WHO	WHEN	WHERE	WHAT
Board Meeting (New date, location)	Thur. Nov. 5 7:00 pm	11900 Wayzata Boulevard Minnetonka, MN	Members welcome, Note 1. Call *C. Lind*, 545–2776 for directions
Mac Computer Art & Design Group	Mon. Nov. 9* 6:45 pm	Mpls College of Art and Design 133 East 25th Street, Rm 325	Call *Joy Kopp*, 440-5436 or *Colette Gaiter-Smith*, 224-8622
Dakota County Branch	Tues. Nov. 10 7:00 pm	1301 Wilderness Run Dr. Eagan, MN	Note 5
Languages/Technical S.I.G.	Wed. Nov. 11 7:30 pm	1st Minnesota Bank 31 9th Ave. S., Hopkins, MN	Note 11
The Smalltalk Group	Wed. Nov. 11	250 S. Milton St., St. Paul, MN	Programming in Smalltalk—Note 4
"MicroComputers & Graphics Design"—*Public Meeting*	Thu. Nov. 12 7:30 pm	Mpls College of Art and Design 133 East 25th Street, Rm 325	**Simon Tuckett**—editor "Electr Comp. & Imaging Mag". $7 tickets 870-3065
Excel™ User Group (New Group)	Thur. Nov. 12	Third Meeting	Call *Marilyn Nightingale*, 545–9380, for Time and Location
MacCAD/E User Group	Tues. Nov. 17* 7:00 pm.	Heath/Zenith Computers Shady Oak Road, Hopkins, MN	Note 6
Apple II S.I.G. (Regular Mini'app'les)	Wed. Nov. 18 7:30 pm	St. Louis Park High School 33rd & Dakota, St. Louis Park, MN	Note 2
Mac Users	**Thur. Nov. 19** (6:30) 7:00 pm	**Eisenhower Community Ctr,** **Hopkins** See map on page 18	**Bill Atkinson, Creator of** **HyperCard™ &MacPaint** Notes 2, 3 & 9
U. of Mn. Mac User Group (UMMUG)	**Thur. Nov. 19** (6:30) 7:00 pm	**Combined with Mini'app'les**	U of M Call:*C. Lukaszewski*, 338–8581
AppleWorks© S.I.G.	Thur. Nov. 19 7:00 pm	Derham Hall High School 540 S. Warwick, St. Paul, MN	AW Spreadsheet, Basic through Advanced, Note 7
Mac Novice User Group	Mon. Nov. 23 7:00 pm	Highland Branch Library 1974 Highland Parkway, St. Paul, MN	Note 12
Northwest Branch	Tues. Nov. 24 7:00 pm.	Rockford Road Library 6401 42nd Av. N., Crystal, MN	Note 8
Apple IIGS S.I.G.	Wed. Nov. 25 7:30 pm	1st Minnesota Bank 31-9th Ave. S., Hopkins, MN	Note 10
Mac Users	Thur. Dec. 3	Hennepin County Library — Southdale	Notes 3 & 9
Dakota County Branch	Tues. Dec. 8	1301 Wilderness Run Dr., Eagan	Note 5
Languages/Technical S.I.G.	Wed. Dec. 9	1st MN Bank, Hopkins	Note 11
The Smalltalk Group	Wed. Dec. 9	250 S. Milton, St. Paul	Note 4
Board Meeting	Thur. Dec. 10	11900 Wayzata Blvd., Minnetonka	Members welcome, Note 1
Mac Computer Art & Design	Mon. Dec. 14*	Mpls College of Art and Design	Call *Joy Kopp*, 440-5436
MacCAD/E User Group	Tues. Dec. 15*	Heath/Zenith Computers, Hopkins	Note 6
Apple II S.I.G.	Wed. Dec. 16	St. Louis Park Senior High	Note 2
Excel™ User Group (New)	Thur. Dec. 17	Call for Time and Location	*Marilyn Nightingale*, 545–9380
AppleWorks© S.I.G.	Thur. Dec. 17	Derham Hall High School	AW Integration, Note 7
U. of Mn. Mac Users Group	Thur. Dec. 17	UM Physics Building, Rm 210	*Charles Lukaszewski*, 338–8581
Northwest Branch	Tues. Dec. 22	Rockford Road Library	Note 8
Apple IIGS S.I.G.	Wed. Dec. 23	1st Minnesota Bank, Hopkins	Note 10
Mac Novice User Group	Mon. Dec. 28	St. Paul Highland Branch Library	Note 12

* Please contact coordinators about these dates. I have received no calls confirming them.—JLH

Notes:

1. Ann Bell, President	544-4505	5. Bob Pfaff	452-2541	9. Mike Carlson	866-3441
2. Chuck Lind, V. Pres.	545-2776	6. Bill Langer	937-9240	10. Dick Peterson	
3. David Stovall	474-8015	7. Dick Marchiafava	572-9305	11. Chase Allen	435-2645
4. Martin McClure	227-9348	8. Jere Kauffman	535-6745	12. Tom Lufkin	698-6523

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

mini'app'les

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

Board Members

President	*Ann Bell* 8325 39th Avenue N., New Hope, MN 55427	544-4505
Past President	*David Laden* 1215 W. Laurie Rd, Roseville, MN 55113	488-6774
Vice-President	*Chuck Lind* 11900 Wayzata Blvd #128, Minnetonka, MN 55343	545-2776
Treasurer	*J. Edward Wheeler* P.O Box 796 Hopkins, MN 55343	881-5928
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Technical Director	John Hook	435-6281
SIG Director	Dave Stovall	474-8015
SIG Director	Dick Marchiafava	572-9305
Branch Director	John Jadron	893-9337

Coordinators

Beginners' Consultant	Earl Benser	884-2148
Membership Form Distr.	Bill McAndrews	645-6713
Membership Co'tor	Ed Spitler	432-0103
Shows & Conventions		*Open*
🍎 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 MacCADD	Bill Langer	937-9240
▣ 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
N.E. Branch	Mike Fraase	430-2944
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 Assistants:	Tom Gates	789-1713
CP/M	*Open*	
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 24476
St Paul, MN, 55124

$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 telecom-munications 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 |

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IAC eDOM 69: IIGS ProDOS		BroderBund Demo Disk	

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MACSIG
Thu., November 19
Eisenhower Community Center
Hopkins (Map on page 18)
Bill Atkinson
from Apple Computer
Designer of MacPaint, QuickDraw
and HyperCard

Mini'app'les BBS No— 831-6235
See also Club info page 2

December Mini'app'les Newsletter goes to press on November 14.
Please observe appropriate deadlines.
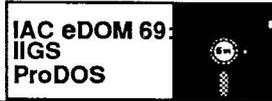
Advertisers

Membership Application and Renewal Form   11/87

Name: _____

Address: _____

City: _____

State: _____

ZIP: _____

Home Phone: (_____) __ - _____ .

Work Phone: (_____) __ - _____ .

New Member ( )   or   Renewal ( )

Spouse's name: _____

Childrens names: _____
(if interested in computers)

Sponsored by: _____

I own or use a:
Mac+ ( )   SE ( )   MacII ( )
Apple //or //+or //e ( ) //GS( ) //c( )
Other   ( )

Special Interests - Check all that apply.
Programming	( )	Spreadsh'ts	( )
Business	( )	Publishing	( )
Education	( )	Novice	( )

Send to: Membership Coord
Ed Spitler
PO Box 796
Hopkins   MN   55343
Club Dues: $15/yr + $5 application fee .
($12 before Dec 1, 1987)

Announcements

Editorial
by Dan Buchler

Last month I wrote about club expenses. This month I don't have too much to say. We just revised the membership forms and have included the following notice:

> **Mini'app'les is your club.**
>
> **We are all volunteers.**
> **You can *join and listen*,**
> **but if you *join and participate*,**
> **you will get more out of the club.**
>
> **The club is what you make of it!**

Please keep this in mind when you read this newsletter or go to a meeting. Don't wait until someone asks you to participate. Only YOU know what your areas of interest and expertise are. Speak up and volunteer, whether it is writing an article for the newsletter, demonstrating a program at a meeting, helping with the eDOM's/MacEDOM's, etc.

This month, the newsletter enclosure is the latest Mini'app'les membership list. It has been the club policy to bring you this list from time to time, so you can locate other members with whom you might wish to communicate.

Membership Dues Going Up—a last reminder
by Dan Buchler

On December 1st, 1987, the membership renewal cost will be $15, up from $12. If you renew before December 1st, you can get in at the old rate of $12! So if you are on the fence, get off it and renew now! Please forgive the display ads last month that said dues were going up to $12. Such errors result from more haste—less speed!

MacSIG
by Dan Buchler

Despite being the same day as the second Twin's playoff game, nearly 100 people turned out for the October 8th meeting on HyperCard and 4th Dimension.

We seem to being having an overload on these two topics, and at the risk of increasing that overload, we have booked Bill Atkinson for a special Mac SIG Meeting to be held on November 19th in the Hopkins Eisenhower Community Center on Highway 7. However,

we don't think anyone will think of Bill as "overload". Bill is as famous a person in Apple as one could find, short of Steve Jobs or the "Woz". Bill has written what are perhaps the three most important pieces of Macintosh software, if not microcomputer software: MacPaint, QuickDraw and HyperCard. For you beginners, QuickDraw is the software interface that paints the screen which is stored in the ROM of every Macintosh. Now to set the record straight for you Apple owners. Bill is a Macintosh man. We do not expect him to talk about Apples. He might talk about Apple Computer, Inc., but he might not. So, come and enjoy a dynamic individual. You may never get another chance.

The meeting originally scheduled for November 12, which was to have featured Orange Micro's "RagTime", has been postponed to an undetermined date.

Future MacSIG meetings scheduled by your Mac SIG Coordinator, Dave Stovall, include:

November 12: Bill Atkinson special.
December: Educational Software, Tentative.

AppleWorks SIG Meeting Schedule & Announcements
by Dick Marchiafava

Meetings are held monthly on Thursday, in the week after the main meeting, **except when there is a conflict with a major holiday.** In the event of a holiday, the meeting will be the 3rd Thursday, the day after the main meeting.

The series of meetings planned for the AppleWorks SIG for the fall/winter are the most ambitious that we have attempted.

The first (Sept.) meeting of the series was well received. As the meeting started, some of the people attending were shifting restlessly, but were soon attentive as the program got underway. These meetings present information for AppleWorks users at all levels of experience. Even advanced users learned useful things from the basic portion of the program. Many comments have been received regarding the value people have received from attending these meetings.

There are three more meetings in this fall/winter series to be presented! In these

meetings we look at the "sticking points" which users at all levels encounter.

November 19: AppleWorks Spreadsheet, Basic to Advanced
December 17: AppleWorks Integration
January 28: Other Activities: Sub-directories, ProDOS

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

The meeting location is Derham Hall High School, 540 South Warick, St. Paul. This is one block south of Randolph, three blocks east of Snelling. Meetings begin at 7 PM. Call me at 572-9305 if you need information about these meetings. Dick

Beginners' BASIC

by Tom Alexander

A new SIG has been included in this month's newsletter on the inside front cover: "Beginners' Basic". This group is intended for the individual about to start learning to program the Apple II in the Applesoft Basic language. A welcome is also extended to those who have already started but feel a need to have some questions answered or a problem solved.

This SIG will not be organized or run like the other fine SIGs in Mini'app'les. There will be no monthly meeting nor will it take place in any specific location. Rather, it will be done over the phone or by modem - A person to person relationship will be established.

Programming in Basic can be and is fun. Normally, a question can't be adequately answered with a one or two syllable response. This is why some of us have gotten together by phone to answer those questions. Remember, there are NO dumb questions. (A lot of dumb answers, yes.) Questions are what makes us move ahead and learn more. That's what it's all about.

So if you're just starting out or have already taken that step, give me a call. If you don't have a question, I'll give you some of mine. I've got plenty! Tom Alexander 698-8633.

Apple IIGS Starts to Awaken

by Tom Edwards

Hummmmm. Maybe I spoke too soon. The Apple IIGS just might be on the verge of coming alive. Since its introduction just over a year ago, we've been watching the magazines and attending many of these IIGS SIG meetings, hoping for a glimpse that things would start to show for this promising machine.

Ahhhhh. Looks like it's starting to happen!

Dick Peterson, chairperson for the SIG, faced about 20 GS users at the September meeting. Seems that there's a few more faces each month. And if what we saw is typical, more will be coming to discover new stuff to tap the resources of the GS. Opening remarks by Dick included a brief statement of the purpose of the group, which is educating GS users about this latest Apple II product.

Q/A's to start the discussion.

- One of the best music programs is "The Music Studio". It's easy to work with to enter music and play it back, but does come up a bit short on the printed output.
- PaintWorks Plus is now out in a new revision. This one works with the LaserWriter, has an improved lasso, adjustable border colors and a less formidible protection scheme. (You can now make a backup.) The non-Plus version does not work with the Apple SuperSerial card.
- AppleWriter 2.0 needs a special "patch" to print out properly on the GS. Check with other SIG members for a copy. Be aware, though. If you install the patch, it cancels the modem feature of the program.
- Apple has notified GS owners of some chip upgrades. There's also some new system software making the rounds. As you search out this stuff, be sure to verify what's what with the amount of memory that you have on board. Some is intended only for the 512K (or greater) configuration.
- Also making a belated appearance, but a signal that things may be picking up, is the ProDOS 16 operating system.
- Apple has been ragged on for forgetting to put enough speed into the GS in the stock delivery mode. This is now being addressed by some third party developers. Look for an accelerator board at a location near you soon!

The education begins.

Dick was trying to show off a Turbo Mouse as

part of the "what's new" demos for the evening. It's one of those things that is simple, but does take some practice to get the hang of it. Dick didn't have the hang of it, and quickly reverted to the mouse. He also loaded in Diversi Cache. One of those things that you can't see, but it helps to make your life faster/better on the GS. It tucks things away in memory, reducing the need to access the disk.

We also saw a demo of Visualizer, a program that takes data out of your AppleWorks program and draws graphs or charts for you... in color, of course. They looked great. A pleasant change from the monolithic color schemes that one usually sees with AppleWorks.

Another new program on the scene is SoftSwitch. This allows you (and your GS' big memory) to tuck more than one program into memory. You "switch" from one to the other and avoid the time of going back to the desktop to start another program.

Always the hacker in us has to show up somehow. Tonight it was one "graduate" from the non-GS series. He still has a 5.25" disk and wants to use it for more than just a doorstop. Seems all that's needed is a cable. But oh!, what a mess of lines to keep straight if you need to hand-build it!

And for the windup, someone passed along a "fortune cookie" that you can look for in your GS. By holding down the Apple/shift/option/M keys (that's a real handful!), you should get a surprise!

TTThat's all, fffolks!

More GS stuff is on the horizon. There's good times ahead. Stay in touch with the SIG to be sure that you are one of the first to hear about what's new.

More bytes later...

TWE

The AppleWorks Advisor

A Column For Users Of AppleWorks
by Dick Marchiafava

TIMEOUT Products Not Shipped

I had expected to have the new TIMEOUT AppleWorks enhancement series from Beagle Bros. by this time (October 3rd), but they have not been shipped yet. I continue to wait eagerly.

MultiRam Software Update

Checkmate has released an upgrade to Version 5.1 of their AppleWorks expander software. This version contains several improvements. One of these I have advocated for several months. This is RESET protection. If RESET is pressed, AppleWorks which has been expanded with version 5.1, will not crash. Checkmate also says if you experience a system crash into the Monitor, pressing CONTROL-RESET may restart the program. If you succeed in restarting, immediately rename any open files, save them, exit AppleWorks and restart the program. The only occasion I have had to try to restart was when AppleWorks frozen. The attempt was not successful. I have not had occasion to try to recover from a system crash yet.

This "expand" utility sets nine flags in the AppleWorks startup file, APLWORKS.-SYSTEM. These flags can be toggled to activate them. They control some of the new features placed in the expanded AppleWorks.

After expanding AppleWorks, an additional utility file may be run. Checkmate has made it easy to do this additional step. Although it is necessary to run the flag setting file from BASIC, this file is on the same side of the disk as the expand utility and there is a menu choice to exit to BASIC.

RUN PATCH.PATCH

The flag setting file is named PATCH.PATCH. With this file, changes (patches) can be made and removed later, without starting the entire process over. This permits changing the expanded AppleWorks to adjust for changes in the user's computer system or operation. The user is stepped thru a series of questions to toggle features and control the startup flow.

Persons who use AppleWorks with a 3.5" disk, RAM disk, Hard Disk or Clock card can choose to skip the stop to change to the Program disk and enter the date.

If the user does not need to change the

maximum size of the database, the stop at the MultiRam Option screen can be skipped. If AppleWorks version 2.0 is being started from a RAM drive, loading the program into memory a second time can be prevented.

There are some added options that can be selected regarding where and how the date is displayed.

Most users of the Checkmate expanded AppleWorks like presence of the Memory access indicator in the lower right of the screen. This flashes an inverse character showing which bank of memory is being accessed. The purpose of the indicator is to show that the program is active. It is a positive indication of activity when doing sorts, replaces, recalculations etc. A few persons do not like this indicator. With PATCH.PATCH, it can be turned off.

With the release of AppleWorks 2.0, the Nul character @ cannot be entered in printer setups. PATCH.PATCH will correct this problem for those who need to use the Nul @ character in custom printer setups.

This expander upgrade made it easy for me to remove the stops when starting AppleWorks and prevent it from loading into memory when running from my RAM drive. These are things which I was doing, or trying to do with some of the patches I have described here in the last month or two. It is simpler to use PATCH.PATCH to choose how to customize the AppleWorks startup sequence than to use individual patches. The ability to go back and change the choices made is a big plus. I salute Checkmate for the friendliness of this patch utility!

The upgrade to this Version 5.1 of the Checkmate AppleWorks Expand utility is available from Checkmate dealers.

Printing More Than 9 Copies

Previously I have been asked if it was possible to print more than 9 copies of a document at one time. Since I knew of no way to change the limit of 9 copies, the way to get more than 9 copies was to duplicate the text within the document or data base and before printing it. Macro commands can also be used to get past this limit.

A patch from Alan Bird of Beagle Bros/ Software Touch (via the Open-Apple newsletter) will allow choosing up to 255 copies when printing. I have tried this with AppleWorks 2.0 briefly. It seems to work. Use a backup

copy if you try this, or any patch.

Patch to change the maximum number of copies to 255:

Run the BASIC.SYSTEM file. This will put you in BASIC. Place the AppleWorks Program disk in a drive. Catalog the disk (CATALOG,S6,D1 or slot and drive number being used) and check that the file SEG.M1 is on the disk in the drive.

From BASIC enter: `POKE 768,255`

Then for AppleWorks 2.0 enter:
```
BSAVE SEG.M1,T$00,L1,A768,B36074 for WP
BSAVE SEG.M1,T$00,L1,A768,B9185 for DB
BSAVE SEG.M1,T$00,L1,A768,B65895 for SS
```

For AppleWorks 1.3 enter:
```
BSAVE SEG.M1,T$00,L1,A768,B34253 for WP
BSAVE SEG.M1,T$00,L1,A768,B9151 for DB
BSAVE SEG.M1,T$00,L1,A768,B67332 for SS
```

For AppleWorks 1.2 enter:
```
BSAVE SEG.M1,T$00,L1,A768,B34049 for WP
BSAVE SEG.M1,T$00,L1,A768,B9151 for C
BSAVE SEG.M1,T$00,L1,A768,B67095 for S
```

Those are "zeros", not "Oh" characters in these lines. Be careful.

Do not enter the labels at the end of each line shown. They are only to show which module will be changed. It should not be necessary to enter all lines if you do not want to change the 9 copy limit of a given module. This patch should allow entering a value up to 255 when making copies.

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

Software News

by Tom Gates - Software Director

With all the hot muggy 'Dog Days' hopefully behind us, we will try to turn our attention to what may be the 'Demo Days' of fall/winter. Our thanks to Broderbund Software for their presentation at our July meeting. They also left a number of demo disks for the club's library.

We also have a demo disk of StyleWare's Multiscribe GS word processing program. It requires 512k of memory to run on the IIGS.

This particular demo moves the Apple II software into a new area for the club, 3.5 inch disks. Pricing for IIGS software requiring 800k disks will be the same as current pricing for Mac 400k disks. Not all IIGS software will require the 3.5 inch disks, other IIGS software will still be distributed in ProDOS format on 5.25 inch disks at current prices.

Broderbund Demo Disk

ANIMATE - This is a self-running demo disk that shows the many features of Animate. This program lets you take your drawings and designs (including those created with Dazzle Draw) and turn them into double hi-res animations, complete with sound and text for the Apple //e, //c and IIGS with 128k.

DAZZLE DRAW - Self-running demo is a double hi-res drawing program for the Apple //e, //c and IIGS with 128k of memory. Allows professional designers to produce sophisticated and high-quality graphics, prints and slides while bringing out the artist in any beginner.

FANTAVISION - Self-running demo of a program that allows you to create cartoons, special effects and complete motion pictures. This program uses a technique called 'tweening' that will automatically generate up to 64 'in-between' frames to make your first picture turn into your second. For the Apple II+, //e, //c with 64k; and new version coming for the IIGS.

SCIENCE TOOLKIT - Self-running demo of the program that turns your Apple II computer into a science lab. The full program package comes with a light probe and a temperature probe. The software includes an on-screen timer, thermometer, light meter and strip chart. 2 additional modules are available to add to the Toolkit as well as a special school edition with teacher's guide for classroom use. For Apple II+, //e, //c and IIGS with 64k memory.

WHERE IN THE U.S.A. IS CARMEN SANDIEGO? - Interactive demo disk where you become the 'gumshoe' and try to track down the villain Carmen SanDiego. Takes you on a chase across all 50 states. Interesting way to learn about the United States. For Apple II+, //e, //c and IIGS with 64k memory.

StyleWare's MultiScribe GS IIGS/Demo

MultiScribe GS is a full-feature word processor for the IIGS, giving you all the word processing power of the Mac (that's what the author thinks—Ed.) plus the ability to add color and hi-res graphics. This demo is a selected feature demo, in that some of the functions have been stubbed out. You can, however, do a great deal with this demo and get a very good feel for the abilities of the program. For the Apple IIGS with 512k of memory. Please note that this disk is distributed in the 3.5 inch format.

IAC DOM #69 IIGS/ProDOS
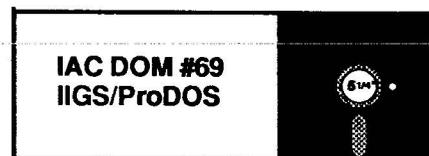
For the IIGS is DOM #69 from the International Apple Core (IAC). This disk contains a number of Desk Accessories, or DA's, most being classic DA's (CDA's) and a New DA (NDA). Included on the disk is the source for each of the DA's for those of you who would like to see how they are written. The source code does contain some amount of comments. In last month's newsletter, I mentioned that the documentation was a little scarce on the disk and that I would try add something before releasing this disk. Well to the rescue came A+. Their September issue contained a feature article on DA's and the DA's on this disk in particular. So, between gleaning information from the IIGS reference manuals and some help on the individual DA's from A+, I've been able to add a little bit of information to get you started with IIGS DA's. Please look for this article in a future edition of this newsletter

Here's a quick summary of the DA's on **IAC69**:

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

HDB.Convert - by Bill Ruff - Does number conversions between Hexadecimal, Decimal and Binary number systems.

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

Meltdown - (The NDA) by Jason Harper - Simulates your screen melting in the summer sun.

MTRemover - by Jason Harper - Removes MouseText characters from old programs that don't handle MouseText properly.

Notepad - by Glen Bredon - Lets you jot down notes and later save them to disk.

Ratcalc - by Glen Bredon - RPN Calculator

Typeit - by Glen Bredon - Allows you to enter a line of text and then send it to the printer when RETURN is pressed (aka Typewriter).

Visibell - by Jason Harper - Replaces the CTRL-G beep by causing the border area to flash in opposite color.

Also included are some utilities to convert Atari ST graphics files to IIGS format.

Talk Is Cheap ProDOS

To round out the month, we have an upgraded version of the communications program Talk Is Cheap from the IAC. This particular version is 1.22. Previous club version was version 0.35. To receive an upgrade, bring your Mini'app'les copy to the DOM sales person for an exchange at a club meeting, or send it to the club's P.O. box along with $1.00 to cover handling and return postage.

GS Controversy on Local BBS
by Tom Edwards

Here's a recent exchange off of the TCCN BBS about the Apple II series. Sorry I missed the original inquiry from Capt'n Long, but the gist of it was something like this (names changed to protect the guilty!):

```
To.......All
From.....Capt'n Long
Category.Apple
Subject..Apple //gs
Date.....9:12pm - 09/18/87
```

Any of you Apple folks have anything to say, good or bad, about the Apple IIgs? I'm looking to buy something soon, and would appreciate any comments about your experiences.

And the replies came across the wires:

```
To.......Capt'n Long
From.....The Duke
Category.Apple
Subject..Apple //gs
Date.....10:26pm - 09/18/87
```

My son WON a rather complete //gs system, so I don't have an investment to protect or bias my observations (though I don't claim that my opinions are UNbiased!).

I had an Apple II system for several years, before moving to Mac. The family made good use of it and felt that it served our needs well...WP, games, art and music, with a little BASIC programming tossed in.

Although the II pales before the gs, I feel that the gs is but a shadow of what it should (or still could!) be. On the curve of what is available in today's market place, I classify the gs as 1.) slow to a fault, 2.) overpriced by 20-40%... depending on if you are looking at a "deal" or looking at list, 3.) lacking development support from Apple Corporate, and 4.) lacking development support from third party developers.

The potential for a truly great machine is there, believe it or not. The graphics are good (in resolution and color), the Ensoniq sound chip holds a wild and wooly caress locked within its silicon, and the package that contains it all looks neat.

In the year that the machine has been out, there's precious little software developed for the gs, leaving little more than //e

software, which you might as well run on the e or c anyway (THE program is AppleWorks, and that does not use the gs features except for the higher available clock rate). Programs that use the gs in the "Mac-ish" interface mode are no match for the real MacThing. (I'd be happy to buy a comparable program just to get the kid off of my Mac, but I haven't seen a look-alike with enough speed to be reasonable. If I wouldn't use it on the gs, I'm not going to foist it on him!)

It depends on what you need/want the computer for, of course. If there's a gs feature that is right up your alley, then look hard at this and see if you can live with it for quite some time, for I don't think that there's much "new" that will be rushing to the shelves. If you've got a II program inventory, it WILL let you move a lot of it forward, but not 100%. If you are looking to move to a gs from nothing (not likely, since you dialed in to TCCN) or another (smaller/older) computer, I'd look REAL hard at other possibilities... Tandy, Atari, Amiga et al. If you are looking for your first computer, and looking for more serious output, along with a lot of fun, then the Mac is where it's at.

```
To.......The Duke
From.....Capt'n Long
Category.Apple
Subject..Apple //gs
Date.....08:24pm - 09/20/87
```

Thanks Duke,

I really enjoyed your comments on the Apple series. Now, with 60 // gs user on this system, where are the rest of you???

```
To.......Mr. Apple et al
From.....Medium Rari
Category.Apple
Subject..Slow //gs
Date.....05:31pm - 09/21/87
```

One of the more recent rumours I've heard about Apple and the //gs: Applied Engineering is presumably working on a speed-up card. The RUMOUR is that AE has been told (in couched voices) that if the card runs at over something like 6MHz that Apple will stop "supporting

them" in their Apple // efforts because that would cause the //gs to be a significant challenge to the Mac (at least in terms of speed).

—Comments?—

```
To.......Medium Rari
From.....DrawMan
Category.Apple
Subject..Rumors
Date.....07:23am - 09/22/87
```

It comes from both ends. I heard the reason there is no color Mac SE or Mac Plus is that it would wipe out IIgs sales. I suspect both are just that—rumors.

```
To.......DrawMan
From.....Medium Rari
Category.Apple
Subject..Rumours
Date.....02:05pm - 09/22/87
```

If that's the case, how come there's no 68030 or now 68040 in ANY Mac? The question I raised re AE had less to do with machines than with Apple's attitude toward third-party developers and I seek a response in that vein (afterall, we already know what happened to the Apple ///).

```
To.......Medium Rari
From.....DrawMan
Category.Apple
Subject..Rumors
Date.....09:28am - 09/23/87
```

Med. there is no mass availability of a 68030 chip or 68040 as far as I know. Motorola manufactures them and they just announced that shipments of the 68030 will begin this fall. The 68000 series drives more than Macs as it is popular in a lot of workstations. I suspect Apple gets in line for their share just like everybody else with a wee bit of prefs.

Your comments of a third party having the kaboshes put on them by Apple "because it would cause the IIgs to run faster than a Mac" is just that —a sour grapes rumor. The MacPlus can be souped up so it can run faster than a VAX by third party people. Apple has no control over them other than your altering voided your warranty or eliminated Applecare insurance. **Goto 13**

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Hedlund, Marcus D.	55422	612-537-0713
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Hooper, Stanley B.	55055	612-459-7915
Horswill, James	55414	612-379-7624
Houle, Terry R.	55437	612-835-9994
Hoye, Almon G.	55436	
Hoyme, Richard	55442	612-559-0081
Hreha, Richard	55416	612-922-0203
Huber, S.	55431	612-888-8180
Huck, William	55110	612-426-2545
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Hum, Vilma A.	55122	612-890-7451
Hurley, Patrick	55364	612-472-5416
Huset, Ben J.	55436	612-938-0079
Imbertson, Jack	55108	
Indian Head, Library Syst.	54703	
Ingvaldsen, Russell E.	55418	612-781-3847
Irwin, David D.	55101	612-224-5431
Iverson, Julie/Craig Arko	55108	612-646-7815
Iverson, Bruce J.	55068	612-432-8248
Jacksha, Robert	55426	612-546-3808
Jackson, Paul L.	55414	612-378-1187
Jacobs, Don & Celia	55437	612-831-6422
Jacobson, James L.	55420	612-888-5253
Jacoby, James W.	55420	612-888-5888
Jadron, John	55431	
Jaehne, Andy S.	55427	612-374-5334
James, John T.	55345	612-474-7352
Jarmuz, Michael	54016	715-386-5030
Jarvis, Robert W.	55407	612-729-5513
Jensen, William C.	55401	612-338-0002
Jensen, Jean M.	55337	612-890-6520
Jeske, Christine M.	55340	612-478-9562
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Johnson, Reese C.	55401	612-339-5119
Johnson, Stephen K.	55419	612-869-3447
Johnson, Steven F.	55014	612-786-3028
Johnson, Roberta & Gary	55110	612-770-5931
Johnson, Roger A.	55434	612-786-7867
Johnson, David S.	55404	612-341-2040
Johnson, Mike	37167	612-434-9809
Johnson, Mark J.	56007	507-373-1588
Johnson, Larry N.	55119	612-738-6490
Johnson, Kim V.	55122	612-452-6906
Johnson, Richard L.	55447	612-473-2939
Johnson, IMC, Ken	55420	
Johnston, John A.	55391	612-473-4467
Jolliffe, Clinton	55423	612-925-2199
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Jones, Robert B.	55126	612-484-7339
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Karsten, Yvonne	56001	507-388-1187
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Kelsey, Robert C.	55113	612-633-6102
Kemp, Grant E.	55902	
Kenfield, Dick	55343	612-938-4382
Kennedy, Charles G.	55075	612-455-3919
Kesner, Craig	55446	612-557-0653
Keyser, Earl	55110	612-429-5570
Kieffer, Mark J.	55442	612-533-9744
King, William C.	55033	612-437-8976
Kinnunen, Gil	55432	612-571-9587
Kistner, Joan C.	55437	612-835-0641
Kittell, Bonnie	55423	612-869-3826
Klemann, David	55106	612-771-3676
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Klocke, Arnold W.	55431	612-884-6637
Kloempken, David	55410	612-922-0459
Knoff, William S.	55432	612-571-1938
Knox, Jeanne	55409	612-822-1270
Koenig, Hans J.	55436	612-825-4395
Koivumaki, Fred	55416	612-926-7175
Kolacke, John M.	55435	612-944-6600
Kolbinger, Nannette M.	55113	
Kopren, Terry	55343	612-536-8304
Kosse, Charles	55102	612-778-0253
Kostial, Barbara	55391	612-473-4532
Kouatli, Omar	55424	612-920-8030
Krause, James W.	55416	612-377-0747
Krefting, Wayne L.	55410	612-929-7087
Kroll, Arnie W.	55025	612-433-3517
Krueger, Kae	55426	612-546-2424
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Kutzner, James A.	55108	
Kvasnik, Walter	55116	612-690-2327
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LaBelle, Jean H.	55402	612-623-0083
Laberee, Jon E.	55420	612-861-7103
Lacabanne, Leon	55343	612-544-1981
LaCombe, Constance	55105	612-699-1104
Laden, David E.	55113	612-489-8321
Lagaard Jr, Sheldon	55387	612-442-5401
Lamb, Mike	55431	612-881-1697
Lammers, Trudy	55113	612-644-0532
LaMotte, Les	55337	612-894-1879
Lampe, Fred R.	27514	
Landry, Chuck	63303	314-928-6240
Langer, William J.	55344	612-937-9240
Langfield II, William H.	55410	612-926-2182
Langsetmo, Ellen	55422	612-588-3918
Lapinski, Joe	55432	612-571-1952
Larsen, Ken C.	55427	612-537-5612
Larson, Richard D.	55420	612-854-8712
Larson, Richard O.	55407	612-724-6228
Larson, Vada	55387	612-442-4530
Larson, Vicki	55118	612-457-0308
Latham, Ken S.	55119	612-735-4536
Lau, David	55416	612-920-1696
Lauen, Larry	55124	612-432-0313
Lawler, Jr., Casimir E.	55344	
Leerhoff, Vic	55429	612-537-4791
Legg, Dianne C.	55413	
Lehto, Lynn Dee	56401	
Leighton, Hudson	55405	
Leisman, Wayne M.	55063	612-629-2873
Leiter, Gil	55109	612-770-3509
Lelchuk, Steve	55409	612-824-4818
Lenarz, Michael D.	55423	612-869-8471
Lewis, Mark E.	55122	507-583-7593
Lex, Mark G.	55337	612-894-1522
Lieske, Jody R.	56001	
Lind, Chuck	55343	612-722-3010
Lindbeck, Robin L.	55113	612-429-0652
Lindgren, Jerry K.	55118	612-451-9325
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Litton, Stephen F.	55427	612-544-1554
Lomker, Michael H.	55422	612-535-0415
Lonn, Dana R.	55417	612-824-6074
Lovestrand, David	55438	612-829-2454
Lowe, Bob	55345	612-933-0464
Lucas, Bob	55119	612-778-1514
Lucht, Gary J.	55075	612-455-1754
Lufkin, Thomas M.	55116	612-698-6523
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Mansfield, Colin	55407	612-823-8762
Marchiafava, Richard A.	55432	612-572-9305
Maroushek, Dale R.	55109	612-777-5309
Martin, Rev. George H.	55409	612-822-1084
Martin, Paul John	55343	612-935-7756
Martin, William A.(Andy)	55408	612-822-3206
Martin, Gerald R.	55423	612-861-7993
Martinkovic, Skip	55441	612-559-4152
Mason, Thomas R.	55409	612-824-0825
Matross, Ron	55104	612-646-5755
Maxwell, Stephen L.	55104	612-222-7600
Maxwell, Don L.	55441	612-544-5738
Mayclin, Todd A.	55426	612-920-0328
Mc Andrews Jr, William J.	55104	612-645-6713
Mc Cann, James J.	55112	612-636-2282
Mc Clure, Martin R.	55105	612-227-9348
Mc Curdy, Rudi E.	55447	612-559-1080
Mc Guinn, Frank	55436	612-935-7653
Mc Neely, Gerald	55122	612-454-7225
Mc Neff, Marvin R.	55116	612-690-0125
Mc Reynolds, Barb	55016	612-459-9739
McBride, Geraldine A.	55068	612-432-1793
Mecklin, James and Diane	55444	612-522-8527
Medberry, Scott	55113	612-633-5552
Mehle, Thomas	55412	612-529-6774
Melony, Charles	55331	612-474-9461
Melsted, Barnie	55369	612-420-2775
Merry, Thomas A.	55426	612-922-2087
Meyer, Alex J.	55369	
Meyer, Dennis	55364	612-472-5023
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Mille Lacs Co DAC,	56353	612-983-2162
Miller, Daniel G.	55104	612-647-9572
Miller, Bruce	55446	612-553-1765
Miller, Tom R.	55441	612-546-9532
Miller, Bradley N.	55441	612-472-7565
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Mlekoday, Hank J.	55343	612-933-4461
Moen, Dean M.	55303	612-421-5549
Moline, Arlett E.	55437	612-835-3296
Moll, Virginia C.	55343	
Moon, Carolyn	55417	612-822-8282
Moon, Greg	55435	612-929-3811
Moore, Michael C.	55402	612-377-5835
Moore, Terry	55011	612-753-1823
Moran, Jack	55424	612-920-0558
Moriarty, Jerry D.	55116	Not Provided
Morris, David	55107	612-228-1875
Morrison, James W.	55414	612-623-3141
Moulin, Donald D.	55102	Not Provided
Mueller, M.E.	55364	612-472-1104
Mueller, Donald L.	55417	612-729-2083
Muenkel, Brian J.	55374	612-420-2148
Mulhausen, John	55414	612-623-7843
Murphy, Jim	55410	612-926-8430
Mustonen, Mike	55436	
Nagel, Bill	55337	
Neigebauer, Daryl A.	55060	507-451-4865
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Nelson, Jeffrey W.	55345	612-476-2778
Newberg, Dave & Mike	55331	
Newhams, Kenneth R.	55405	612-823-5850
Newmark, Richard A.	55119	612-735-4541
Newquist, Ronald E.	55316	612-421-1067
Newton, Daryl	56482	218-631-3864
Nielsen, Donald G.	55441	612-559-5942
Nielsen, David J.	55369	612-424-4191
Nimchuk, Bob	55369	612-424-2449
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Nolan, Nancy	55391	612-473-4722
Nollan, James E.	55119	612-731-2016
Norback, Judy	55435	612-927-5537
Nordvall, David	55417	612-724-9174
Norman, Ben	55089	612-258-4507
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North, Aalan	55364	612-472-1317
Nowlin, Dr. Duane D.	55112	612-636-2990
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O'Brien, Jack	55040	612-444-4913
O'Brien, PDouglas	55447	
O'Keefe, Patrick	55412	612-588-8174
O'Laughlin, Tim	56011	612-873-6477
Ohno, Tom T.	55431	612-831-5869
Ohnstein, Tom R.	55113	612-636-4595
Olesen, Randal V.	55343	612-933-1643
Olsen, Walter Skip	55407	612-729-0087
Olson, Alan	55433	612-427-7190
Olson, Scott T.	55110	612-777-6425
Olson, Ried H.	55417	612-827-8972
Olson, David L.	55431	612-888-6527
Olson, Dallas	55423	612-861-5828
Ortiz, Gene	55441	612-544-5065
Ostertag, Thomas	55108	612-488-9979
Ostrov, Dr. C. S.	55421	612-544-6459
Padden, John R.	55433	612-427-9037
Parnell, Bob	55105	612-699-0204
Patterson, Robert P.	55421	612-788-4860
Patterson, Paul G.	55421	612-574-9424
Pauley, Chuck	56201	612-235-9585
Paus, Glenn H.	55406	612-722-6477
Pavlisich, Ernest J.	55316	612-427-8123
Pawlik, John J.	55429	612-537-5185
Payne, J. R.	55356	612-476-0808
Peak, Dorothy L.	55414	612-378-7669
Pechumer, Willard	56007	612-377-0122
Peitz, Paul J.	55429	612-560-9370
Penna, Cecile M.	55115	612-429-6330
Peploe, Ella Jean	55427	612-546-4605
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Peterson, Richard H.	55356	612-473-5846
Peterson, Orin M.	55431	612-884-4447
Peterson, Richard A.	55082	612-439-5108
Peterson, Dr. S.G.	56353	612-983-2360
Peterson, Les	55419	612-823-2631
Peterson, Charles H.	55364	
Peterson, Jim	55126	612-484-3390
Peterson, Steven	55436	
Peterson, Donald A.	55447	612-473-0716
Peterson, Norman C.	55113	612-484-3410
Pettit, Robert E.	55110	612-429-6028
Pfaff, Robert J.	55123	612-452-2541
Phenow, Larry H.	55409	612-825-6068
Philabaum, Carl M.	55405	612-377-5134
Phillips, Brad	55437	612-884-0745
Piepho, Dale A.	55109	612-770-6079
Pluntz, Richard V.	55420	612-884-6122
Poague, Gary L.	55108	612-444-0625
Polister, Norm	55419	612-824-8816
Post, Richard E.	55428	612-533-1896
Pratt, Patrick D.	55126	612-483-1017
Pratt, Roger	55408	612-729-0981
Preves, David A.	55435	612-941-5989
Putrich, David J.	55423	612-866-9473
Qualey, Terry K.	55110	612-777-6915
Quinn, Judy & Arthur A.	55379	612-445-7715
Rademacher, Elaine	55105	612-698-4532
Radloff, Bob	55417	612-727-2952
Ramos, Tom P. & Mary	55432	612-786-4907
Ratliff, Jerry L.	55104	612-647-0783
Ray, Shirley	55110	612-482-8322
Raymond, Ronald G.	54016	715-386-6102
Red Barron,Campbell,	55343	
Reed, Michael	55109	612-427-5249
Reed, Robert	55447	
Regowski, Gene	55441	612-546-4219
Reich, Ronald R.	55420	612-888-7813
Reid, Tom R.	55105	612-698-9584
Reinken, Jim	55372	612-440-5436
Remer, Teena	55401	612-933-1876
Renman, Barbara	55343	612-935-2833
Resoft, Leroy A.	55934	507-545-2753
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Rice, Guy T.	55117	612-489-7634
Rice, Thomas J.	55126	612-484-5519
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Richards, Mark E.	55410	612-925-3625
Riebe, Bruce A.	55102	
Riesselman, Robert A.	55331	612-470-0196
Ringsmuth, Paul L.	56387	612-251-7326
Riplinger, Rodney F.	55047	612-433-2672
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Rooney, John R.	55110	612-429-2901
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Rose MD, Thomas J.	55082	612-426-1555
Rosen, Curt	55117	612-490-0629
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Rosenow, James F.	53094	414-261-2536
Rourke, Mary Joan	55113	612-483-1228
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Rupp, Bob	55345	612-934-1246
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Sachs II, Samuel	48203	
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Salo, Wayne R.	55330	612-263-2477
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Sandberg, Chris	55445	612-425-0105
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Schenz, James L.	55082	612-426-4409
Scheu, James W.	55441	612-544-6084
Schiller, Russell	55419	612-926-5412
Schlicher, David W.	55423	612-869-8262
Schlichting, David	55119	612-738-3362
Schnide, Joe	55016	612-459-4488
Schnorr P.E., Ralph J.	55435	612-835-9836
Schoeppner, John C.	55075	612-455-8613
Schuller, Kathleen M.	55431	612-888-1834
Schultz, Clayton B.	55044	612-469-1047
Schwalbe, Raivo	55416	612-922-2906
Schwartz, Terry	55118	612-455-5222
Schwendeman, P/Mike	55031	507-263-3801
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Scott, Robert K.	55447	612-475-0582
Seals, John B.	55075	612-457-5834
Sedio, Lou & Milan J.	55437	612-831-4630
Selvik, Rick	55413	612-378-3816
Seng, Richard C.	55401	612-333-5840
Seufert, Jerome	55126	612-483-0491
Severson, Terry L.	55438	612-941-1061
Sharpsteen, Jerry L.	55337	612-890-5068
Shea, James T.	55423	612-866-5321
Shepherd, Beverly	54022	
Shervey, Paul	55409	
Shields, Jim & Wendy	55304	612-789-0026
Shnider, Bruce J.	55402	612-377-6322
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Siegel, Sarah	55423	612-866-8990
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Simes, Jolinda	55404	
Simons, Gerald A.	55431	612-881-2936
Singer, Skip	55403	612-870-9384
Sinkler, Russ	55124	612-431-4252
Skolte, John	55118	612-451-7907
Skrove, Mark	55429	612-533-8411
Slingsby, Ken	55089	507-263-3715
Smedman, Roger A.	55122	612-452-5131
Smith, M. Wiley	55420	612-881-0940
Smith, Richard A.	55126	612-484-6377
Smith, Richard	54701	
Smith, Jack	55437	612-831-6050
Smith, Danny	55415	612-333-8466
Snidarich, Frank J.	55431	612-888-8522
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Sorell, Jan	56377	612-252-2930
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Sornson, Gayl	55426	612-935-1086
Sower, Gehry D.	55433	612-421-1524
Spangler, Garry	55124	612-423-1266
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Spitler, Ed	55124	612-432-4086
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Starr, Richard T.	55122	612-452-6745
Stefan, Mark	55407	612-824-3440
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Steinberg, David	55337	612-894-8342
Steinbicker, Bill	55345	612-931-9047
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Stitzel, Keith	55419	612-861-5401
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Stoner, Lela June	55422	612-537-8504
Stout, Gary	55435	612-451-0195
Stovall, David	55331	612-474-8015
Strathman, Larry	55417	612-724-2833
Streifel, Andrew J.	55116	612-690-5175
Stueven, David	55109	612-777-8683
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Swenson, Dave	55112	612-636-0632
Swenson, Jim	56187	507-836-6350
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Sydow, Beuno	55113	612-633-8150
Taintor, Mark	55317	612-934-0211
Taus, David	55303	612-441-6137
Taylor, Terry B.	55421	612-789-5886
Taylor-Sharp, Keith	55104	612-646-4576
Tenney, Quentin E.	55337	612-890-7886
Terry, Ken	55428	612-535-8540
Thames, Martin	55345	612-934-3517
Thayer, Ellen	55419	612-926-0622
Thiesfeld, Chuck W.	55431	612-831-0009
Thiesfeld, Lloyd A.	77459	713-438-6837
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Thompson, Roy L.	55113	612-636-3419
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Thompson, Mike	55436	612-935-9922
Thompson, Sally	55025	
Thuston, Francine Creme	55116	
Thwaites, Jim	74136	
Tillman, David F.	55112	612-636-8923
Timmermans, Kevin P.	55408	612-872-0641
Tjosvold, Bruce	55411	Not Provided
Tobias, Roger	55418	612-788-5944
Totten, William M.	55105	612-699-1220
Townsend, John C.	55105	612-699-0798
Townsend, De Wayne	55406	612-724-7010
Treen, Harold M. (Chip)	55406	612-729-3550
Tryggestad, Janelle A.	55408	612-925-2436
Tuchner, John P.	55016	612-459-0316
Tveter, Nolan C.	55102	612-644-8246
Tuchscherer, Dave	56401	
Twito, Paul	55404	612-872-9763
Uhl, Alan	55108	612-644-9810
Ulstrom MD, Robert A.	55416	612-377-7707
Undlin, David	55124	612-432-0913
Urseth, Mike	55423	612-861-1562
Van Alstine, Frank	55337	612-894-5076
Van De Walker, Peter G.	55304	612-786-6444
Van Guilder, Gerald	55119	612-776-6829
Vangsgard, Charles	56001	Not Provided
Vanheel, Richard	55428	612-533-3723
Vano, Mario P.	55418	612-788-9547
Verbout, Tom	55016	612-459-3196
Vidmar, David L.	55710	218-749-2960
Vietz, Evelyn M.	55421	612-571-6980
Vimr, D.J.	55121	612-454-1461
Vind, Thomas H.	55447	612-473-0455
Vinzant, Ray	55113	612-698-0864
Vogel, Daniel F.	55109	612-776-4294
Volstad, O.Andrew	55402	612-429-0088
Wagner, Gordon	55103	612-221-9705
Wakefield, Brad	55359	612-473-5239
Walburn, Allen D.	55105	612-690-4474
Walcker, Scott	55025	612-464-2449
Walker, Stephen J.	55102	612-291-0831
Walker, Brian K.	55406	612-722-6975
Wallace, Julia F.	55414	612-378-9429
Walsh, Jeanne H.	55040	612-753-3204
Walters, David B.	55426	612-546-9772
Ward, Vic	55101	612-699-0649
Warner, Wilton	55345	612-934-9366
Washburn, Dan G.	55102	612-221-0530
Watters, Steven H.	55126	612-483-3569
Weatherby, Paul	55344	612-937-0373
Weber, Lillian M.	55424	612-926-4533
Weber, Butch	55109	
Webster, J. Scott	55345	612-935-8978
Weddle, Larry	55431	612-881-0285
Welch, Gene	55442	612-559-1166
Welch, Rob	55318	612-448-7426
Welch, William W.	55364	612-472-3628
Wemlidger, Fredric	56302	
Wenthe, Fred	55419	612-822-5365
Wessel, Richard	55447	612-473-7039
Westby, Solveig	55343	612-938-9463
Westling, Ryan E.	55438	612-941-2452
Wheeler, J. Edward	55423	612-881-5928
White, Garry C.	55944	507-634-4161
Whitmore, Mark	55426	612-445-5568
Widmer, Ron	55113	612-631-1499
Wiese, Dick W.	55436	612-929-6261
Wigand, Richard	55410	612-922-5998
Wilhelm, Joel	55337	612-890-9067
Wilkening, Keith E.	55437	612-831-8356
Willenbring, Pat	55105	612-698-7047
Williams, Lindy	55438	612-944-0333
Willmore, Ben	55418	612-789-1396
Wilson, Benjamin H.	55105	612-645-4004
Wilson, William R.(Bill)	55426	612-545-8368
Wilson, George F.	55447	612-475-1056
Wilson, Ken	55447	612-475-2848
Wilson, Bob	55438	612-941-1720
Winget, David W.	55435	
Winsor, James A.	55431	612-831-8149
Winston, Neil	55104	612-645-8443
Wirth, Nancy & Marty T.	55391	612-473-4791
Witchger, Tom	55447	612-553-1653
Wolfe, Lynn M.	55106	612-771-1117
Wolff, Paul F.	55371	612-389-1423
Wolken, Kimberly A.	55405	612-870-7144
Wood, C.Levering	55410	612-927-4754
Wood Jr, Ervin D.	55422	612-588-4743
Woods, Bob	55427	612-593-5092
Woodward, Frederick B.	55115	612-426-4060
Workman, Jane Henry	55419	612-822-7159
Young, Alwin C.H.	55438	612-944-8909
Young, Donald	55116	612-690-5600
Ziegler, Karen L.	55419	612-823-1610
Zimny, Paul	56323	612-795-2286
Zurawski, P.E., Jozef F.	08820	201-381-6819

IIGS Controversy Cont

I doubt a IIgs could run that fast. What is not known is that maybe Apple said said pretty much the same as they said with Levco upgrades on the Mac—no warranty. Maybe there were technical difficulties. Maybe it didn't jive with planned ROM or operating system changes. What I'm saying is there is a host of possibilities. But it is a free country. That company can do as they please and they don't need Apple's blessing unless they are using proprietary licensible technology in their product.

```
To.......Capt'n Long
From.....Icosahedron
Category.Apple
Subject..GS
Date.....11:16am - 09/23/87
```

Hi Capt'n, I used a GS for a few weeks. I am very impressed and want my own. I was unhappy with not being able to access the windows or graphics from basic and did not have the money to buy pascal to use the programs from magazines like incider and A+.
 Using standard II programs on the GS made me feel like a race car driver trying to get through town at 30 miles an hour.

```
To.......DrawMan
From.....Medium Rari
Category.Apple
Subject..Sweet Lemons
Date.....06:00pm - 09/23/87
```

It may sound like Sweet Lemons, but I'd still like to hear some verbiage that has somewhat of an "official" Apple label attached to it.
 [per speedy micros: one of THE FASTEST micros available (and yes it is ['do-able') is parallel processing using one of the cheapest chips [available, the 6502. It SCREAMS...

```
To.......Icosahedron
From.....Medium Rari
Category.Apple
Subject..GS
Date.....06:02pm - 09/23/87
```

But what fun getting from 0 to 30!!

```
To.......Icosahedron
From.....Capt'n Long
Category.Apple
Subject..GS
Date.....07:34pm - 09/24/87
```

Thanks for your response. I now

have one, and think it is great! (no matter what the Mac and ST people think!??!) I have found that in so many ways it is more compatable than my enhanced //e, when it comes to the mousetext interfering with the inverse caps on some older programs. By changing the speed to normal (1 mhz) it will use the inverse letters like the old] [+, and at fast speed (2.8 mhz) it acts like the enhanced // e. I am waiting for the memory card to try out some graphics and sound programs I have, going to challenge my //e with AE's phasor card to a sound off. (bet the //gs will beat the pants off the phasor!) Oh well, enough rambling,,,,,,

```
To.......Capt'n Long
From.....SAMURI MASTER
Category.Apple
Subject..gs
Date.....12:44pm - 10/03/87
```

well let me tell you sir. Stilwater SHS highschool just got about 20 of the darn things, Havent been in the typeing room to see them yet though. too much else to do, Im a Computer Programer for 916 Secondary tecnecal school.
 with money comes quality.
 SAMURI MASTER

```
To.......SAMURI MASTER
From.....Capt'n Long
Category.Apple
Subject..gs
Date.....09:36pm - 10/03/87
```

Check them out.. I am having great fun blasting out the windows with the music studio. Of course that is when my wife isn't using it for the same thing.. Then I am stuck using this AT clone..
Oh well.......

```
To.......The Duke
From.....Gater
Category.Apple
Subject..IIGS
Date.....01:05am - 10/08/87
```

GS IS A FINE MACHINE. SO MANY MAC'ERS FORGET THAT THERE WERE ONLY 3 PROGRAMS FOR THE FIRST YEAR OF ITS LIFE. GIVE THE MACHINE SOME TIME FOR SOFTWARE. THE HARDWARE COMPANIES HAVE COME OUT RUNNING WITH MEMORY BOARDS, STEREO MIDI ADD-INS, THERE ARE 2 SPEED UP BOARDS DUE OUT BY YEARS END. (THE ONLY PLACE APPLE REALLY MESSED UP...SPEED) THE CHIP IS DESIGNED TO RUN AT 16MHZ! AH, BUT THAT WOULD

HAVE BEEN A COLOR MAC. THEY HAD THE APPLE II MAC IN THE WORKS FOR THAT. AT PRESENT THERE ARE ABOUT 2 DOZEN IIGS ONLY PROGRAMS. THERE ARE, HOWEVER, MANY RE-RELEASED IIE AND IIC SOFTWARE PROGRAMS THAT RUN VANILLA ON A IIE OR IIC BUT TURN THEMSELVES LOOSE ON A GS. COUNTING THESE, THERE ARE 60 SOME PACKAGES THAT MAKE USE OF THE GS ABILITIES. ALSO GS-BASIC IS LISTED AS AVAILABLE. ONE FROM APPLE, ONE FROM TML SYSTEMS AND ONE COMING FROM BYTE WORKS. ALL HAVE THE HOOKS INTO THE TOOL BOXES TO WRITE NATIVE GS PROGRAMS.

```
To.......Medium Rari
From.....Gater
Category.Apple
Subject..IIGS SPEED
Date.....01:09am - 10/08/87
```

GIVE ME 16MHZ OR GIVE ME DEATH.... LONG LIVE AE.....

```
To.......DrawMan
From.....Gater
Category.Apple
Subject..SALES
Date.....01:21am - 10/08/87
```

IIGS VS COLOR MAC SE. SALES WOULD NOT BE HURT. YOU HAVE OVER 40,000 PROGRAMS UNAVAILABLE TO THE APPLE OWNER WITHOUT A 5.25" DRIVE. IIGS TARGET MARKET IS EDUCATION AREA. THERE ARE UNTOLD THOUSANDS OF EDUCATION PROGRAMS THERE FOR THEM. THE IIGS GIVES THE SCHOOLS ONE MACHINE THAT CAN BE USED FOR K THRU 16 CLASSES. WITH THE PRESCHOOL THRU 8TH BEING THE MAJORITY OF THE 5.25 VARIETY. NOW ON THE SAME MACHINE, THEY CAN ALSO TEACH THE WONDERFUL WORLD OF THE APPLE INTERFACE. MAYBE NOT EXACT AS THE MAC, BUT A LOT CHEAPER THAN HAVING MULTIPLE MACHINE TYPES.

```
To.......Medium Rari
From.....Gater
Category.Apple
Subject..3RD PARTY DEVELOPERS
Date.....01:27am - 10/08/87
```

APPLE SHOULD ONLY NEED TO LOOK AT ITS SHORT HISTORY TO SEE WHY I CAN, IN 1987, STILL RUN MY 1979 APPLE II WITH 1 MEG RAM, 3.5 MHZ SPEED UP, 20 MEG HARD DRIVE, ETC.
 THERE ARENT MANY APPLE LOGOS ON MY ADD-ON HARDWARE, JUST A LOT OF 3RD PARTY LOGOS. SURE, I MAY NOT HAVE BOUGHT A SHINEY NEW APPLE IN THE LAST 8 YEARS, BUT I'VE HAD NO NEED TO BUY AN IBM XT TO GET THE POWER I NEED EITHER.

```
To.......DrawMan
From.....Gater
Category.Apple
Subject..3RD PARTY
Date.....01:47am - 10/08/87
```

LET'S GET REAL!!!

TO HAVE APPLE SAY "SORRY, NO SUPPORT" MEANS LOSS OF INTERNAL APPLE DATA ON PRODUCTS. HOW DO YOU THINK THESE OTHER COMPANIES RELEASE HARD/SOFTWARE ALONG WITH NEW MACHINES? HIRE A BUNCH OF GUYS WITH WEEGEE (FONETIK) BOARDS AND THINK ABOUT ETCHINGS?

APPLE NEEDS 3RD PARTY DEVELOPMENT. SURE THEY MAY BE SORE THAT SOMEONE IS DOING WHAT THEY SHOULD HAVE IN THE FIRST PLACE. AND IT MAY CAUSE A COUPLE OF LOST SALES. BUT LOOK AT WHAT IT HAS BOUGHT THEM OVER THE YEARS!

APPLE IS NOT YET AN IBM (THANK GOODNESS) WHERE THEY CAN JUST GO AND CREATE A HALF MILLION OF SOMETHING AND IF THEY DON'T SELL, MAKE ANOTHER ARTIFICIAL REEF IN THE GULF WITH THEM. APPLE DOES THE R&D, CREATES A BASE PRODUCT, 3RD PARTIES ADD ON TO IT, APPLE RELEASES A NEW VERSION SOME TIME LATER INCORPORATING THOSE THINGS THAT ARE BEING ADDED REGULARLY. MORE MEMORY, FASTER PROCESSORS, BUILT-IN HARD DRIVES AND THEN APPLE DOES WHAT IT DOES BEST. IT ADDS THE INOVATION TO THE NEW PRODUCT. BUT THEY STILL NEED THE HELP OF THE THIRD PARTIES DOING, BASICALLY, OUTSIDE R&D FOR THEM.

SO APPLE SAYS THEY'LL PULL SUPPORT, FINE, THE COMPANY STARTS MAKING PRODUCTS FOR THE NEXT GUY THAT COMES ALONG AND GIVES THEM SPECS TO WORK FROM. ALL AT A LOSS TO APPLE.

```
To.......Icosahedron
From.....Gater
Category.Apple
Subject..IIGS
Date.....01:50am - 10/08/87
```

LOOK FOR 2 OR 3 VERSIONS OF GS-BASIC NOW COMING OUT. THEY ARE RUNNING ABOUT $50. A LOT CHEAPER THAN $150 FOR PASCAL!

```
To.......Gater
From.....Capt'n Long
Category.Apple
Subject..IIgs
Date.....10:09pm - 10/08/87
```

Yea, I read that. Can't wait for some more goodies for my "wife's"

gs. Sometimes, I am stuck using my AT clone. (like right now!) Oh Well...

```
To.......Gater
From.....Medium Rari
Category.Apple
Subject..gs speed
Date.....10:42pm - 10/08/87
```

Do you REALLY think "they'll" let that one out? That's from the Engineering Group (or somesuch), right?

```
To.......Gater
From.....Medium Rari
Category.Apple
Subject..QUIT 'CHER YELLIN'
Date.....10:46pm - 10/08/87
```

Gater, ol man, what'd they do, for get the lower case on that machine? How do you like the COLOR FINDER on System Disk 3.1 ??

****
A little discussion to keep the wire warm. Are you an Apple II user? Where do you stand on the gs, in the Apple scheme of things? How about a little letter to the Editor and let us know?

More bytes later...
TWE

Beginners' Corner
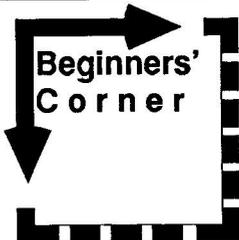
by Tom Alexander

This is the first of a continuing series of articles devoted to the new user of the Apple II. Ever mindful of the duty this club has to its new members, our President, Ann Bell, commissioned me to score a column in this newsletter for the new members and/or the new owners of the Apple II computer.

First things first. The most important member of Mini'app'les is the new member. It is from she or he that this club gets its impetus to move ahead and excel. Their ideas, suggestions, criticisms and comments are what keeps this club alive.

Most of us can remember that day we brought our first computer home. It was exciting! It was terrifying! After the thrill of

victory (learning how to turn the darned thing on), the agony of da feet set in when I realized that I had to learn what all those buttons were for and what those funny little boxes (disk drives) did. After staring at the blank TV screen (monitor) for a long while, I buckled under, summoned inner strength, turned the machine off and left the room. I didn't return for two days. And then only because I had to get something of a non-computer nature from that room. I left quickly.

It's not much fun being in the beginner's shoes. The most rewarding and beneficial investment in my Apple IIe was and still is, my membership in Mini'app'les. I was really impressed with the knowledge everybody had. All that computer lingo and everything. What really amazed me was the help that was available. When someone would raise a question, several people offered their solutions. It seemed like there was more help than questions. It's still like that. Going to the meetings is where you can meet others with the same interests as yours and get your questions answered.

This column is not going to make you a computer whiz kid but we should have some fun. I hope to cover the ground that gave me a bad time and some of the fun times when I was starting out. If you've got a question or topic or whatever, give me a call. This is YOUR club. Tom Alexander 698-8633.

Mac Users Face Double Vision

by Tom Edwards

Sometimes things are not as they seem", said Alice. Or was that me, at the latest Mac User meeting? Yes, I think that it was I! The Limelight played tricks up on the wall, showing first one face in its green hue, and it was HyperCard, right? Whoops, no, maybe it was 4th Dimension, or was it 4th Dimension *pretending* to be Hyper-Card?

Every once in a while, I run across a meeting that is very hard to fit into a nice little cubby-hole... hard to make sense out of my notes and tell you what it was all about. And for me to be at a loss for words!! Well, that's about like saying that a toad ain't got warts!

David Stovall slipped us into the start of the meeting just as though there would be nothing unusual on this cool, crisp October meeting night. The place was familiar... the South-dale/Hennepin Library. So were the 100 or so faces, seen so many times at other Mac meetings. Announcements were exciting, with lots of neat program features coming up. Big names, like *Bill Atkinson* and *Dan Winkler*, Apple/Mac/HyperCard gurus (check the calendar for the November 19th meeting!). And have you been following the Mac eDOM story? They're all revamped, cleaned up and selling for less! One of the newies is a Hyper-Card Stack, too. The first Mac eDOM that's out on an 800K disk.

... still no hint of schizoids ahead.

Rambling through the new-member introductions brought forth about 10 new faces who said "hello" to the club. Heavy hitters with desktop publishing, technical manuals, electronic circuit design, company business management, video scripting, solid modeling, golf tournament results and a student making practical word processing use with his Mac, just to keep us focused on reality.

Dave had to pull a little delay at the front end tonight. *Mike Carlson*, co-chair for the group, was out selling Macs and had the Limelight with him. All of Dave's corporate-Apple connections (read "Curtis Juliber") are off playing in the sand on the beaches of Hawaii. (Egad! It sure must be tough to have to attend those sales meetings. Nothing but work, work, work!) Mike must have made it a quick sale, for he soon trudged in and the hardware setup proceeded while Dave shifted to the Q/A session. Here's from the trusty spiral binder:

- Any recommendation on an 800K floppy alternate to Apple's product? Some of the other brands might save a hundred bucks or so, but the true Mac Users in the crowd urged the questioner to go the other way... spend a hundred (or two!) more and get a hard disk. So much more storage per buck, and SPEED!

- Following right on his heels was news that a Mac User has a Mirror 40/40 (40 MB disk with 40 MB tape backup) for sale. Interested? Contact Dave or *Keith Madonna* on how to get in touch with this Mac User infected with technolust. He's selling to jump up to an 80 MB disk.

- Printer problems: One user can't get Hy-perCard to behave when printing... always bombs the system. Sorry, but others are not experiencing this trouble, so no hints on a fix, other than "keep trying." Another new-to-Mac user (Ed, you know who you are) is finding his ImageWriter II prints out very tacky looking text unless he uses bold style. Boy! I thought that we were 'sposed to help these guys... a bunch of dummies tonight. No one came up with good suggestions for any of these.

- Unusual quantity of "bombs" with Mirror drives on an AppleTalk network. The program MailCenter seems to have some influence in the pyrotechnics display.

- Need to replace spaces with tabs, or verse the vice, in a plain vanilla text file? Check out a PD or shareware program called **Add/Strip**. Neat way to tweak the file to your liking.

- Heard of **MacVision** or **ProVision**? Let's you capture video images on your Mac. One User had good results with MacVision. Fast enough to play with the settings and recapture the image if the first one doesn't suit you.

- Interface a cash register with your Mac? Geez! Mine's already half way there. The money goes in, but I can't get any out!

- **Jasmine 20** starts real slow for one User. Try reformatting, maybe even twice in a row, to lock out any bad tracks.

Dave brings in the developers...

The program for the evening featured two local program developers: *Geoff Wattles*, president of **Cogmatics**, and *Jeff Brown* of **Steinmetz and Brown**. Their task was to tell us what **4th Dimension** is REALLY like (you know, kind of like asking Ed about Johnny). Guy Kawasaki played his August demo like a Svengalli... it looked so nice and easy that we really wanted to know if it was believable. Curtis' presentation of HyperCard shortly thereafter left a lot of folks asking "what's the difference?" between the two. Geoff and Jeff addressed these issues and rambled through some quick looks at the programs in the background.

That's when it started to happen.

Are you seeing what you're seeing?

Jeff started off with some positioning comments about HyperCard. He likened it to BASIC on the Apple years ago. For one who has made the transition between systems, I think he hit on a pretty close analogy. BASIC was the "tool" that almost anyone could hack with, to make that special little program only YOU needed for that special little task you just hated to repeat and repeat and repeat... Hyper-Card is a much different tool, but in many ways it serves a similar purpose. With a unique simplicity, you cut and paste your way to new freedom, copying a button from here, pasting a script over there, linking a field to something else. And the "scripts" (little programs) are hauntingly English-like in their makeup. Even Grandma might understand what the instruction is telling the program to do.

This is a great contrast to 4D, which is more Pascal-like in its structure. You are faced with the task of learning how to make the program work *before* you can make it work. Even though both manage data, pictures and information, they do it in vastly different ways. HyperCard is a crazy-quilt of buttons, enabling jumps from card to card and from stack to stack. It's also a like a kid's playhouse of cartons and crates... every room is a new adventure for you to make into something of your choice, by following the label on the wall... or perhaps peek under the label, for there may be a hidden button, unknown and yet to be discovered, that does something completely different.

Geoff felt that 4D needs the speed of the Mac II to come to life and that it fits the traditional definition of "database" more closely than HyperCard. Reports in 4D are something to collect the data, organize it, and present it in a structured form for consumption. HyperCard seems ill at ease unless jumping from stack to stack, screen to screen. Trying to do a HyperCard report is like stuffing toothpaste back in the tube.

As this discussion ebbed back and forth, and particularly as Dave described the goodies on the HyperStack Mac eDOM, Geoff was running the hard drives through their exercise

Mac eDOM #36 Miscellaneous 3

by Joe Carroll

This 400K Macintosh Educational Disk of the Month was assembled from public domain and shareware contributions by the Macintosh Special Interest Group of Mini'app'les. Additional copies of this disk can be obtained at the MacSIG meetings: $5.00 for club members and $10.00 for non-members. They may also be mail-ordered by writing to:

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

Please add $1.00 for shipping.

The selections on disk #36 are briefly described below. Many of them contain their own more detailed documentation. Note also that some of these programs are Shareware. Paying for this eDOM does not absolve you from paying the individual authors if you decide to use the programs under the conditions set forth by the authors.
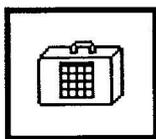
Artisto+ 2.01 — (DA) (shareware: $5.00 or $10.00 suggested; 18,944 bytes including documentation) This is a new version of the great "Art Grabber" DA by Tom Taylor. This is an update of version 1.42 on MacEDOM #30. Now reads PICT files in addition to MacPaint and FullPaint docs. It allows you to open up a MacPaint document (or MacDraw document saved in PICT format) from inside any program that supports desk accessories, select any portion of the image and copy it into the clipboard. Must have at least 512K to use.
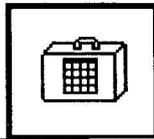
Disktop 1.2 — (DA) (33,783 bytes) An evaluation copy of a program that acts like a Finder. For $39.95 you can get version 2.0, LaserStatus, and Widgets, which apparently offer a far wider array of commands. After bringing up DiskTop, double click on the disk icon to see its contents and all the things you can do. No documentation.
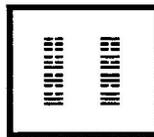
I Ching — (Public Domain version; $15 for more complete version, 41,104 bytes) The ancient Book of Philosophy and Divination, or for those of us who do not have a fortune cookie around. Boot it up and throw the sticks to find your place in the cosmos each day. No documentation needed.
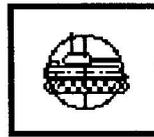
Lets Get Tanked v1.0 — (Public Domain, 53,422 bytes) A tank duel between you and the computer. You can choose an open playing field or with bunkers to block the shots. The only game on the disk. No documentation needed.

MortCalc v1.81 — (shareware: donation, 75,594 bytes) A stand alone monthly mortgage comparison program with several different ways to find where your money is going. A great way to project how much money you are paying on interest on a given loan, or before you buy that shiny new car. Documentation is included. Also has the ability to do an amortization schedule, supports printing, and is simple to use.
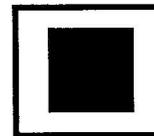
Patterns — (shareware $20, 6,656 bytes) An application that produces dynamic patterns on the screen. Lines, rectangles, or ovals can be produced. Clicking the mouse will show several controls available for number of bounces, delay before erase, number of copies active at any one time, etc. Very nice and pretty.

SafeLaunch — (shareware: $5 for the entire family, 78,848 bytes including documentation) This is a family of app/doc launchers that close the current application normally before launching. They provide the fastest way to move from application to application and are also very safe. The family consists of utilities, a DA, and an FKEY. You can make a set of launch keys for your favorite applications and documents and thus have an ever present app/doc launching menu. Documentation (3 pieces!) is in MacWrite format.

Show Version 1.0 by Eli Bishop. A Public Domain (?) utility (4404 bytes) which presents a standard search-for-a-file dialog box and lets you indicate which application or System file you want to find the version of.
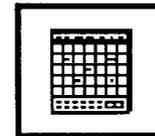
Smallview 1.2 is a shareware ($12) application (25,118 bytes) which displays a month-at-a-time calendar and permits up to 10 to-do notes for each day. Good through the year 2039. One can print the to-do lists, the current month, or the entire calendar. One can also 'Transfer...' to any other application. Very easy to use; no documentation.
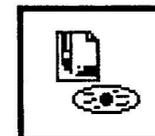
**ViewPaint 1.5** is a shareware application ($5, 25,200 bytes) which considerably updates version 1.1 on MacEDOM #16. This is a utility for Paint & StartUpScreen files. Allows you to view, print and convert between the different file types. For Paint style documents you see the entire image by scrolling if you don't have a large screen. This version adds printing, compatibility with ADB keyboards, improved large-screen capability and about 9K worth of built-in documentation. It also allows you to use it as sort of a slide show application.

DeskTop Publishing Talk

Simon Tuckett, Canadian editor of "Electronic Composition and Imaging Magazine" and "Graphics Prospects Magazine" is giving a public lecture at 7:30 pm on Nov 12, entitled "Microcomputers and Graphics Design" at the Minneapolis College of Art and Design. His talk will feature Pagemaker, Adobe Illustrator, Fontographer and Word. He will also address the creative flexibility and technical framework of PostScript. Tickets at $7:00 each can be obtained by calling 870-3065. The $7 is intended to defray the cost of bringing the speaker into town.

Atkinson on Nov 17!

Mac eDOM#801
Stackware 1
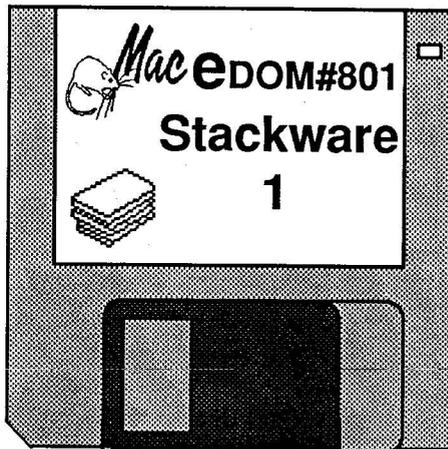
by Joe Carroll

This 800K Macintosh Educational Disk of the Month was assembled from public domain and shareware contributions by David Stovall of the Mini'app'les Macintosh Special Interest Group. Additional copies of this disk can be obtained at the MacSIG meetings: $5.00 for club members and $10.00 for non-members. They may also be mail-ordered by writing to:

> Minni'app'les
> Attention: MacEDOM Sales
> PO Box 796
> Hopkins, MN 55343

Please add $1.00 for shipping.

eDOM #801 contains a varied assortment of stackware for you to explore. Many of the "stacks" were downloaded by Dave from CompuServe and/or GEnie. These stacks are briefly described below. Many of them contain their own more detailed documentation.

As a departure from our normal eDOMs, we are utilizing the full 800K of the floppy disk for two reasons. First, Hypercard will only work on Macs with 800K floppy drives. Thus there is no reason to ensure use with 400K drive Macs. Second, stackware tends to be rather large in size and we anticipate future stacks considerably larger than 400K in size on our eDOMs. Begining with this eDOM, all future 800K eDOM's will be identified by an '800' disk identification number.

HyperMacintalk - Everything you need to know to make your stacks "talk."
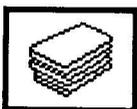
Sound Convert - Convert SoundWave™ files to "snd" files for your stacks.
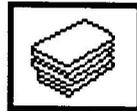
Common Sounds - 12 useful common sounds (snd's) for stacks.

Menus For Hypercard™ - Put your own menu in the menu bar of your stacks.

Deprotect - A stack that will strip the password of other stacks.

Stackware Detective - Extract scripts from other stacks.

Merge Stacks - Merge separate stacks into one stack.

Resource Copier - Stack that does what it says.
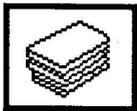
YAM - Yet Another Mini-Finder loaded with useful external commands.
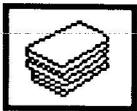
TestXFCN - This one quickly shows you external functions.
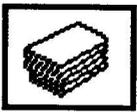
Hypertalk Tutorial - Quick learning tool for Hypertalk.
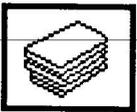
Spreadsheet Construction Set - Not Excel, but useful.

Genealogy - A stack worksheet conforming to standard format.
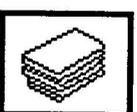
HyperWrite, Text Writer, Super Memo Pad, PostNote, QuickMemo, Margin Notes, and LooseNotes - Pick your editing style.
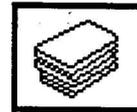
Star Trek - TNG - Look past the advertisement for the special effects, ideas and potential for HyperCard.

Funnin' Bill - Just for fun.

Note that some of these stacks are Shareware. Paying for this eDOM does not absolve you from paying the individual authors if you decide to use the stacks under the conditions set forth by the individual authors. ⬙

MacUsers (continued)

aerobics. He flipped through HyperCard and 4D with demos that must have been specially designed to look like eachother... chameleons darting in and out of the drives, hiding among the cables and turning platinum on the case. HyperCard, 4th Dimension, Card 4th, Hyper-Dimension... they all became a blur in elfish green, and a bit fuzzy around the edges.

Shaking my head cleared the chameleons, at least from my ears... my eyes still couldn't tell me what was what. Jeff and Geoff summed up: the two programs DO have many similarities, yet contradict this with striking differences. The intended users of the two programs are very different... developers organizing data that must be managed for business with 4D, and the Happy Hacker bringing order to an eclectic hodgepodge of fun and figures. Both are great programs, yet each has flaws that catch flack from the critics. Neither appears to be headed for extinction. Just the opposite... future upgrade possibilities could bring significant enhancements to distance these Mac innovations even farther from the blue morass.

Need info about these programs? Dave says that *Ian Abel*, another 4D developer who was scheduled to show tonight but underwent a priority transplant, has a BBS that maintains a 4D section for Q/A's. Nationally, **CompuServe** and **GEnie** also feature areas, both for 4D and HyperCard, where knowledgeable programmers help with tips and answers to specific questions.

TTThat's all, fffolks!

Until next month!! Watch for the special events coming up. Who knows, maybe the Unknown Computerist will show up to claim a prize at a meeting near you. Think you can spot him?

More bytes later...
TWE ⬙

Classified Advertisements

MACSIG
Nov 19
Eisenhower Community Center
Hopkins
Bill Atkinson
from Apple Computer
Designer of MacPaint,
QuickDraw and HyperCard

This newsletter was printed on an Apple LaserWriter using Aldus PageMaker v2.0

Will pay $250 for used 5 MEG PROFILE in working order.
Ed   331-6166 (eves)

PUBLIC DOMAIN
AppleWorks Disks

The AppleWorks User Group (TAWUG) has a library of more than 26 double sided diskettes of Public Domain templates and files for and about AppleWorks.

The cost is $3.00 per disk. For Catalog Disk, send $3.00 to Richard Marchiafava, 7099 Hickory Drive NE, Fridley, MN 55432. Or call 612-572-9305 for information.

Simon Tuckett, editor of "Electronic Composition and Imaging Magazine" is giving a public lecture at 7:30 pm on Nov 12, entitled "Microcomputers and Graphics Design at the

Checkmate MemorySaver GS
                $129

Interface Cards

|	
Grappler+ Compatible	$55
80 Column.64K //e	$49
Disk Controller	$49
Super Serial card	$69
Printer, par/ser/64K	$100
Slimline Fan w/surge	$30
3.5" 800K Drive & Card	$315
3.5" Disks, DSDD 5 pac	$8

RAMCO SALES
Dick 612-572-9305

General Manager (hierarchical data base); $20. Dow Jones Market Manager (old version); $15. Adventure International's Stone of Sisyphus, Morton's Fork, and Mission Impossible; $4 each or 3 for $10.
Eric   822-8528

Minneapolis College of Art and Design. His talk will feature Pagemaker, Adobe Illustrator, Fontographer and Word. Tickets at $7:00 each can be obtained by calling 870-3065.

Each Mini'app'les member may run one FREE non-commercial classified ad per month in the newsletter. Submit ads to Eric Holterman by phone (voice) at 822-8528, by US Mail to 3608 Blaisdell Ave, Mpls., MN 55409, or on the Mini'app'les BBS, Mini'Info Exch. Use the Email feature and send to Box 21 (ERIC HOLTERMAN). Ads received by the second Wednesday of the month will appear in the next month's newsletter. Ads may be edited for length and to fit our usual format. There is a charge for commercial ads, contact Eric Holterman for details.

Hopkins

Eisenhower Community Center

Parking

Service Road

Highway 7

17th Ave

12th Ave

5th Ave

Co Rd 18

Bill Atkinson
McSIG Meeting
November 19
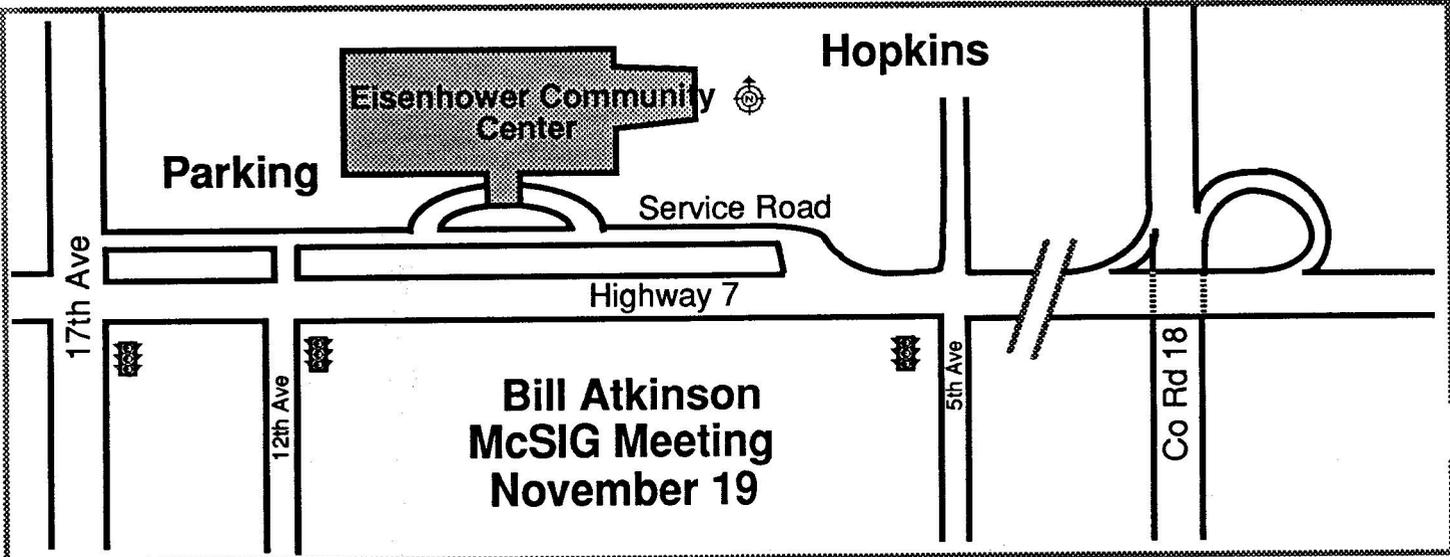
Macintosh Enhancements

E-Machine large-screen monitor $1550

- Imagine - now you can see the entire 8" X 10" page in PAGEMAKER or display almost a complete "B" size engineering drawing (13.5" X 10.5" visible) in MACDRAW.
- Both Mac and E-Machine screens operational. (Several operating modes.)
- 17" display shows 1024 X 808 pixels utilizing 128KB of fast bit-mapped video memory.
- Available for Mac 512, Plus and SE.

Turbomax accelerator board $1179

- 16 Mhz 68000 CPU for 100% software compatiblity , yet runs 250% faster than a Mac Plus.
- 2 Meg of fast memory included; Expandable to 4 Meg.
- Cooling fan and power supply included. Bracket included for installation of HARD DISK.
- Optional 68881 allows up to 60 X speed of a Mac Plus. ($299)

512K to 1 Meg expansion board $399

- Includes SCSI port and cable.

40 Meg SE internal hard disk $1050

- Highly dependable drive unit has 100 G shock rating!!
- Preformated hard drive includes BACKUP and other utilities.

Avatex 1200hc (1200 baud) modem $125

- FULL Y Hayes compatible.
- Includes COMPUSERV subscription.

Avatex 2400 (2400 baud) modem $269

- FULL Y Hayes compatible.
- Includes COMPUSERV subscription.

Custom Macintosh modifications available

- What ar your needs?   SAMPLE ==>   AMBER screen for your Mac for $149. (Installed!)

S3

CALL for information

MN (800) 247-4622
US (800) 338-6224
(or) (507) 263-3801

5035 - 250Th St. E.
Hampton, MN 55031

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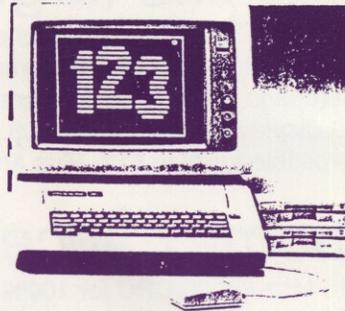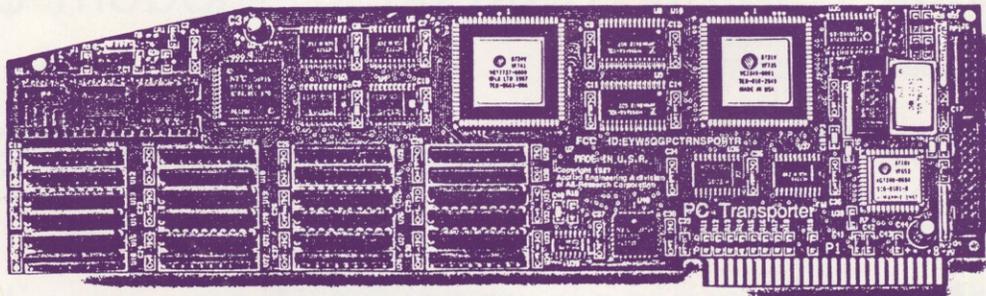
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