in the left window of the Chooser, it never appears in the right side window, and therefore can't be selected. Is there a new version of Chooser?

A: No. The only devices that will appear in the right-hand window of the Chooser are those capable of being networked. Since the LaserWriter IISC is not capable of being networked, it does not appear in the window. Directly above the window, however, you should see "LaserWriter IISC Selected" once you have made the correct icon selection in the left-hand window of the Chooser. You can now quit the Chooser, and proceed with your printing.

Double Feature at the Mac Bijou

by Tom Edwards
April 1988 Mac User Meeting

So, you think that the only dot matrix printer you can hook up to your Mac is an ImageWriter, huh? Not so, as *Dick Marchiafava* took us through the tractor configurations, dots and functions of the C. Itoh C310 and C315.

Do you remember Dr. Doolittle and the Push me-Pull you? That's the first thing I thought of, as Dick showed how the tractor could either push or pull the paper through the printer, with little more than a flip of a lever to switch gears.

The first feature...

C. Itoh released this little gem (Whoops!, Pardon the slip!) almost a year ago, but never got around to telling folks that it was compatible with the Mac. That's strange, for C. Itoh MAKES printers, such as the ImageWriter, for Apple. They are perhaps the world's largest maker of printers, with several divisions bearing names that are familiar to computer folks.

Dick coaxed a printer out of the distributor for a review. Not having a Mac himself (get with it, Dick!) he arranged to get it into the hands of *Dave Stovall* for a trial by fire. After suffering through the typical this-cable, that cable, which cable? circus, Dave got it running to test it out. He found that it was, indeed, very friendly with the Mac. It sports good paper handling abilities, a 9-pin printhead and front panel configuration switches... none of them the DIPpy kind. All of the dots laid down on the paper were aligned with each other just where they ought to be. In fact, Dave liked the graphics *better* than the ImageWriter, because the printing was uni-directional in the "Best" mode. This kept vertical lines very straight, avoiding any tendency to wander left-right with the direction of printhead travel. Final output sizing was also "right on", according to stickler Dave.

Naturally, every silver lining has a little cloud. This one involves the left-right orientation on the page... the margins. Try as he might, he couldn't get the tractor feed located quite far enough to the left, placing the output just an eighth of an inch too close to the left paper edge. Another frustration was with vertical alignment, requiring that you "waste" a sheet of paper to get tractor-feed stock to print within a quarter inch of the top paper edge. Of course, the ImageWriter suffers from this same malady, too.

Price? 'tween the // and the LQ: \$749 for 10", \$949 for 15" list, discountable by about

20% to club members ordering from Dick. Color option available, but not AppleTalkable. (Full review can be found in the November '87 Macazine.) Thanks, Dick and Dave, for yet another extension to our Mac horizons.

Gettin' to the second feature...

The brothers Karamotzoff... no, scrub that... the brothers *Solheim, Dave* and *Jerry* to be precise... jumped right into the second feature. (You had to hurry, if you wanted to get a Caramello during intermission!) They gave a tour through the **Insight Accounting** program from Layered Software. Being CPA's in the business of setting up accounting systems for small business customers, and often suggesting Insight as the program to use, gives them a practical base from which to judge the merits of this still-developing program.

This is a "modular" set of accounting tools, each functional as a stand-alone but offering added convenience as modules are linked together. Currently, there's the General Ledger, Accounts Payable and Accounts Receivable, ready to be integrated into a company's financial picture. Soon to come is an Inventory program that will meld much of this information together with a higher degree of automation. Other planned modules include Job Costing, often a mainstay of many a small business.

Jerry touched on the ways that Insight provides relations, graphics, automatic entry of recurring entries and many report and customization opportunities. Although entirely usable by a small, even one person, business, the limits of the program are set by available disk space, not company volume. The programs are multiuser adapted, functioning under AppleShare. At \$595 to \$695 a module, the Insight series offers a very flexible and friendly group of accounting modules for a business looking to computerize their accounting... and they run on the Mac!

The Travellog...

Got a question? Got an answer? The good ol' Q & A part of the meeting is where we try to put the two together, and the April meeting had its share of match-ups. Here's a sample:

- Anyone using Guide? Sonar? Someone wants to compare notes on these programs.
- **InHouse Accountant?** Yep, there was a match here.

- **TermWorks** tends to "freeze" on one user. Check for the latest version and/or replace your program and try again.
- **Ad Maker**, a program from the folks who brought you *The ComicStrip Factory*, is making the rounds in beta test. Look for a presentation at a future Mac Users meeting.
- "Virus" infection warning. Check your DeskTop for hidden files, especially one named Spores. It's bad news and a file destroyer. (Who are these pond scum that come up with this stuff?)
- **Microsoft Works** may be making a similar impact as has **AppleWorks** on the //. If you are interested in the program, check with Ed Spitzer on the possibility of forming a S.I.G.
- **HyperCard** users can avoid extra disk swaps by going through the "Home" card when switching stacks.
- Those who obtained a copy of HyperCard 1.1 from **Hagen Office Equipment** should look out for a bug in the password routine. You may have a copy that is missing a sector or two, leaving you locked out of your stack if you try to set a password.

And now the cartoon...

Remember a meeting or two back, when we missed the chance to see Apple's CD ROM? *Tim Hromi* tried to lay all of the blame on fellow officemate *Curtis Juliber*, claiming he "locked the software in his desk." Curtis showed up tonight to defend himself. Says that ain't so... it was right there on top of the desk. Tim must be getting old and his vision failing. If it isn't 72 dpi, he can't see it! Really, I have a hunch Tim just took the whole thing home to listen to his latest Led Zeppelin CD.

I guess we'll just have to hope that the Apple locals take pity on us and come up with another chance to see what Apple has wrought with this CD thing.

Coming attractions...

What's on the future feature list? Gosh, a whole lot of stuff. A return engagement from *Doug Clapp*, for one thing. How about a Mac DTP S.I.G.? Are YOU interested? Want more Stacks and eDOM's? Then *Joe Carrol* could use your help to put them together. Lend a hand. Get the new Board of Directors off to a healthy start. (You did vote, didn't you?)

More bytes later...
TWE



Smoothing Out the Curves

by Tom Edwards

April 1988 Macintosh Computer Art and Design (MCAD) Meeting

Seen any good pictures lately? Those with all of the smooth curves, subtle shadings and fancy text effects? That's just the kind of thing that turns this group on; artsy uses for the Mac. Just exactly what *Joy Kopp*, MCAD S.I.G. coordinator had in store for this April meeting. *Barbara Van Nest*, from **First Tech**, cooperated by bring a Mac II and the new **Aldus "FreeHand"** program out for a demo.

FreeHand lets you build PostScript files from your artwork. This means that what you end up putting down on the paper is at the resolution of the output device that you are using... you get much sharper images than the venerable ImageWriter, and even can out-do the LaserWriter. Not only that, but you can

work with colors (viewable on the Mac II with a color screen!) to add visual impact to the printed piece.

Barbara gave us a grand tour of the menus. Aldus sure has packed a lot of functions into this program. Everything from custom line specs and cookie cutter masking to grayscale editing. No wonder this thing works best on a II, and the more memory the better. Thanks, Barbara, for the demo of this new program from Aldus.

Soon, at an answering machine near you...

Joy announced that she and *Carol Stenborg* are working on a way to keep you informed of

up-coming programs. Their techie idea is to have an answering machine loaded with the information on the next MCAD program. To get the latest, all you'll have to do is dial in and listen. (I wonder if this will be like one of those 976 numbers. If I'm not careful, I'll get the Party line or my daily horoscope!) Watch this space for more details.

More bytes later...

TWE



HyperCartels... Concluded

uncovered the story and Farnham only did the technical analysis, this is simply not the case. Farnham rooted out the story from a disgruntled Apple employee all by his lonesome. Farnham was subsequently inundated with requests for the information and offers of fame and fortune to leak the story to other writers and publications. We're talking big time here publications, *Newsweek* and venues like that, none of this inbred special market stuff.

And that's what this Back Talk is about — Farnham's integrity epitomized by his refusal to release the story to the highest bidder. Our collective hat's off to you, Chuck, ya done good — maybe this will keep you out of the dumpsters for a while.

Oh, and Apple, if you want to plug leaks (this one is so big it can't even be called a leak) like this, treat your employees better. When I talked to Farnham last week when I knew the story was going to break and congratulated him on his refusal to sell out, his response was, "I don't do this for the money, I do it because it's fun." You guys at Apple would do well to take a long look at this kind of motivation. As a good hint for a starting place, consider that it's got nothing to do with stock options. Remember when you guys wanted to change the world?

Whitmer, Clair. "HyperMedia offers a one-stop shop for HyperCard expertise." *MacWEEK*, Feb 23, 1988.

ibid.

This is a quote from the file description notes on CompuServe's MAUG.

Farber, Daniel and Barney, Cliff. "First look at laptop Mac." *Macintosh Today*, Feb 23, 1988. And Farnham, Chuck. "Laguna specs push technology." *Macintosh Today*, Feb 23, 1988.



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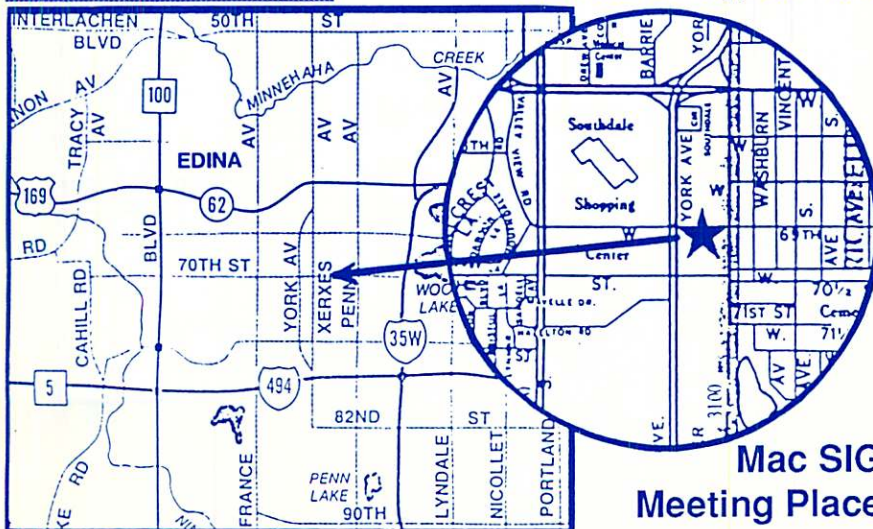


Swap Meet

June 11

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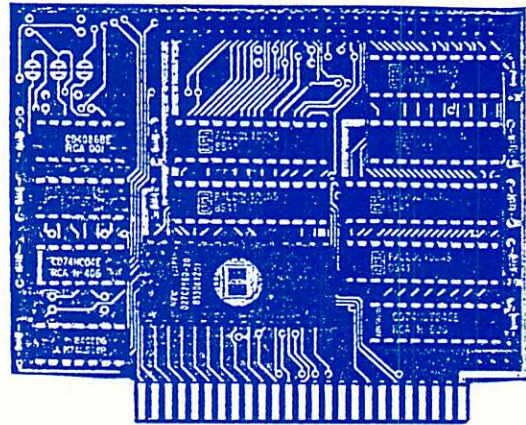
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