

Mini'apple's

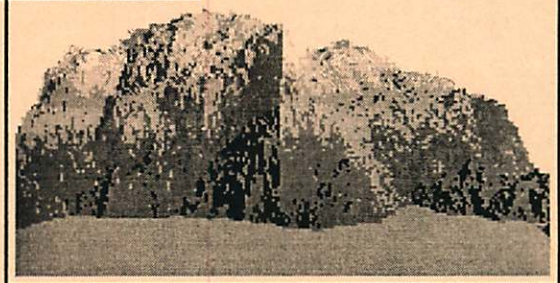
Minnesota Apple Computer
Users' Group, Inc. \$2.00

Newsletter

Bargains in this issue:

Free CD offer, Newton
Necessities, Trekkie Trivia,
Planetarium on Disk, and...

Fractal Dreamscapes



January

Events

Sun	Mon	Tue	Wed	Thr	Fri	Sat
2	3	4	5	6 MINI-APPLE'S 7pm	7	8
9	10 7am 7pm	11 6:30	12	13 7pm 7pm	14	15
16	17 7pm	18 7pm	19	20 7pm	21	22
23	24 7pm	25	26	27 7pm	28	29
30	31					

MINI-APPLE'S
Board of Directors - Mini'apple's
Members Welcome - Penn Lake
Lib, 8800 Penn Ave. S., Blmngtn -
Greg Carlson, 544-8252

Mac Consultants SIG - Breakfast
for your Head - Nora's Restaurant,
3118 West Lake St., Mpls - Mike
Carlson, 377-6553

Apple II/GS Main - Augsburg Park
Library, 7100 Nicollet Ave.,
Richfield - Erik Knopp, 636-3244

ClarisWorks SIG - Corn Module -
Norwest Bank, 5320 Lyndale Ave.
S., Mpls - Denis Diekhoff,
920-2437

HyperCard SIG - Resources;
where to get them, how to move
them - East Lake Lib., 2727
E.Lake St., Mpls - Peter Fleck,
370-0017

Macintosh Main - Randy
Richards, WordPerfect - Penn
Lake Lib, 8800 Penn Ave. S.,
Blmngtn - Mike Carlson, 377-6553

Apple II Novice SIG - Murray Jr.
High School, 2200 Buford, St. Paul
- Tom Gates, 789-1713

FileMaker Pro SIG - Highland
Park Lib., 1974 Ford Pky, St. Paul
- Steve Wilmes, 458-1513

Macintosh Novice SIG - Highland
Pk Lib, 1974 Ford Pkwy - Tom
Lufkin, 698-6523

AppleWorks SIG - AppleWorks 4
- Murray Jr. High, 2200 Buford, St.
Paul - Les Anderson, 735-3953

4th Dimension SIG - Metro II,
1300 Mendota Hts Rd, Mndta Hts
- Bob Demeules, 559-1124

Macintosh DTP SIG - details
pending - Bob Grant, 827-6294

Mac Programmer's SIG - details
pending - Gervaise Kimm,
379-1836

Programmer's Workshop -
details pending - Keven Kassulker,
535-2968

About the Newsletter:

This is the Newsletter of Mini'app'les, the Minnesota Apple Computer Users' Group, Inc., a Minnesota non-profit club. The whole newsletter is copy righted © by Mini'app'les. Articles may be reproduced in other non-profit User Groups' publications except where specifically copyrighted by the author. (Permission to reproduce these articles must be given by the author.) Please include the source when reprinting.

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(612) 571-2437

Advertising – call Keven Kassulker at 535-2968, or Lance Weber at 542-9331, or Denis Diekhoff at 920-2437.

Article Contributions – Please send contributions directly to our Post Office, Box 796, Hopkins, MN 55343 or upload them to our BBS at 892-3317.

Deadline for material for the next newsletter is the 15th of the month. An article will be printed when space permits and, if in the opinion of the Newsletter Editor or Manager, it constitutes material suitable for publication.

Helping Hands:

Calendar Updates	Erik Knopp	636-3244
AppleLink Liaison	Tom Mehle	—
"Good Deals"	Ken Slingsby	(507) 263-3715
Advertising Help	Lance Weber	542-9331
Advertising Help	Denis Diekhoff	920-2437
Graphics Contributor	Roy Sorenson	870-7366
Graphics Contributor	Sam Goshorn	827-4948
Mail Distribution	Wayne Couillard	—
Indispensible Resource	DTP Exchange BBS	633-8406

Help Wanted:

Publisher/Editor	<i>volunteer!</i>	call Keven, 535-2968
Mac Editor	<i>volunteer!</i>	call Keven, 535-2968
Apple II Editor	<i>volunteer!</i>	call Keven, 535-2968
Graphics/Photos	<i>volunteer!</i>	call Keven, 535-2968
Advertising Director	<i>volunteer!</i>	call Keven, 535-2968
Ad Rep. – Twin Cities	<i>volunteer!</i>	call Keven, 535-2968
Ad Rep. – Statewide	<i>volunteer!</i>	call Keven, 535-2968
Ad Rep. – National	<i>volunteer!</i>	call Keven, 535-2968
Ad Rep. – your neighborhood		<i>call now!</i> 535-2968

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About the Club:

Mini'app'les is a non-profit organization dedicated to the dissemination of information about Apple computers and related products, and to facilitate the sharing of knowledge, among members at large, concerning computers in general.

Mini'app'les Board of Directors

President	Gregory L. Carlson	544-8252
	8216 32nd Ave. N. Crystal, MN 55427	
Vice-President	Tom Gates	789-1713
	3425 Wilshire Place Minneapolis, MN 55418	
Secretary	Leroy Sorenson	870-7366
	308 W. 22nd St., apt.101 Minneapolis, MN 55404	
Treasurer	Jacque Gay	722-1239
	5226 W. Nokomis Pkwy Minneapolis, MN 55417	
Membership Director	Bob Demeules	559-1124
Operations & Resources	Allen Mackler	424-8889
Publications Director	Keven Kassulker	535-2968
	7779 48th Ave. N. New Hope, MN 55428	
Software Director	Samuel Goshorn	827-4948
SIG: Macs	Wade Brezina	(715) 485-3585
SIG: Apples	Erik Knopp	636-3244
Past President	David E. Laden	488-6774

Questions – Please direct questions to an appropriate board member. Users with technical questions should refer to the Members Helping Members section.

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.

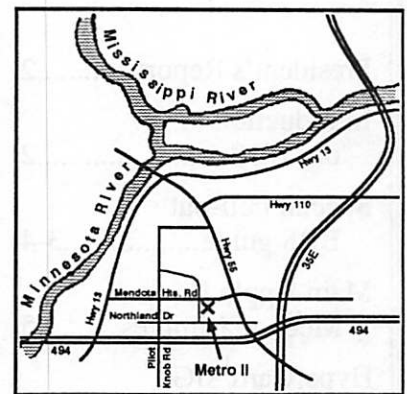
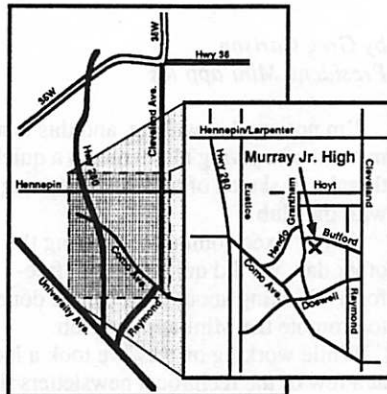
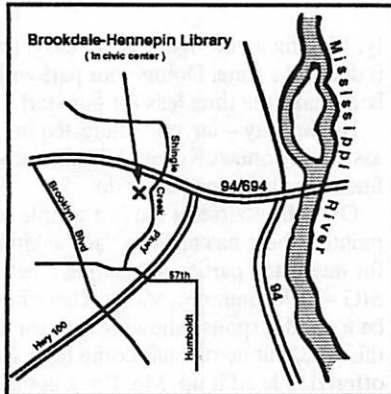
Mini'app'les BBS (Mini'info'net) – 892-3317,
24 hours: 8 data, 1 stop, 0 parity

Mini'app'les Voice Mail – 229-6952

Meeting Information – Please phone calendar dates and changes to: Erik Knopp at 636-3244.

Newsletter Queries – call Keven Kassulker, 535-2968

Meeting Maps...



Members Helping Members

Need Help? Have a question the manual doesn't answer? Members Helping Members is a group of volunteers who have generously agreed to help. They are just a phone call away. Please call only during appropriate times, if you are a Member, and own the software in question.



Roy Sorenson

<u>Apple II</u>	<u>Key</u>	<u>Apple IIGS</u>	<u>Key</u>	<u>Macintosh</u>	<u>Key</u>
AppleWriter	2	AppleWorksGS	15	Adobe Illustrator	21
AppleWorks	2, 23	APW	20, 23	Beginners	13, 14, 18
Ascii Express	3	Complete Pascal	10	Canvas	5
BASIC	5	Delux Paint II	23	FileMaker II, Pro	1, 17
Dazzle Draw	23	General Information	3, 10	Freehand	22
DB Master	7	Graphic Writer II/III	15	General	14, 17, 18
Educational Software	23	GS/OS	3, 10	Helix	16
General Information	23	HyperStudio GS	3	HyperCard	6, 9
Home Acc'n't	20	Merlin 16+	15	MacDraft	5
PublishIt!	23	Mousetalk	15	MacDraw	5
ProTERM	23	PaintWorks Plus/Gold	15, 23	MacPaint	5
Quicken	23	Prosel	2	Mac OS	4, 18
Talk Is Cheap	3	TML Basic	3, 10	Microsoft Excel	5, 6, 17
TimeOut	2	TML Pascal	3, 10	Microsoft Word	4, 5, 6, 14, 17
TO Graph	2	Writer's Choice	15	Microsoft Works	11, 17
				Networking	5, 6, 13
		<u>Apple III</u>	<u>Key</u>	PageMaker	4, 6, 17
		General	12	PostScript	8
				Power Point	5
				QuickBasic	5, 6
				XPress	21

If you would like to be a "Members Helping Members" volunteer, please leave your name & phone number on our BBS or leave a voice-mail message at 229-6952.

- | | | | | | | | | |
|-----------------|----------|----|--------------------|--------------|-----|--------------------|--------------|-----|
| 1. Steve Wilmes | 458-1513 | E | 9. Peter Fleck | 370-0017 | DEW | 16. Arnie Kroll | 433-3517 | E |
| 2. Tom Ostertag | 488-9979 | E | 10. Randy Dop | 452-0425 | EW | 17. Michael Foote | 507-645-6710 | DEW |
| 3. Tom Gates | 789-1713 | EW | 11. Ed Spitzer | 432-0103 | D | 18. Richard Becker | 870-0659 | EW |
| 4. Tom Edwards | 927-6790 | E | 12. Bob Rosenberg | 377-4300 | EW | 20. Steve Peterson | 922-9219 | EW |
| 5. Earl Benser | 884-2148 | EW | | 340-0234 | D | 21. Jodi Roste | 933-1698 | EW |
| 6. Dan Buchler | 435-3075 | E | 13. John Hackbarth | 715-246-6561 | D | 22. Nancy McClure | 227-9348 | DEW |
| 7. Ann Bell | 422-1115 | E | 14. Jim Horswill | 379-7624 | DEW | 23. Rand Sibet | 566-8571 | EW |
| 8. Fritz Lott | 377-3032 | E | 15. Tom Michals | 452-5667 | DEW | | | |

D-days (generally 9 a.m. to 5 p.m.), E-evenings (generally 5 p.m. to 9 p.m.), W-weekends (generally 1 p.m. to 9 p.m.). In any case, call at reasonable hours and ask if this is a convenient time for them. We appreciate your cooperation.

Contents

President's Report	2
Introduction to our BBS.....	2
Special pull-out BBS guide.....	3-4
Main Apple II Meeting Minutes	5
HyperCard SIG Report.....	5
Board of Directors Meeting Minutes	6
News from the Software Director.....	7
Good Deals.....	8
Mac Insiders.....	10
TypeSet Review	11
Advertisers' pages	12-13

President's Report December 1993

by Greg Carlson
President, Mini'app'les

I'm not good at writing, and this is my method of a giving all members a quick thumbnail sketch of what is happening with the club.

At our Exec committee meeting the other day, we did quite a bit of "free-form" thinking about what can be done to promote the Mini'app'les club.

While working on this, we took a look at a few of the reciprocal newsletters that we get from other Apple clubs throughout the US. They had a few ideas that I would like to talk about in the next few months.

As many of you are aware, we have been working on getting our newsletter out in a timely manner. To do this, we need cooperation from all of our contributors. You must provide your information in a timely manner! One other problem that we have had is that submitted articles are spread throughout the BBS. We cannot spend hours pouring through all of the various "rooms" of the BBS to find an article. If you wish to submit, please send it to the file transfer area under "For Future Newsletter". Our newsletter staff can then pick it up easi-

ly. Making a newsletter is not easy, and it does take time. Doing your part will help make the time less for our staff.

By the way – anyone interested in assisting, contact Keven. I think he can find something for you to do.

Over the course of the last couple of months, there has been an "ad" asking for interested parties in heading a new SIG – Telecommunications. There has been a good response showing interest in this SIG, but no one has come forth and offered to head it up. Me, I'm a good clearing point, but am somewhat ignorant about telecommunications. I've managed to get someone who would be willing to help, but he couldn't commit the time necessary to head this up. Anyone interested, please contact me (either for interest in the SIG, or helping to head it up).

Another item – I'd like to thank Wayne Couillard for doing the mail pickup for us. He has come up with an ingenious way to provide mail to us in an inexpensive and timely manner. Kudos to Wayne!

Well, that's about it.

Greg 🍏

The Mini'info'net – An Introduction

By Tom Gates

Welcome to an introduction to the Mini'app'les computer BBS system known formally as Mini'info'net. Through a short series of articles in our newsletter I hope to acquaint members to the features and layout of our system.

The basic reason behind doing this is that part of the discussion that has fueled the beginnings of a search into a possible alternative to our current BBS system has been a lack of understanding of what's available now. So, at least while the search is on to consider a bigger and better system, I thought we could at least take a better look at what we've got today. Maybe knowing what we have now will make the transition more simple to another system in the future.

On the following page of this newslet-

ter you will find a "Quick Reference Command Chart" and a diagram of the current system layout. You can remove the page and keep it by your computer for reference to our BBS.

As I go through the series of articles we'll touch on how you initially sign on to the system, how it knows it's you, etc. And I'll cover each of the main areas of the BBS such as the Electronic Mail – or E-Mail – area, the Message Room areas where conversations take place related room topics and the File Transfer area. The File Transfer area contains a number of files to be downloaded by members broken out into Apple II, Mac, Tech Note areas, etc. Also in this area is the Newsletter Article upload section. Here is where members can most easily submit written articles to the newsletter staff

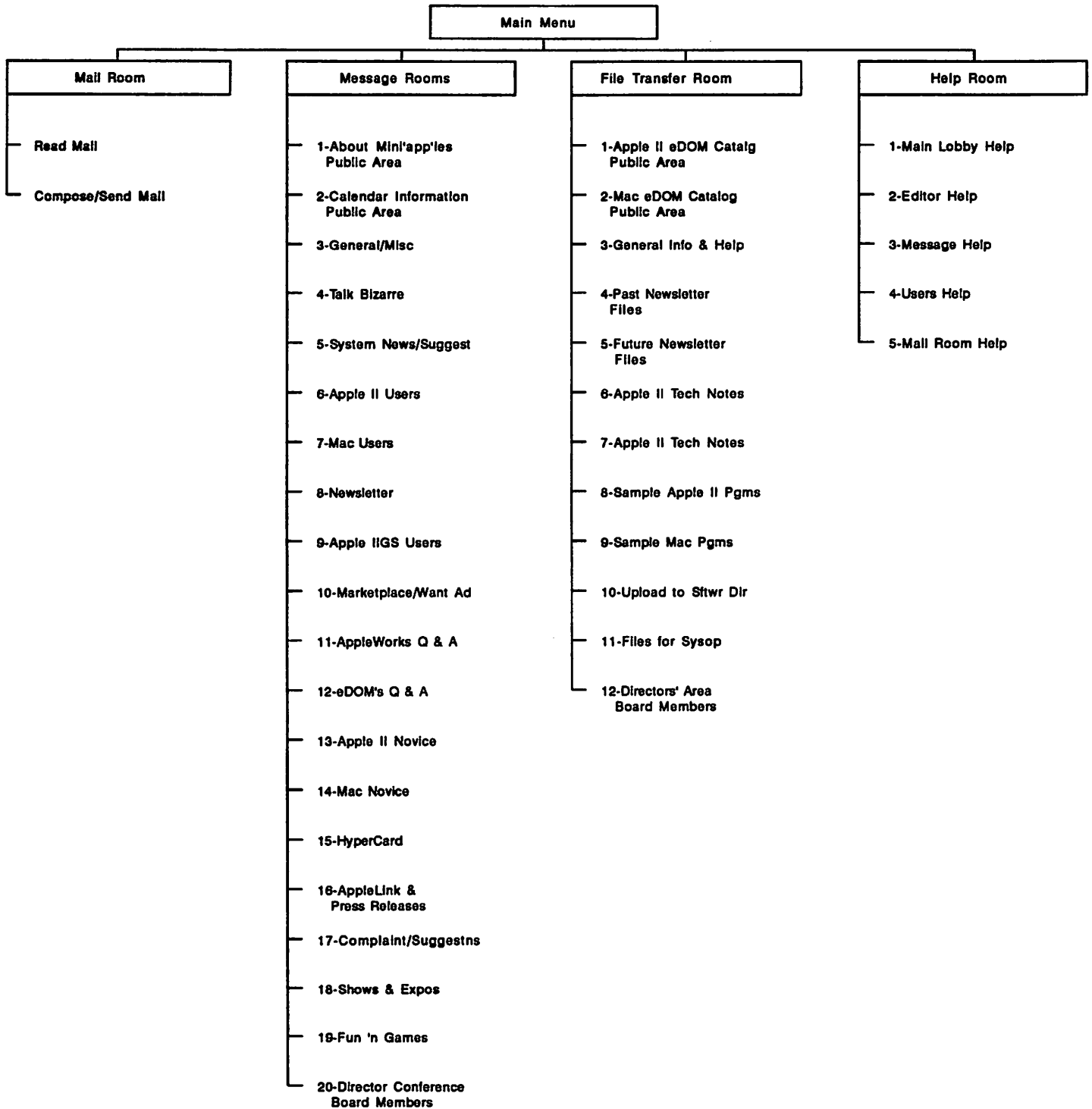
for inclusion in future newsletters.

I hope the members will find this series helpful in describing our BBS system and encourage more exploration on their part. It is a fun way of keeping in contact with other members in a format and manner that is convenient to you. The system is available 24 hours a day, seven days a week, so late owls (me) can easily communicate with the early birds and so on. Please give feedback on the series. Other areas to cover that may be missed, etc. Use the BBS for this, call me directly evenings at my home phone listed elsewhere, or leave comments on the Mini'app'les Voicemail system – also available 24 hours a day.

Enjoy, and Happy 1994! 🍏

Mini'info'net BBS

Minnesota Apple Computer Users' Group Inc.



(612) 892-3317 - 24Hrs - 300 to 2400 BPS - 8N1

Quick Reference Command Chart for Mini'app'les BBS

Main Menu Commands

[M] Goto to Mail Room (Send and Recieve private messages)
[B] Goto to Message Rooms (Read and Post public messages)
[X] Goto to File Room (Download and Update file to BBS)
[T] Terminate connection (Logoff BBS)
[H] Goto Help Room (Read Help Files)

[Q] Quick scan all unread messages in messages rooms
[L] List Log of todays callers
[V] List Yesterday's log of callers
[F] Send Feedback to the Sysop (Send private message to sysop)
[U] Search for account number, phone number, names of BBB users
[REF] Search all Message Rooms for message by its 'REF' number

[D] Define your system parameters and Display Characteristics
[E] Examine your system status
[P] Change your password
[I] Read System Information
[4] Read the latest System News

Mail Room Commands

[R]ead Enters READ mode of Easy Mail System
[R] READ all mail items
[A] AUTOMATIC-Reply to mail item
[F] FORWARD mail item to another user
[S] SAVE this mail item in mail box
[D] DELETE this mail item from mail box
[Q] QUIT back to main Read menu
[#] Read specific mail by Item Number
[Q] QUIT back to main Mail Menu
[C]ompose Enter Easy Mail editor in COMPOSE mail
[S] SEND mail, no receipt requested
[R] Send mail, RECEIPT requested
[Q] Quit Compose section, return to Main Mail Menu
[Q]uit QUIT Easy Mail, return to Main Lobby

Message Room Commands

[number] Read message 1 e 45 (read message 45)
[G]lobal Scan all rooms for new messages
[P]ost Post a public message in this room
[N]ew Read new messages this room
[F#]orward Read forward beginning at message # 1 e F4
[R#]everse Read in reverse order beginning at message # 1 e R4
[D]ate Date to begin reading from
[L]ist List the names of rooms
[J#]ump Jump to room # 1 e J4
[>] Jump to Next room
[<] Jump to Previous room
[K#]ill Kill message "You can only kill your own message"
[S#]can Display message headers start at message # 1 e S4
[B]rowse Search this room for messages by Subject or Author
[M]arked Display messages marked while using [S] or [B]
[H]elp Display help file
[Q]uit Quit back to Main Lobby
[T]erminate Terminate call

File Transfer Room Commands

[L?] List of Directories
[L] or [L#] Logon to new Dir#
[C] or [C#] Catalog Dir starting with #
[ID] Directory info
[>] Next Directory
[<] Previous Directory

[D] or [D#] Download file# via Xmodem
[U] Upload file via Xmodem
[V] or [V#] View a ASCII file#

[P] Change file transfer protocol
[I] or [I#] Info on file#
[K] or [K#] Kill your file#
[Q] Quit to Main Lobby
[T] Terminate call

General Editor Commands

[CTRL] [B] Move cursor to Beginning of line
[CTRL] [C] Center current line of text
[CTRL] [D] Delete character at cursor position
[CTRL] [E] Move cursor to End of line
[CTRL] [F] Insert a space at cursor position
[CTRL] [H] Control H is the back space key
[CTRL] [I] Insert spaces to next Tab stop
[CTRL] [Q] Move cursor left one word
[CTRL] [T] Delete text from cursor to end of line
[CTRL] [U] Move the cursor forward one character
[CTRL] [W] Move cursor to beginning of next word
[CTRL] [X] Delete the entire current line of text

Dot commands are for expert mode and can only be used in the first column of each line within the editor

[.A] Abort the text entry
[.D] Delete line of text
[.Dn] Delete line n of text
[.Dx,y] Delete block of data from line x to y
[.E] Edit current line of text
[.Ex] Edit line x of text
[.EL] Edit Last line of message
[.H] Help file for Dot commands
[.In] Insert n lines - requires number
[.IL] Insert line as Last line
[.L] List the entire contents editor
[.Lx,y] List range of lines from x to y
[.LX] List entire contents with line numbers
[.N] Erase everything and start NEW
[.O] OK to save the current file - same as [S]
[.S] Save message to disk - same as [O]

Editor Menu Bar Commands

[A]bort from sending current message/mail
[C]ontinue and append at end of current text
[D#]elete line "#" of message/mail text
[E#]dit line "#" of message/mail text
[H]elp display HELP file
[I]nsert a new line
[L]ist message in part or in whole
line number prompting will follow
[N]ew erase contents of editor, start new
[O]K message/mail OK, you wish to send it

Note:

Command letters followed with "#" have a numeric argument option.

This BBS map and Quick Reference Command chart are available together with a reprint of the series of articles appearing in the Mini'app'les newsletter. Also included is a full reprint of all the on-line BBS help files.

Send your request to:

BBS Reference Packet
Mini'app'les
PO Box 796
Hopkins, MN 55343

Apple II Main

by Tom Ostertag

It was a dark and stormy night... It really was! Tom Gates and Erik Knopp had the equipment all set up and going when I arrived. Owen Aaland was selling software and there was a mini swap meet going on in the back corner. Someone was either driving a hard bargain or bargaining a hard drive... Hugh Johnson was there to pick up the bulletin board directions for the January newsletter, and stayed long enough to answer a question on CD-ROM players. The meeting opened with introductions all around and then announcements. This included a letter from Econ, future meetings and just general questions and lasted for about 45 minutes. There was one question for the Question and Answer session which was quickly answered.

It was game night and Tom Gates started it out with a game called Life and Death. It should have been called Surgery made simple, a morticians guide to medical malpractice. I'd say it was a scream, so you'd get the point, but actually it was a stitch. Then came "The Lost Tribe" which was an educational game with some strangeiroglyphics on the screen to designate activities such as hunting and gathering and planting... Then Owen presented "Dangerous Dan Returns" and action adventure game where the main character jumps, swims, swings through a cavern gathering treasures...

That was the end of the games. Tom Gates brought out the tickets for the door prizes. Les Anderson received "Typeset", Barney Barker received MECC's "Wonderful Puzzles" and Steve George won a copy of "Norton's Essentials for the Powerbook"

At exactly that moment, the Librarian opened the door and said that they were closing in one minute. There was a scampering and scurrying and a fast evacuation, but we made it.

The Pie SIG was at Embers... where the Emberger Royal with sauce seemed to be the main attraction. The major topic of discussion on my end of the table was new features in AppleWorks 4.0 and whether or not certain features could be used on smaller machines. It continued to rain as people left into the dark and stormy night.

See you next month...

Tom 🍏

ATTENTION!

from Erik Knopp:

On the night of December 14/morning of December 15, at the Perkins at 2194 Snelling Ave, in Roseville, someone broke into my car and took the club Apple IIGS, along with some of my stuff. It has been reported to the Roseville Police Department (Ph# 490-2243, Case# 930-20450). What follows is a list of the items taken. Serial numbers, where known, are shown in *italics*.

- Apple IIGS ROM 1 CPU – *E81755W7*
- Apple RGB Monitor – *N8324438*
- Apple High Speed SCSI Card – *SG0244LX02VA*
- Apple 1 Megabyte GS Memory Card
- Apple 3.5" drives (2) – *Y8205DY* and *Y8205EK*
- Apple 5.25" drive – *K6M2991*
- APS Hard Drive (Maxtor Mech) – *A20K1JXS*
- Ingenuity GS Juice+ 4 Megabyte GS Memory Card
- Keyboard – *320508*
- Kraft Joystick
- Mouse – *11662*
- Other items including: Various connecting cables – Toro outlet strip – Extension cord – Misc disks/boxes – Computer transport case (says IBM on outside) – Briefcase w/various computer magazines, papers etc.

If you learn of the whereabouts of these items, or see them being offered for sale or trade, please notify the proper authorities *immediately*.

Announcements:

The ongoing Newsletter series, *The History of the Apple II*, has been suspended due to the Editor's prior commitments with egnog. Watch for it in future issues.

Note the **Mac Consultants' SIG**, new on this month's calendar. This will be an informal breakfast meeting to discuss common concerns. Nora's Restaurant, 3118 West Lake Street in Minneapolis. For more info, call Mike Carlson, 377-6553

The subject of the January 11th **ClarisWorks** meeting will be the communications module. Participants are encouraged to review related material in the tutorial beforehand. You're also encouraged to bring snacks! Coffee will be provided. Remember, the meeting starts at 6:30 (not 7:00). Norwest Bank Bldg, 5320 Lyndale Ave. S. Enter through the back door. Don't park in the liquor store lot next door. For details, call Denis Diekhoff, 920-2437.

Peter Fleck will make an effort to provide the latest stackware and utilities at his **HyperCard SIG** meetings. Show up with an unformatted 1.4MB floppy (or two 800k's) and he will swap you a disk full of HyperCard-related goodies. This month's topic – *Resources: Where to Get 'em, How to Move 'em* – will deal with sounds, buttons, cursors, and icons. Call Peter at 370-0017.

According to the scuttlebutt at Mini'app'les World Headquarters, we may soon have a new SIG devoted to full-motion video, advanced graphics, DTP, and newsletter production. Present plans call for Saturday meetings, with multiple Macs in attendance. If interested, call Keven Kassulker at 535-2968.

Keven wants to assure everyone that his **Programmers' Workshop** will continue although schedule and location are hard to pin down as we go to press. Call him at 535-2968.

Mini'app'les Board of Directors Meeting Minutes

November 4, 1993

Penn Lake Library, Bloomington
 Presiding Officer: Greg Carlson,
 President

Preliminary

Attendance

Members: Greg Carlson, Tom Gates, Jacque Gay, David Laden, Erik L. Knopp, Al Mackler, Sam Goshorn, Roy Sorenson, Bob Demeules, Keven Kassulker, Wade Brezina.

Guests: Dick Peterson, Wayne Couillard.

Meeting called to order by President Greg Carlson at 7:16.

Adoption of Agenda: agenda passed.

Oct. 7 meeting minutes approved with minor corrections.

New Business

Treasurer's Report –

Jacque Gay

see Treasurer's Report. Jacque said we split the P.O. penalty with our mailer, Eberhard Services (our cost about \$8). Jacque lauded the job Wayne Couillard has done picking up our mail and distributing it. She observed that EDOM sales have been down compared to last year, and the newsletter continues to be over budget.

Treasurer's report approved.

President's Report –

Greg Carlson

see President's column.

President's report approved.

Vice President's Report –

Tom Gates

With the Swap meet only 9 days away, Tom has only gotten 2 table requests. The Computer User newspaper is just getting out which may generate more requests. Should the Swap meet go on, or should we cancel it? Discussion included these points: the cost to the club is the \$100 refundable deposit with Apache Plaza, and \$100 in advertising in Mpls. and St. Paul newspapers. In view of the poor turn out for the SoftwareFair, shouldn't we cancel the swap meet at this point? However, with the notice already appearing in Computer User and club newsletter, people will go to the site expecting to find our Swap meet. Motion made and seconded to cancel the daily newspaper advertising and go ahead with the swap meet. Motion passed, with Bob Demeules voting opposed.

Membership Director's Report –

Bob Demeules

see Membership Report. Discussion on declining membership numbers, and

on alternatives to sending out new member kit (EDOM, membership card). Consensus was to continue sending out a kit. Membership Director's report approved.

Software Director's Report –

Sam Goshorn

Mail order EDOM sales are \$44. Discussion: sales are down 60% from last year, while membership had declined 25%. It was stressed that new EDOMs need to come out, and the disks need to get to the SIG meetings in order to increase sales.

Mac SIG Director's Report –

Wade Brezina

No report.

Apple II SIG Director's Report –

Erik Knopp

No report.

Publication Director –

Keven Kassulker

Keven initiated a discussion on organization of his office. Points raised included: consensus that the Board sets budget and overall policy. While being open to input from Board members, the newsletter editor takes direction from the Publication Director. The newsletter should stick to its deadlines, and stick to its allocated budget. When advertising revenues increase, additions to the newsletter budget can be considered. The newsletter staff needs more volunteers.

Operations and Resource Director –

Al Mackler

The club Apple II plus is dead. Greg Carlson will examine it, and bring to the Swap meet to sell in silent auction to highest bidder.

BBS Investigation –

Dick Peterson

Still no response from Gizmode BBS. First Class (telecom software) is less expensive than TeleFinder.

Adjournment moved, seconded and approved.

Next board meeting:

Thursday, December 2, 7pm at Penn Lake Library (88th and Penn), Bloomington.

prepared and submitted
 by Roy Sorenson, Secretary. 🍏

Treasurer's Report

Profit & Loss Statement
 November 1993

Income

Total Memberships	\$218.85
Advertising	\$398.00
Total Software Sales	\$58.22
Swap Meet	95.00
Total Income	\$770.07

Expenses

Meeting Sites	\$100.00
PO Box Mail Distribution	\$17.15
Newsletter production	\$536.76
Newsletter postage	\$75.96
Labeling/Mailing	\$81.50
AppleLink account	\$6.42
Information Line	\$17.00
Total Expenses	\$834.79

Net Profit/(Loss) (\$64.72)

prepared and submitted
 by Jacque Gay, Treasurer

News from the Software Director

by Sam Goshorn

Update to Mac eDOM #815

Compact Pro has been updated from version 1.33 to 1.34. The author says version 1.34 fixes some bugs from the earlier version but I didn't notice them.

Mac eDOM #890

SkyChart 2000.0 1.0.2

©1993 Tim DeBenedictis, \$20 Shareware

SkyChart 2000.0 is a virtual planetarium. It can show the positions of all varieties of heavenly bodies at any time, or show the sky as it would appear from a planet other than Earth, or even animate the constellations as the stars move over thousands of years. Includes deep sky objects like galaxies. It requires at least 2 megs of memory to run, and is both System 6 and System 7 compatible. A math coprocessor is recommended, but for those of you without one there is a special version of the program included which has a smaller database of objects.

Mac eDOM #891 – Utilities #20

Backup Reminder 1.0.2

©1993 Karl Bunker, Free.

Backup Reminder alerts you when it's time to backup your files. You specify the number of days between backups.

ColorSwitch 2.3.0

Andrew Welch/Ambrosia Software, Inc., \$10 Shareware.

ColorSwitch is a control panel that allows you to switch between color modes on multiple monitors using either a mouse and keystroke or through a special menu. You can also set the sound volume.

Requires 32-bit QuickDraw and System 6.05 or higher.

DoubleScroll 2.0.5

©1993 ISYS Development Corp., \$10 Shareware

This control panel puts up/down arrows on both ends of the scroll bars so you don't have to move the mouse so far to scroll just one line. Includes an option to force a document to scroll while you are dragging the scroll bar thumb.

Requires System 7.

Extensions Manager 2.0.1

©1990-93 Apple Computer, Inc. All Rights Reserved, Ricardo Batista, Free.

An update of the previous version of Extension Manager 1.06. It lists all your extensions, control panels, startup items, Apple menu items and fonts whether or

not they are enabled. You can combine the items into your own startup configuration and save it to a popup menu instead of moving files in and out of the system folder and subfolders. It also has a network feature which will load files that you specify only if a network is present (great for PowerBooks).

Find Stuff 1.0.2

Dave Sugar, Postcardware (if you like it, send him a postcard).

A convenient file-finding utility. Allows you to find files by any combination of name, date, type, creator, or label. Every file is listed in a dialog box along with the path to the file. When you select a file from this list using System 7, Find Stuff will open its folder and highlight the item.

Moire 4.01

©1993 John Lim, \$10 Shareware.

A screen saver which consumes very little memory. For those of us without the RAM to spare for fancier screen savers. Draws simple geometric shapes.

PrintChoice 1.0

©1993 Kerry Clendinning, \$14 Shareware.

This extension is great if you have more than one printer and you find yourself often switching between them. Using PrintChoice allows you to avoid the step of going to the Chooser. It adds a menu item to the Apple menu which pops up a list of printers from which to pick.

Requires System 7.

WindowShade 1.2

©1989-92 Interactive Technologies, Rob Johnston, Free.

A handy control panel for getting windows out of the way. Just double-click on the title bar and the window shrinks so only the title bar is visible. Double-click again to get the window back.

WrapScreen 1.3

Eric Aubourg, Shareware.

WrapScreen is an extension for use with big or multiple monitors that lets you move the mouse off of one side of the screen and onto the other side.

Requires System 7.

Mac eDOM #892 – Star Trek Guides

© 1991-1993 Oak Mountain Software, David R. Landis, Free.

Attention Trekkies! We have three HyperCard stacks with tons of information on each of the Star Trek T.V. shows.

These stacks allow you to scan the episodes, read the detailed plot descriptions, check out the writers, directors, and guests, and store the information on your video tape collection (if you have one). Includes information on the actors, plot lines altered or dropped, mistakes and inside jokes. HyperText links cross-reference related items between all three Star Trek stacks, allowing you to follow references back to their origin.

Requires System 6.0.5, at least 2.5 megs of RAM and HyperCard 2.1. Comes on two disks.

Mac eDOM #893 – Fractal!

Copyright © 1993 Mini'app'les DEC 1993

Mac eDOM #893 – tested by Sam Goshorn

Fractal! 1.0.1

A great fractal scene generator. You control perspective, lighting, haze, colors at various altitudes and the program generates a realistic mountainous scene with white peaks, timberline, and lake (see cover). Prints nicely on a laser printer. Requires a floating-point coprocessor but works just fine with SoftwareFPU.

SoftwareFPU 2.43

\$10 Shareware from John Neil.

The latest version of SoftwareFPU, the extension which emulates a coprocessor for older Macs. It does not work with the latest Quadras 605, 610 or on 68000 machines such as the Macintosh Plus, SE, Classic, Portable, and PB 100.

Mac eDOM #894 – DarkSide of the Mac

Copyright © 1993 Mini'app'les DEC 1993

Mac eDOM #894 – reviewed by Sam Goshorn

DarkSide of the Mac 4.1

©1993 Tom Dowdy, Free.

DarkSide is an application screen saver that requires System 7. There are over 40 different modules with such scenes as a spinning Earth rendered in stunning 3D color to a kitten chasing a ball. Each module has unique preference settings so you can do things like make the Earth spin slow or fast or make the kitten chase the ball actively or while taking periodic naps. Runs in the background and requires 64K RAM.

Sam Goshorn, Software Director 🍏

GO-O-O-OD DEALS!

by Ken Slingsby

This is the fourth in a series of articles which list good deals and press releases that have been brought to our attention via a news source established by Apple Computer Co, AppleLink. Due to the constraints of space in our newsletter and time available, the articles have been greatly condensed. All were posted in their entirety on the Club's BBS. To read the full articles, plead or beg a friend who has access to the BBS to copy it for you.

As an aid in your review of the articles, I have divided them somewhat arbitrarily into DEALS and Press Releases. The DEALS include price, dates available, and the address of the publisher or author. Most of the DEALS are special limited time offers of a significant price reduction. They are presented here as a service of Mini'app'les. The PRESS RELEASES are to make you aware of the new products. You may have to hunt

to find a dealer to find the product.

Let's have some reader feedback. Drop me a line in care of the Club's P.O box or send me E-Mail on the Club's BBS. Let me know if this column is helpful or on track. Are there things I could do to make it more useful?

Mini'app'les makes no claim as to the usefulness or quality of the products offered herein. The User Group does not endorse the products and is not supporting the products. The following is not paid advertisement. There may be other products mentioned on AppleLink not appearing here. If so, that is an omission, not a refusal of the product. As in all purchases, buyer beware!

In order to qualify for some of the items presented here, you MUST be a member of an Apple User Group. Be prepared to give your member number, and tell them that Mini'app'les sent you!

Free CD ROM for Club Members!

A special offer from Disc Shop has been made available for Mini'app'les members. We have a number of copies of the "CD Access" CD ROM available absolutely free for the asking. CD Access is the newest way to purchase mainstream Macintosh software. The CD ROM contains demonstration versions of over 100 different software programs from major vendors which you may try before you purchase. Software includes Claris Works, Retrieve It, FileMaker Pro, Lotus 1-2-3, Datebook, and more. If you decide to purchase a program, you call a 24-hour 1-800 number, provide a major credit card number, and you will be given an unlocking code that makes the full, commercial version of the program available to you. You may then run the fully functional version from either the CD ROM or copy it to your hard drive. In addition to commercial programs, CD Access contains \$200.00 worth of free software which you may unlock at no charge.

CD Access contains an interactive multimedia browser to help you locate programs on the disk. Manuals for most programs are provided on-line and have the look and feel of a hard copy manual. The few companies that do not provide on-line documentation will ship your manuals within three days after you purchase their program.

Even if you don't want to purchase software in this manner, the free software alone probably makes it worth picking up a copy of this CD ROM. This is also a good way to compare several different demo programs to see which will best meet your needs. If you are interested in receiving this free CD ROM, contact Jacque Gay at 722-1239. You will need a Macintosh, a CD-ROM drive, and should preferably be running System 7 though it is not strictly required for all the programs on the disk.

submitted by Jacque Gay 🍏

DEALS

Fantastic prices on refurbished equipment

From time to time, the Apple User Group Connection offers refurbished equipment for sale at reduced prices. Based on past experiences, there is a chance that some equipment still remains and is currently available. Call their hotline to confirm.

Here's the latest Price List for the User Group Member Purchase Program! Order soon and spread the word to your fellow User Group members!

User Group Member Purchase Program

Confidential Price List January 1, 1994

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M1383LL/A Performa 600 5/160
w/CD (monitor not included) - UG
Price: \$1,269.00

Lowest Cost CD Mac available on the market! Order early!

M1044Z/A 16 Inch RGB Monitor -
UG Price: \$999.00

UGC405 Performa 405 4/80 w/.39
monitor - UG Price: \$659.00

A great deal for the money conscious buyer! Lowest cost color Mac available!

UGC will only accept orders sent in one of the following 3 ways:

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- Master Card, Visa or cashier's checks payable to: User Group Connection
Send cashier's checks to:
User Group Connection,
P.O. Box 67249,
Scotts Valley, CA 95067-7249

January Promotion orders only taken from January 1 through January 31. First come first served, while quantities last. Shipments placed the week of February 1st.

NOTE: *These are refurbished products*

Refurbished products are equipment that has been returned to Apple by existing resellers. It may have been returned for any of a number of reasons, including discontinuation of that model, a return by a customer, or a malfunction in the product. All returns are checked for proper function, repaired if necessary, repackaged, and marked "refurbished" on the

box. Refurbished products include a 90-day warranty.

Paint Alchemy and Floppy Full of Brushes Bundle

Add "painterly effects" to the images that you process with Paint Alchemy for Adobe Photoshop. Users can give their photos a hand-drawn or hand-painted look using the 36 brushes and 75 filter-styles that come with Paint Alchemy. Bundle includes Floppy Full of Brushes an extra 50 professionally created brushes to add to Paint Alchemy.

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User group price only \$49.00

Call 1-800-800-2222.

Ask for the Paint Alchemy Special Bundle (Item #6447) at \$49. Have it the next day for only \$3.00 shipping. Supplies are limited. Act today.

Special NEWTON User Group Offer!

FREE Connection Kit with purchase of Apple Newton MessagePad!

Now you can connect your Newton MessagePad to your Apple Macintosh Computer or your PC running Microsoft Windows.

Apple Computer, Inc. is pleased to announce a special offer to members of computer user groups. This program was designed specifically to encourage purchases by user groups, and the success of this program will incite Apple to continue pricing and product promotions to user groups. Show them your enthusiasm by encouraging your members to buy the Newton MessagePad NOW!

This promotion begins November 22. Program coupons will arrive in the December User Group Connection mailing, however here is an overview of the Newton special offer that your user group members have been waiting for!

To receive your Connection Kit, purchase a new Apple Newton MessagePad between November 22, 1993 and January 2, 1994, and send the following information, to be received no later than February 2, 1994, to The Vectra Company at the address identified below: Specify the Connection Kit of your choice:

- Newton Connection Kit for Macintosh
- Newton Connection Kit for Windows

Provide the following:

- Name
- Address
- City, State, Zip
- Phone
- Name of User Group
- MessagePad Serial #
- Reseller Name
- Date of Purchase
- The UPC code from the Newton

MessagePad box.

- Proof of product purchase (Copy of original sales receipt clearly identifying the product).
- Coupon with all information completed. Reproductions of the coupon will be accepted.
- All information mailed to:
Newton User Group Connection Kit Offer
Vectra Company
3990 Business Park Drive
Columbus, OH 43204

Offer good in the United States (50 states and the District of Columbia) only. - Allow 6-8 weeks for delivery of Connection Kit - Coupons received after February 2, 1994 will not be processed - Offer not valid in conjunction with any other promotion - Apple is not responsible for late, lost, or misdirected mail - Every effort has been made to ensure that the information above is correct. Apple is not responsible for printing errors - Apple reserves the right to change the format, element, or terms and conditions of any part of this offer at any time without notice - Only one Connection Kit per MessagePad purchased

PRESS RELEASES

Working Solo

For all those who yearn for the freedom and flexibility of self employment, your time has come. An exciting new book by Terri Lonier can now help you forge your way to real success as an entrepreneur.

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CD-ROM Support for Your IIGS

DiscAccess™: Sequential Systems have just introduced a system of hardware and software that will give today's Apple IIGS user access to the exploding library of information available on CD-ROM.

DiscAccess utilizes standard SCSI CD-ROM drives and will support currently available CD-ROM titles from leading Multi-Media publishers such as Creative MultiMedia, Grolier, Compton's and more. DiscAccess software provides "text search", "still graphics display", and "audio" from supported files. It features a user-friendly, "desktop" interface. When bundled with a RamFAST SCSI interface, search performance of the DiscAccess system using a non-accelerated Apple IIGS is similar to that of a Macintosh LC.

The system requirements are an Apple IIGS with 2mb or more of RAM, System 5.0.4 or higher, a 3.5" floppy drive, and a

Deals continues on page 11

Macintosh Insiders: Where are They Now?

by Guy Kawasaki

Forty eight of the early employees of the Macintosh division signed the die for the inside of the Macintosh 128K. If you've still got one of these Macintoshes around, look inside, and you'll see their signatures. The thinking was that Macintosh was a work of art, and artists sign their work. Who were these people? And what are they doing today?

Present and Accounted For

Andy Hertzfeld. Andy wrote most of the Macintosh Toolbox—that is, he was the division's software wizard. He is a vice president and programmer at General Magic.

Ben Pang. Ben worked on the industrial design of Macintosh. He is an industrial designer at Apple.

Berry Cash. Berry was a marketing and sales consultant. He is a venture capitalist in Texas.

Bill Atkinson. Bill wrote QuickDraw and MacPaint (and later HyperCard). He is chief technologist at General Magic.

Bill Bull. Bill worked on the "no-fan solution" decreed by Steve, plus the cables, keyboard, and mouse. He is the manager of product design for Apple Business Systems.

Bill Fernandez. Bill was an engineering jack-of-all-trades. Bill got laid off by Apple a few months ago and is consulting.

Bob Belleville. Bob was the engineering manager of the division. He is in the corporate research and development department of Silicon Graphics.

Brian Howard. Brian ensured that the digital designs would work—and be manufacturable. He is an engineer in the portable computing division of Apple.

Brian Robertson. Brian managed purchasing and supplier sourcing. He is the director of Macintosh product operations at Apple.

Bruce Horn. Bruce designed the Finder and completed it with Steve Capps. He recently finished a doctorate in computer science at Carnegie Mellon University. You should hire him.

Bryan Stearns. Bryan worked on the user interface for MacBASIC. He works at Apple developing Newton programming tools.

Bud Tribble. Bud was the manager of software engineering. He is a vice president at SunSoft, the software subsidiary

of Sun Microsystems.

Burrell Smith. Burrell designed the digital board, and was the division's hardware wizard. He is doing research in Palo Alto, California.

Chris Espinosa. Chris supervised the writing of the manuals and technical documentation. He works at Apple on the Apple-IBM relationship and runs the project offices for Taligent and Kaleida.

Collette Askeland. Collette designed the printed circuit board for the main logic board. She is managing the CAD support staff at Apple.

Dan Kottke. Dan built prototypes and troubleshoot board-level problems. He is a father's rights activist and runs a hardware start-up company.

David Roots. David worked on the industrial design of Macintosh. He is an industrial designer at Radius.

Debi Coleman. Debi was the controller of the Macintosh division. She is the vice president of materials operations at Tektronix.

Donn Denman. Donn wrote desk accessories and MacBASIC. He is programming developer tools at Apple.

Ed Riddle. Ed worked on the design of the keyboard. He is a writer in the areas of technical, marketing, and spiritual issues.

George Crow. George designed the analog board, video, and power supply. He is director of central engineering at SuperMac.

Jef Raskin. Jef started the Macintosh project in the sense of creating a computer which featured a small footprint, low price, and a bit mapped display. He is a human interface design consultant and writer.

Jerold Manock. Jerry managed the industrial design engineers. He has an industrial design company in Vermont.

Joanna Hoffman. Joanna wrote the first marketing plan for the division. She is a vice president of marketing at General Magic.

Larry Kenyon. Larry worked on the file system, drivers, and boot code. He is a programmer in the Newton group at Apple.

Laszlo Zsdek. Laszlo was a tooling and manufacturing engineer. He works in the portable computing division of Apple.

Linda Wilkin. Linda managed engi-

neering documentation. She is operations manager at Clarify, a Silicon Valley software company.

Lynn Takahashi. Lynn was Steve's area associate. She is a manager of marketing programs at General Magic.

Martin Haerberli. Martin worked on the Memory Manager and co-authored MacTerminal. He works for Apple's higher education business unit.

Mary Ellen McCammon. Mary Ellen was an area associated for the marketing people. She is completing a master's degree in psychology—how appropriate considering some of the people she worked with. :-)

Matt Carter. Matt was in charge of the Macintosh factory. He is starting a new company.

Mike Boich. Mike was the original software evangelist who convinced companies to write software. He is the chairman of Radius.

Mike Murray. Mike was the director of marketing. He is the vice president human resources and administration at Microsoft. Go figure.

Pat Sharp. Pat was Steve's administrative assistant. She is in charge staffing and development functions at Apple.

Patti King. Patti managed the engineering department's software library. She is a full-time mom.

Randy Wiggington. Randy wrote MacWrite. He is a software engineer at Eo.

Rod Holt. Rod worked on the power supply. He is currently retired and sailing boats.

Steve Jobs. Steve was the general manager of the division. He is CEO of NeXT Computer, Inc.

Terry Oyama. Terry worked on the industrial design of Macintosh. He is an industrial designer at Radius.

Woz. Woz was an inspiration to Andy and Burrell. He signed the case because they felt that Macintosh was a descendant of the Apple II. Also, Macintosh initially used Woz's disk controller technique and other Woz tricks. Woz is teaching fifth graders how to use computers.

A Computer Ahead of Its Time

If you're a Macintosh fanatic, you'll notice that other early members of the Macintosh division like Steve Capps and

Susan Kare are not listed. This is because the case was signed in mid-1982 (eighteen months before the announcement date) because shipping was supposedly imminent.

Almost everything about Macintosh was ahead of its time.

Have You Seen These People?

Guy was unable to locate the following people who signed the case:

Angeline Lo (programmer), Hap Horn (engineer), Ivan Mach (engineer), Pamela Wyman (programmer), Peggy Alexio (area associate), Ron Nicholson (engineer), Steve Balog (engineer), and Vick Milledge (human resources) could not be located.

Guy Kawasaki is the author of Hindsight: The Reflections and Breakthroughs of Remarkable People (Beyond Words Publishing) and is a former software evangelist in the Macintosh Division. You can order the special Hindsight/UnderWare user group bundle for \$29.95 by calling 800-528-8886.

submitted by Tom Mehle 🍏

Deals – continued from page 9

SCSI CD-ROM driver and interface.

DisCAccess GS software is bundled with a copy of Creative Multi-Media's popular title, "The Family Doctor".

Big Red is also putting together a complete CD-ROM system which will include an external CD-ROM drive with cable, a RamFAST SCSI card and four supported CD-ROM titles.

Contact Big Red for pricing information at (402) 379-4680

RAM Doubler

SAN MATEO, Calif., USA, December 12, 1993 – Connectix Corporation today announced RAM Doubler®, a new utility that doubles the memory of Macintosh® computers. RAM Doubler carries a US suggested retail price of \$99 and will be available through leading resellers worldwide through retail outlets, mail order firms and distributors in January 1994.

RAM Doubler provides a unique and inexpensive solution for upgrading Macintosh memory. RAM Doubler is a simple system extension, not a control panel, that gives Macs twice as much memory to open applications. Because RAM Doubler is not a control panel,

RAM Doubler eliminates the need for any user adjustments. Following its "click and double your RAM installation," users continue to use the Macs as they normally do, only with twice as much RAM. RAM Doubler doubles the memory on any Mac II, LC, Performa, PowerBook, Centris, and Quadra computer with 4 MB of RAM or more.

In related news, Connectix will combine its new RAM doubling technology with its popular RAM disk utility, to provide a double-sized RAM disk. Ideal for PowerBook users, Maxima 3.0 will provide increased RAM disk capacity and will extend battery life.

Like RAM Doubler, Maxima will be priced at \$99 and will be available worldwide. Registered Maxima users can purchase the upgrade for \$19.95. Users who purchase retail copies of Maxima after January 1, 1994 are entitled to a free upgrade to Maxima 3.0.

For more information, contact Connectix at:

(800) 950-5880,
(415) 571-5100 or
fax (415) 571-5195. 🍏

TypeSet – Apple IIGS software review

by Erik Knopp

Tired of seeing all the font names displayed in the same font? Hate scrolling through all your fonts to find the few you use regularly? Wish you had something that showed the characters available, keys to press for that certain character, where you put the font and/or how big it is? If you are using WestCode Software's Pointless and TrueType fonts, TypeSet can help.

TypeSet is an NDA (New Desk Accessory), that as a companion to Pointless, adds management tools for TrueType fonts to the GS.

The first of these tools is a WYSIWYG (What You See Is What You Get) font menu. TypeSet will display, in a choice of 10 or 12 pt., any TrueType fonts you have installed in the typeface of the font itself. Note: this feature doesn't work with applications that don't use the standard font menu.

The second tool allows the user to create font sets. This allows you to have a

font menu that only includes the few fonts you are actually using in a document, eliminating the need to scroll through long font lists to find them. If you find that you need a font not in the current font set, all the fonts are available via the 'choose font' menu item of an application.

The third tool generates font reports: All Characters, Key Equivalents, Various sizes, and Line Samples. Each report is one page in length, showing one font per page, except for Line Samples, which can show up to ten fonts per page. Options for the reports include choosing what font is used for the heading of the report(s).

All Characters shows all the available characters of a font in 40 point.

Key Equivalents generates a chart that shows what character is generated when a key is typed with the following modifiers (caps lock key up): None (key by itself), Shift, Option, Shift-Option

(together).

Various Sizes shows a sample of the font in point sizes ranging from 8 to 48, as well as a user-definable message of up to 255 characters.

Line Samples shows a sample of the font(s) along with the disk location (pathname) of the font(s).

TypeSet also has an 'Information On Font' button that shows how much disk space it takes up, font family number, styles applied, and file location.

System requirements for TypeSet are: Apple IIGS with at least 1.25 megabytes of RAM (with additional RAM and a hard drive recommended), GS/OS system 5.0.4 or later, Pointless 2.0 or later.

TypeSet is published by WestCode Software, Inc. and has a retail price of \$49.95.

Erik 🍏



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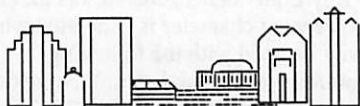
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If this is a new membership, or a renewal, please take a few minutes to fill out the questionnaire.

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Which personal computer(s) do you use?

- Apple II
- Apple III
- Apple IIe
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- "Toaster" Mac - 68000 (128, 512, Plus, SE, Classic)
- Other 68000 (Mac Portable, PowerBook 100)
- Mac 68020 (II, LC)
- "Toaster" Mac - 68030 (SE/30, Classic II, Classic III, Performa 200)
- Mac IIX, IIcx
- Mac IISI, IICi, IIIX, LC II, Performa 400
- Mac IIVx, Performa 600
- PowerBook 140-180
- PowerBook Duo 180-230
- Quadra 700-950
- Centris

What attachments or peripherals do you use?

- QuickDraw printer
- PostScript printer
- Modem
- Scanner/digital camera
- Drawing tablet
- Voice mail
- MIDI
- Other _____

What are your areas of special interest?

- Business applications
- Household applications
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- Desktop publishing
- Programming
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- Games
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- Check if you want your name withheld from commercial and other non-club mailing lists
- Check if you are interested in volunteer opportunities (see other side)
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eDOM Orders

- Prices:
- 5.25" eDOM: \$3.00
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 - Mac System 7: \$15.00
- (Prices include 6% Minnesota sales tax)

Disk size	eDOM #	Title or Description	Qty.	Price @	Total

Current Apple System Software

	Version	Date	Format
Apple II, II+ IIc, IIe			
DOS 3.3 System Master	n/a	09/10/85	5.25"
Apple II System Disk	3.2	07/16/90	5.25/3.5"
ProDOS 8	1.9	07/16/90	5.25/3.5"
Apple IIGS			
GS/OS System (6 disks)	6.0	4/92	3.5"
HyperMover (2 disks)	n/a	n/a	3.5"

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Double price for non-members	
Add \$1/disk shipping (\$4.00 max)	
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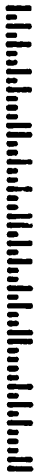
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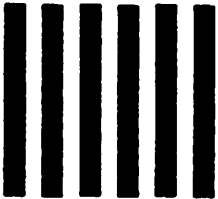
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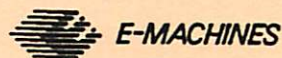
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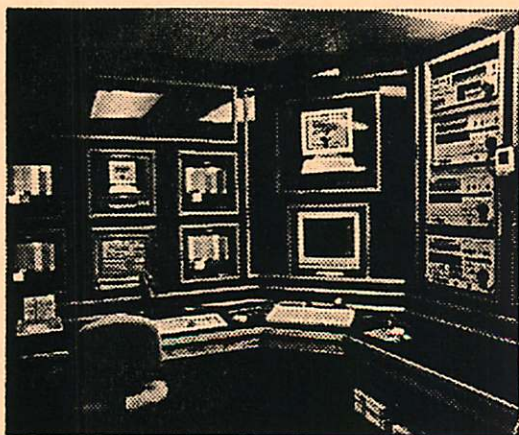
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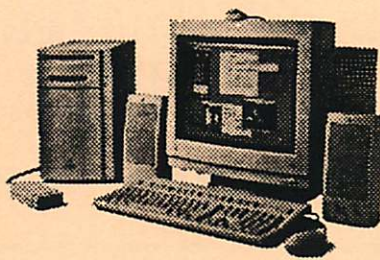
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