DECEMBER 1999

SUN	MON	TUE	WED	THU	FRI	SAT
			1 7:00	2 7:00	3	4
5	6 7:00	7	8 7:00	9 7:00	10	11
12	13 7:00	14 II 7:00	15 6:30	16 7:00 7:00am	17	18
19	20 4D 7:00	21	22 7:00	23 6:30	24	25
26	27 6:00 ? Mac 7:00	28	29	30	31	

1 AppleWorks / ClarisWorks SIG
Southdale Library;
7001 York Ave S, Edina
John Hunkins, Jr., 651-457-8949

2 Telecommunications SIG
Epiphany Lutheran Church
1414 East 48th Street S, Mpls
Bert Persson, 612-861-9578

6 Board of Directors
mini'app'les members welcome.
Byerly's
7171 France Ave. S., Edina
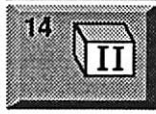Lisa Huston, 612-825-1245

8 Microsoft Word SIG
2850 Metro Drive Rm 124,
Bloomington
Tom Ostertag, D 612-951-5520 E
651-488-9979

9 Macintosh Main Club Auction
Washburn Library;
5200 Lyndale Ave S. Mpls,
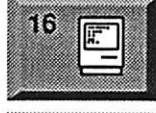Denis Diekhoff,
612-920-2437

13 Apple II/GS Main SIG
Augsburg Park Library
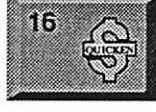7100 Nicollet,Richfield
Tom Gates,612-789-6981

14 Apple II Novice SIG
New Brighton Family Ctr
400 10th St N.W.,New Brighton
Tom Gates, 612-789-6981

15 Photoshop-Digital Imaging
Washburn Library
5244 Lyndale Ave S
Gary Eckhardt, 612-944-5446

16 Macintosh Consultants SIG
Embers
7525 Wayzata Blvd
St. Louis Park
Bob Demeules, 612-559-1124

16 Quicken/Investment SIG
2850 Metro Drive, Rm 124
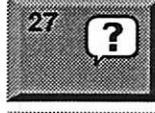Bloomington
Dale Strand, 612-835-5872

20 Fourth Dimension SIG
8200 Humbolt Ave South
2nd Flr. Conference Rm.
Bloomington
David Ringsmuth, 612-853-3024

22 ResEdit / Programming SIG
Washburn Library
5244 Lyndale Avenue S, Mpls
Lisa Huston, 612-825-1245

23 FileMaker Pro SIG
Partners, Suite 5
1410 Energy Park Drive,
St Paul Steve Wilmes,
651-458-1513

27 Macintosh Novice SIG
Merriam Park Library
Marshall & Fairview, St Paul
Richard Becker, 612-870-0659

27 Meet Your iMac / Mac SIG
Merriam Park Library
Marshall & Fairview, St Paul
Brian Bantz, 612-956-9814

mini'app'les

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P.O. Box 796, Hopkins, MN 55343

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Owen Aaland

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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.

Advertisers – For information, see Newsletter Ad Rates box within this issue.

Newsletter Contributions – Please send contributions directly to our Post Office, Box 796, Hopkins, MN 55343 or upload them to our BBS at 612-595-9404.

Deadline for material for the next newsletter is the 1st 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.

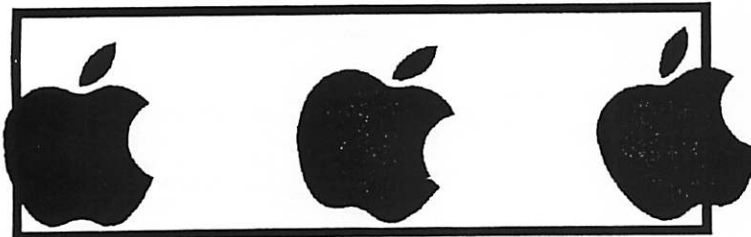**Editor/Publisher:** Tom Ostertag 651-488-9979

Newsletter Layout: John Pruski 612-938-2818

mini'app'les BBS – 612-595-9404, (co-located on Twin City Interlink BBS), 24 hrs. Settings: 8-1-0. Call in with FirstClass® Client software or any text-based terminal program.

mini'app'les Voice Mail – 651-229-6952

mini'app'les WWW site: http://www.miniapples.org

mini'app'les e-mail: miniapples_info@tcilink.com

CHANGE OF ADDRESS

Moving? Going to be away from home and leaving a forwarding address with the Post Office? Please send us a Change of Address when you are informing others. By using a moment of your time and a few cents to drop us a card, you save the club some money and you get your newsletter delivered promptly to your new address. If you don't inform us, the Post Office puts your newsletter in the trash (they don't forward third class mail) and charges the club for informing us of your new address. Change of Address should be sent to the club's mailing address: mini'app'les, Attn: Membership Director, Box 796, Hopkins, MN 55343.

Table of Contents

January 2000 Preview

Here is the tentative calendar of our Special Interest Group (SIG) meetings for January 2000. Please pencil these events on your calendar. As always, when doubtful of a SIG date, time, or location, confirm with one of the following:

- Our BBS, the Calendar Folder in the Conferences Folder
- Our Voice Mail Telephone number: 651-229-6952
- The cognizant SIG Leader

Day	Date	Meeting
Monday	January 3	Board of Directors meeting
Wednesday	January 5	AppleWorks nee ClarisWorks SIG
Thursday	January 6	Telecom SIG
Monday	January 10	Apple II/GS Main SIG
Wednesday	January 12	Microsoft Word SIG
Thursday	January 13	MacintoshMain SIG
Monday	January 17	Fourth Dimension SIG
Tuesday	January 18	Apple II Novice SIG
Wednesday	January 19	PhotoShop / Digital Imaging SIG
Thursday	January 20	Macintosh Consultants
Thursday	January 20	Quicken / Investing SIG
Monday	January 24	Meet Your iMac / Mac SIG, 6:00 pm
Monday	January 24	Macintosh Novice SIG, 7:00 pm
Wednesday	January 26	ResEdit / Programming SIG
Thursday	January 27	FileMaker Pro SIG

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 (or an e-mail) away. Please call only during the appropriate times, if you are a member, and own the software in question.

Apple II / IIGS Software & Hardware	1, 5, 8		
ClarisDraw	2		
AppleWorks / ClarisWorks	7, 8, 9		
FileMaker Pro			
FirstClass			
HyperCard	11		
MacWrite Pro			
Microsoft Excel	2, 5, 6		
Microsoft Word	5		
MYOB	6		
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QuickBooks and QuickBooks Pro	6		
Mac OS 7	8		
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WordPerfect	4		
Cross-Platform File Transfer	5		
Networks	11		
New Users	10, 11		
PowerBooks	11		
Classic Macs	11		
Power PC 601 Power Macs			
iMacs	13		

1.	Les Anderson	651-735-3953	DEW
2.	Mike Carlson	218-387-2257	D
3.	Eric Jacobson	651-645-6264	D
4.	Nick Ludwig	612-593-7410	DEW
5.	Tom Ostertag	651-488-9979	EW
6.	Ardie Predweshny	612-823-6713	DEW
7.	Owen Strand	612-427-2868	D
8.	Bruce Thompson	612-546-1088	EW
9.	Pam Lienke	651-457-6026	EW
10.	Tom Lufkin	651-698-6523	EW
11.	Ben Stallings	612-870-4584	DEW
12.	Chuck Hauge	651-292-9029	D
13.	Rodney O. Lain	651-452-5821	EW
14.	Gary Eckhardt	612-944-5446	EW

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.

Please call at reasonable hours, and ask if it is a convenient time for them. By the way, many of these volunteers can also be contacted on our BBS. We appreciate your cooperation.

If you would like to be a Members Helping Member volunteer, please send an e-mail message to John Pruski on our BBS, or call him at 612-938-2818, with your name, telephone number, contact hours, and the software or hardware areas you are willing to help others.

Apple Maintains Top Education Spot

By Rhona Hamilton
Submitted by Don Fitzwater

CUPERTINO, California-November 1, 1999-Apple today confirmed that it holds the number one position in sales to the U.S. Education market as shown by recent data from leading Education market research firms, including Quality Education Data (QED) and International Data Corp. (IDC). Apple further stated that Dell's recent claims of being the Education sales leader rely upon vendor and channel surveys which do not fully account for Apple's large direct sales to the U.S. Education market.

"Dell didn't incorporate Apple's direct sales into their Education market share calculations," said Steve Jobs, Apple's interim CEO. "If they had done so, they would have been reminded that Apple remains the Education market share leader."

QED's Technology Purchasing Forecast, 1999-2000, shows that K-12 classrooms across the U.S. have more Apple hardware products than any other manufacturer and the majority of those classrooms intend to repurchase Apple products.

IDC's Q2CY '99 Education Market Report states that Apple leads in overall U.S. Education sales with 22.2% market share - higher than Compaq's 19.1%, Gateway's 17.2%, and Dell's fourth place showing at 15.8%, further substantiating Apple's leading position in the U.S. Education market.

Apple Computer, Inc. ignited the personal computer revolution in the 1970s with the Apple II, and reinvented the personal computer in the 1980s with the Macintosh. Apple is now recommitted to its original mission-to bring the best personal computing products and support to students, educators, designers, scientists, engineers, businesspersons and consumers in over 140 countries around the world.

Press Contacts:
Rhona Hamilton
Apple Computer, Inc.
(408) 974-6439
hamilton@apple.com

NOTE TO EDITORS: For additional information visit Apple's PR website (www.apple.com/pr/), call Apple's Media Helpline at (408) 974-2042.

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PC Computing Names Filemaker Pro 5 1999 MVP Award Finalist

By Kevin Mallon
Submitted by Les C. Anderson

SANTA CLARA, Calif., Nov. 1 /PRNewswire/ -- PC Computing, the Ziff-Davis (NYSE: ZD) business technology magazine, has named FileMaker Pro 5, the award-winning workgroup database software, a finalist for its prestigious 1999 Most Valuable Product (MVP) Awards in the database category.

The MVP Awards honor technology tools, including Internet products and services, digital products, and software and hardware products, that help businesses prosper in today's age of "digital Darwinism."

The new FileMaker Pro 5 database software adds major new features for sharing databases over the intranet and integrating with desktop and enterprise standards. "We are delighted that FileMaker Pro 5 has been recognized for its industry-leading role in meeting workgroups' information-managementneeds," said FileMaker, Inc. president Dominque Goupil.

To select the 1999 MVP finalists,

PC Computing's editors conducted an exhaustive review of thousands of Internet and technology-based business products and services, evaluating them for usability, performance,technology, innovation and value. A complete list of the PC Computing 1999 MVP Award finalists can be found online, at www.pccmvp.com.

The winners of these 11th annual MVP Awards will be announced Nov. 14, 1999, in a gala ceremony at the Harley-Davidson Cafe in Las Vegas. PC Computing's MVP awards event has long been considered the unofficial kick-off for the COMDEX/Fall technology industry trade show, the technology industry's largest annual gathering.

Winners will also be featured on PC Computing's home page, www.pccomputing.com, and in the January 2000 PC Computing, an issue which many of the publication's 1,050,000 readers use it as a product buying guide and reference tool.

A 1999 National Magazine Award Winner, PC Computing is the preferred information source for more than 1,050,000 (paid circulation) readers.

Ziff-Davis Inc. is a leading media and marketing company focused on computing and Internet related technologies, with principal platforms in print publishing, trade shows and conferences, online content and services, television and education.

FileMaker Inc. is a worldwide leader in database solutions for workgroups and individuals, from the desktop to the web. Its award-winning FileMaker Pro line of database software provides relational power, instant and custom Web publishing and legendary ease-of-use. FileMaker, Inc., is a subsidiary of Apple Computer, Inc. (Nasdaq: AAPL).

SOURCE FileMaker, Inc. -0- 11/01/1999 /CONTACT: Kevin Mallon of FileMaker, Inc., 408-987-7227, or kevin_mallon@filemaker.com/ /Web site: http://www.pccmvp.com/ /Web site: http://www.filemaker.com/ (ZD AAPL)

Dec., Jan. & Feb. Apple II novice meetings - "Conversion Events".

By Tom Gates

There has been a significant amount of interest in getting files off old Apple II programs to either the Mac or PC platform. We've shown many times what a powerful combo an Apple IIGS and a toaster Mac with HD drive can be to do this kind of work.

We'd hope that our meeting info is hitting the St. Paul paper, that these

two meetings be identified for doing/showing/helping with conversions. We'll have the equipment and various programs available to deal with whatever someone can bring in.

These will be held at the New Brighton Family Service Center in New Brighton. Basically the SW corner of 35W and 694 (400 10th St NW). We've met there this past Sept. and Oct. and will extend the meetings probably to March or April at that

facility.

Questions - please call.

- Tom G.

(612) 789-6981 (24 hr voicemail)
(612) 789-1713 (eve & weekends - hit or miss depending on what school activity we've currently run the kids to :)

Mini'app'les Gaming Group (MGG) Wants You

By David M. Peck

Intrepid mini'app'les warriors are meeting on a regular basis for fun and socializing. Our interest is network-able Mac games and are always on the lookout for others who would like to participate. Finishing a game solo

might make you feel like King of the Hill. But there is nothing as challenging or fun as human competition. Plus, Winter around here seems to be a perfect time for gaming! :-)

The MGG meets about once a month. If your interested in network-able Mac gaming, feel free to drop a

note on the mini'app'les BBS or give me a call at (651)423-5711. We'd look forward to seeing you!

-Dave Peck

Norton Utilities 5.0 and Norton AntiVirus 6.0 are compatible with Macintosh OS 9

By Noelle Cahow
Submitted by Les C. Anderson

CUPERTINO, Calif.--(BUSINESS WIRE)--Nov. 1, 1999--

Symantec Recommends Latest Versions of Utility Software to Customers Migrating to Apple's New Operating System

Symantec Corporation (Nasdaq:SYMC) today announced that Norton Utilities for Macintosh 5.0 and Norton AntiVirus for Macintosh 6.0 are ready to provide unparalleled protection, prevention, and repair capabilities for customers running apple's new Mac OS 9. Symantec recommends that customers who plan to migrate to the new Macintosh operating system also upgrade to new versions of Norton . Utilities and Norton AntiVirus for Macintosh to be compatible with Mac OS 9.

Earlier versions of Norton Utilities and Norton AntiVirus for Macintosh were developed prior to changes in the way Mac OS tracks open files and will not function properly with OS9. Registered users of previous versions of either one of these products are eligible to purchase both Norton Utilities for Macintosh 5.0 and Norton AntiVirus for Macintosh 6.0 at upgrade prices. "Symantec recognizes that many of its Macintosh customers will move to Apple's new and innovative operating system. To help customers confidently migrate to Mac OS 9, Symantec incorporated technological advances introduced by this new OS into its award-winning utilities," said Steve Cullen, vice president of Symantec's Consumer Products Division. "We want to encourage customers upgrading to Mac OS 9 to upgrade to Norton Utilities for Macintosh 5.0 and Norton AntiVirus for Macintosh 6.0."

Norton Utilities for Macintosh 5.0 is an all-in-one problem-solving solution that troubleshoots and repairs Macintosh systems. Norton AntiVirus for Macintosh 6.0 guards against virus infection at all possible entry points, including the Internet and e-mail.

Like Mac OS 9, Norton Utilities for Macintosh 5.0 and Norton AntiVirus for Macintosh 6.0 include tools that make it safe, easy, and more productive for consumers to use the Internet. Macintosh users of all levels of experience can use the point-and-click features of Norton Utilities and Norton AntiVirus to keep their systems trouble-free and operating at peak performance.

Both products include an enhanced LiveUpdate utility, which automatically detects an Internet connection and connects to a Symantec server using ftp protocol, then downloads and installs the latest virus definition and software updates. Norton AntiVirus for Macintosh 6.0 also includes improved scanning capabilities. Speed of initial scans, subsequent virus scans, and LiveUpdate are better than 20% faster than before. Norton Utilities for Macintosh 5.0 now features Live Repair, which enables users to perform repairs without booting from the CD.

Pricing and Availability

Norton Utilities for Macintosh 5.0 and Norton AntiVirus for Macintosh 6.0 are available now. Norton Utilities for Macintosh 5.0 is regularly priced at US$99.95; upgrade price is US $49.95. Norton AntiVirus for Macintosh 6.0 is regularly priced at US$69.95; upgrade price is US$29.95. Users of either product may purchase both products at their upgrade prices.

About Symantec

Symantec is a world leader in Internet security technology and technology solutions that help companies manage and support workforces that use laptop computers and other mobile devices.

The company is a leading provider of software products for the consumer market and is rapidly growing its presence as a provider of solutions to enterprise organizations.

NOTE TO EDITORS: If you would like additional information on Symantec Corporation and its products, please view the Symantec Press Center at
http://www.symantec.com/PressCenter/ on Symantec's Web site.

Brands and products referenced herein are the trademarks or registered trademarks of their respective holders. All prices noted are in US dollars and are valid only in the United States.

FORWARD LOOKING STATEMENT: This press release contains forward-looking statements. There are certain important factors that could cause Symantec's future development efforts to differ materially from those anticipated by some of the statements made above. Among these are the anticipation of the growth of certain market segments, the positioning of Symantec's products in those segments, the competitive environment in the software industry, dependence on other products, changes to operating systems and product strategy by vendors of operating systems, and the importance of new Symantec products. Additional information concerning those and other factors is contained in the "Risk Factors" section of the company's annual report on Form 10-K for the fiscal year ended April 2, 1999.

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Noelle Cahow, 415/222-9691
Noellec@connectpr.com
KEYWORD: CALIFORNIA
INDUSTRY KEYWORD: SOFTWARE
PRODUCT Today's News On The Net - Business Wire's full file on the Internet with Hyperlinks to your home page.
URL: http://www.businesswire.com

Mac OS 9; The Agony and the Ecstasy

By Charles Downs
Submitted by Bryan Lienke
Special to Arizona Central
Oct 25, 1999

My job Saturday morning was to install Mac OS 9 on a new DV iMac, an iBook, a Blue & White G3 and two Bronze PowerBooks. I had lots of "help." I was at the Mesa CompUSA store assisting with Apple Demo Days, and roll-out of the new operating system was prominently advertised. Customers looked on while the new System was being installed.

There are many new features in OS 9, and it's very tempting to rush into the upgrade. You can read about the new bells and whistles on the Apple Mac OS 9 page. Sherlock 2 is absolutely beautiful, and I want to play with the voice recognition feature that will let me speak to my Mac and unlock the machine.

I opted for a "clean" install (see my October 7 column for instructions) on the iMac. Everything went fine for the seven or so minutes it took for the Mac OS 9 installer CD to do its job. On restart, the DVD movie in the CD slot wouldn't play. I found that three DVD extensions had not been moved to the new System Folder. Moving them resolved the problem.

Next came the B&W G3. I'd been tipped off by Apple about a little problem that is explained in the installer Read Me, but it's buried way down in the document. I missed it when I read the text.

If you launch the installer, you get a message telling you that you must first run the G3 Firmware Updater. But the message doesn't tell you where to get the updater. Turns out it's hidden in the CD Extras folder on the installer CD. The updater will achieve improved PCI performance. You cannot run the OS 9 installer on a B&W G3 until you update the firmware.

Open the CD Extras folder on the Mac OS 9 installer and locate the "G3 Firmware Update" folder. Copy that folder to your hard drive. Read the "Read Me" in the folder. You will be instructed to:
1. Launch the installer.
2. Click the Shut Down button

that will appear.
3. There are two small buttons on the front of the computer beneath the power button. The right-hand button is the programmer's button (see the illustration in the Read Me).
4. Hold down the programmer's button and press the power button on the front of the computer or on the keyboard while continuing to hold down the programmer's button.
5. Release the programmer's button when you no longer hear a tone.
6. After your computer starts up, if the update was successful an unlabeled progress bar will appear. When the progress bar is full, a message will appear telling you the firmware is updated. Click OK.

Now, boot the computer with the installer CD and proceed with the installation of OS 9. Otherwise, installation on these five Macs were uneventful.

Incompatibilities and other glitches

As you may be aware, quite a bit of software needs to be updated to work with OS 9. This was not unexpected because OS 9 is a major upgrade.

My biggest concern was that Adobe Type Manager and Adobe Type Reunion must be updated. My work requires lots of fonts, and I use ATM and ATR to manage them, as many others do.

Friday, on the eve of the release of OS 9, Adobe came through with updaters. These, and other updaters plus a report on conflict and incompatibility problems, are listed in the very comprehensive Troubleshooting Mac OS 9 MacFixIt Report. The report is updated daily, except on weekends.

You might also want to visit the MacFixIt Troubleshooting Mac OS 9 Forum where you'll find a great deal of useful information.

Another good source for information about OS 9 updaters is Version Tracker.

One reason software publishers must update their software is Apple improvements in the File Manager portion of the new operating system. Alsoft has posted a very helpful utili-

ty, Mac OS 9 File Manager Compatibility Checker, on its Ask Al page.

Should you update now?

In my October 18 column, I suggested you wait a while before upgrading to OS 9. Now that I've had some experience with the new operating system, I'd advise you to go ahead and update after you've read the information in the links above and resolved any compatibility problems that affect your Mac.

Do you have enough RAM to update?

In addition to software update problems, the Mac operating system RAM requirement continues to spiral upward with the release of OS 9. The new system uses 24MB of RAM with no third-party extensions or hardware installed. I have not installed the new OS on a Mac with less than 64MB of RAM, and I assume that the installation on a RAM-challenged Mac will set Virtual Memory to 64MB or more.

Using VM, or RAM Doubler, would enable such a Mac to use OS 9, but the real (and possibly expensive) solution is to install more RAM. The new iBook, for instance, ships with a meager 32MB. It would be a cruel joke to dump OS 9 into someone's iBook without cautioning them about the performance burden that the use of Virtual Memory will impose. And RAM Doubler is not compatible with OS 9. A report says Connectix doesn't expect to have a RAM Doubler update available until January.

Is your new keyboard missing something?

The Mac keyboards shipped with the iMac, B&W G3, G4, the newer PowerBooks and the iBook are missing some keys. John V. Holder Software (John is one of my favorite software authors), has released KeySwapper, $5 shareware. The blurb says, "KeySwapper will allow you to use any key(s) you like to emulate other keys that your computer may not have (such as the Forward Delete key, the Page Up key, the End key, function keys F13 - F15, etc.)! You can

also disable the Caps Lock key if you wish."

It works.

Charles Downs is the public information officer and webmaster for the Arizona Department of Real Estate. His first Mac was a 512K which he found on his desk one day when he was a newspaper reporter at the Lake Havasu City Herald. "Learn to use 'em over the weekend, guys; we're putting out Monday's paper on these things," his editor said.

They did. Charles is an associate editor and forum moderator for Ted Landau's MacFixIt pages and a sysop for Neil Shapiro's MAUG Macintosh Forum

You may send e-mail to cdowns@netscape.net

QuickTime News November 19, 1999

Volume 1 Issue 5

In This Issue

1. Now Playing on QuickTime TV

It's CNN.com, streaming round-the-clock newscasts and on-demand video of the day's top news stories over the Internet and directly to your QuickTime Player It's Nickelodeon, featuring video content designed just for kids, including Nickelodeon GAS, the first kids streaming sports network. It's TV Land, which brings QuickTime clips from classic TV programs directly to your browser. And it's MTV, Financial Times, and tv-radio.com, all of which will soon be joining the burgeoning QuickTime TV network. For more information about the six new QuickTime TV channels announced at the first-ever QuickTime Live! event, visit:

http://enews.apple.com/?aaB991119:000 09C15

http://enews.apple.com/?aaB991119:000 10C15

1a. This Just In: Come See the M:I-2 Trailer

Mission Impossible 2.

It won't hit theaters until summer of the year 2000, but we already have the teaser trailer for and lot's of other behind the scenes info on this new Tom Cruise action thriller. Come see:

http://enews.apple.com/?aaB991119:000 11C15

2. QuickTime 4.1 in the Wings

You've downloaded over 20 million copies of QuickTime 4 and more than 50,000 copies of our Open Source streaming server. Since April! During that time, we've been busy, too. As Phil Schiller, Apple's vice president of Worldwide Product Marketing, told an enthusiastic crowd in Los Angeles last week, we've been hard at work on QuickTime 4.1 and the QuickTime Streaming Server 2. Both products will bring new features and additional functionality to QuickTime:

http://www.apple.com/pr/library/1999/nov/09previews.html

By the way, if you couldn't get to Los Angeles to see Phil demo some of the capabilities soon to be part of QuickTime 4.1 and QuickTime Streaming Server 2, you can watch his keynote on QuickTime TV:

http://www.apple.com/quicktime/showcase/live/qtlive/

3. Totally Hip Ships LiveStage Pro

At QuickTime Live!, Totally Hip Software announced that it is now shipping LiveStage Professional, its award-winning QuickTime authoring environment. A compelling cross-platform product, LiveStage Pro allows you to: Combine and control all QuickTime-supported media types Create interactive user interfaces Automate tasks and scripting by using AppleScript support Create custom web page user interfaces and navigation aids Compress photographic media for fast web delivery Create compelling advertising content Create

and control online or distance education programs Create and deliver Internet games And more. Find comprehensive information about LiveStage Pro at:

http://www.totallyhip.com/

4. "Holy Cow, We're on the Internet"

They could reach local residents with their radio transmitter, but the Ojibwa Tribe wanted to invite a much larger audience to their Honor the Earth Pow Wow. They did. Thanks to the QuickTime Streaming Server, they were able to broadcast over the Internet to places as far from their Wisconsin home as Alaska, New Zealand, and Hawaii. And, by the way, they had a whole two hours to get everything ready for their first stream:

http://enews.apple.com/?aaB991119:000 12C15

5. Tools of Choice for Live Streaming

To assure the success of their live QuickTime streaming event, the Ojibwa Tribe turned to the Sorenson Broadcaster, which "takes the audio signal and compresses it using the Qualcomm PureVoice compressor option built into the QuickTime Streaming Server." It works like a charm and is being used for a growing number of live streams, including such Internet-only radio stations as HardRadio:

http://www.s-vision.com/products/SorensonBroadcaster/Showcase/

What's more, Sorenson has just released a new version of itsSorenson Video Developer Edition. Sorenson Video 2.1 includes optimizations for both Power Mac G4 computers and

Windows-based computers with the MMX instruction set. For more information, visit:

http://www.s-vision.com/products/SorensonVideo/index.html

6. Channel Spotlight: Rhino Handmade

An Internet-only record label, Rhino Handmade releases individually numbered limited editions of diverse audio delights from the far corners of the Rhino Archives. Take, for example, the recently released reissue of 1981's DEVO "DEV-O Live" that's now available on the Rhino channel. You can listen to sample tracks of this and other titles on the Rhino Handmade site only in QuickTime 4:

http://enews.apple.com/?aaB991119:000 13C15

7. Technically Speaking...

"Dear Apple," the letter reads. "I visited your QuickTime site the other day to upgrade to QuickTime 4 Pro. Unfortunately, before I could finish downloading it, the lights went out in my building. When the power came back, I found that I did not have a copy of the QuickTime Pro key on my drive. Can you send me another copy?" The answer: Sure. If you live in the US or Canada, ordered QuickTime Pro from our web site (www.apple.com/quicktime/upgrade) and need the key resent, call 888-295-0648 (US) or 888-295-0653 (Canada).

Where can you find information like this when you need it? In our Technical Information Library, a knowledgebase of over 14,000 articles on a large variety of topics—such as having a lost key resent:

http://enews.apple.com/?aaB991119:000 14C15

8. QuickTime QuickTakes

A television commercial without a television? That's how Volkswagen characterizes its newest ad, "Pink Moon." But to see it while it's still an un-television commercial, you have to view it on the Web. With QuickTime 4, of course:
http://www.vw.com/debut/

Calling it the "Swiss Army knife of multimedia programming," James Coates of the Chicago Tribune encourages readers to upgrade to QuickTime 4 Pro:

http://enews.apple.com/?aaB991119:000 15C15

"You're only young once, but you remember it forever." That's the catch phrase for Liberty Heights, a new film from award-winning director Barry Levinson. It opened this week in New York and Los Angeles, and you can catch a preview in QuickTime 4:
http://www.liberty-heights.com/cmp/1-trailer.html

We'll publish the next issue of QuickTime News on December 17, 1999.

QuickTime News is a periodic news communication from Apple

Computer.
To subscribe to QuickTime News, go to:
http://www.apple.com/quicktime/download/
To change the e-mail address at which you receive QuickTime News:
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postmaster@applenews.lists.apple.com
Sorry, but we can't reply to e-mail messages on other topics.
You can read our privacy policy if you visit:
http://www.apple.com/legal/privacy/
Event dates are subject to change. Some products, programs, or promotions are not available outside the U.S. Visit your local Apple site or call your local authorized Apple reseller for more information. Prices are estimated retail prices and are listed in U.S. dollars. Product specifications are subject to change.

Digital Origin has verified compatibility between Mac OS 9 and all Digital Origin products.

submitted by John Pruski

News and Announcements from Digital Origin

SUPPORT NEWS:
(http://DigitalOrigin.com/support)
- Compatibility with Mac OS 9 certified. G4 Compatibility Update

MAC OS 9 COMPATIBILITY

Digital Origin has verified compatibility between Mac OS 9 and all Digital Origin products.
There is a Mac OS 9 Patch required to use EditDV 1.6 or 1.6.1, MotoDV 1.4.1 or RotoDV 1.0 with Mac OS 9. This fix installs a simple Extension to address the Pace anti-piracy technology which fails to recognize USB floppy drives on Apple's new G4 and other 'ROM-IN-RAM' Power Macintosh computers running

the newly-released OS 9. Go to the downloads page for the Mac OS 9 Patch.
FYI: The Mac OS 9 enhancement which allows files larger than 2GB in size is currently not supported in the Digital Origin applications.
Should you install OS 9? If you have upgraded operating system software before then you know it does not always go smoothly. If and when you feel there is a compelling motiva-

tion to upgrade to OS 9 then first make sure that you have complete backups and you can retreat to your current configuration should the upgrade result in problems. Check with your fellow users on the EditDV discussion group (http://DigitalOrigin.com/talk) if you want to hear advice from people that have upgraded.

G4 COMPATIBILITY UPDATE

Not all G4 models use the same internals. Early G4 models (M7631 and M7826) actually use the same motherboard and FireWire ports as the blue and white G3 models. The Firewire ports on these systems are compatible with Digital Origin software. All other G4 models, known as 'Sawtooth', use new FireWire hardware (OHCI) and are not compatible with Apple's Firewire 2.1 drivers. Digital Origin is working with Apple to resolve this compatibility problem and we plan to release a downloadable updater in the future. Until then, the G4 Sawtooth models must use the Digital Origin 1394 FireWire card.

How can you tell the difference between the two G4 architectures? All the compatible G4 models also use a PCI graphics card. Models with the incompatible OHCI Firewire use an AGP graphics card. Refer to Apple's Technical Info Library Article #58418 for further details on how to differentiate the different G4 models (http://til.info.apple.com/techinfo.nsf/art-num/n58418).

DV-WIRE is a newsletter from Digital Origin announcing the latest product news. For complete compatibility information, please browse the Product Compatibility pages on DigitalOrigin.com. There is a link to the compatibility page from all Product pages, and also from the main Support page. (http://DigitalOrigin.com/products/dvqualified.html)

NetFinder

submitted by Ben Stallings

Every once in a while I go to http://www.tucows.com and check out what new software is available for download. This time I came across NetFinder, which fills a niche I noticed back when System 7.5 came out and which I've been expecting Apple to build into the OS ever since. Maybe now that somebody's written it, Apple can build it into Mac OS 9.5 or X.

NetFinder allows you to connect to any FTP or HTTP site and work with it as if it were an AppleShare server... which is to say, the files appear in ordinary Finder windows, and you work with them just like you would in the Finder. Copy or move files by dragging, rename by clicking on the file name, open by double-clicking (the file gets saved to a cache folder and then is opened by the Finder), get info with command-I, move up a level by command-clicking the title bar, and so on. It handles multiple simultaneous transfers beautifully, just like the System 8 Finder. And it does a couple of tricks AppleShare has yet to learn: it can queue transfers for later and resume them if they get interrupted, which is a great boon to people like me with only one phone line.

Now here's what I want to see: Apple should integrate this into the actual System and Finder so you don't have to start an extra application; you just type the URL into any "Open..." dialog box. And you should be able to make aliases of folders on the remote site that you can put on the desktop (or wherever) and drop stuff into when you want to upload.

One limitation with NetFinder is that if you do save an alias of a connection, it's saved with your password in plain text. However, if you don't specify the password when you create the alias, you'll be asked for it when you try to connect, which is fine. It will also work with Mac OS 9's keyring feature for secure password storage.
NetFinder is Shareware, $35, with no trial time limit.

iMac Update November 11 1999

submitted by John C. Hunkins, Sr.

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1. The Progress Report

It's around the holidays that many of us think about letting everyone in the far-flung clan know what we've been up to the past year. Some of us make calls. Some of us write personalized notes in the holiday cards we send.
Some of us fire up the old word processor and actually write letters. And then there are those industrious ones whose annual retrospectives stand out from the crowd. Consider, for example, this clever little progress report:
http://enews.apple.com/?aaB991111:00001B224

2. That's a Wrap

iMovie, available exclusively with iMac DV and iMac DV Special Edition, makes memories come to life. And like everything on a Mac, it couldn't be easier to use. Just plug in your FireWire-equipped camcorder. Download the clips you've already shot. Arrange them to meet your directorial objectives. Add some titles.
And voila! Oh, did you need some backgrounds or sound effects to add to your opus? We have some free iMovie stuff just for you:
http://www.apple.com/imovie/freestuff/

3. Rise and Shine

If you're one of those people who program your coffee maker so that a cup of joe is waiting for your unsteady hands the first thing in the morning, you may be interested in knowing that iMac and iBook can be just as accommodating. No, they can't make you coffee, but you can cajole them into waking up early, ready to greet the world as soon as you are. To do so, just open the Energy Saver control panel. (You'll find it in the Control Panels folder.) Click on the button

that says "Schedule" (on iMac) or "Scheduled Startup & Shutdown" (on iBook). And tell your iMac or iBook at what time and on which day or days of the week you'd like it to start up automatically. Try it. It's just one of the truly amazing things you can do easily on a Mac.

4. Now Playing on QuickTime TV

It's CNN.com, streaming round-the-clock newscasts and on-demand video of the day's top news stories over the Internet and directly to your QuickTime Player. It's Nickelodeon, featuring video content designed just for kids, including Nickelodeon GAS, the first streaming sports network for kids. It's TV Land, which brings QuickTime clips from classic TV programs directly to your browser. And it's MTV, Financial Times, and tv-radio.com, all of which will soon be joining the burgeoning QuickTime TV network. For more information about the six new QuickTime TV channels announced at this week's first-annual QuickTime Live! event, visit:

http://www.apple.com/pr/library/1999/nov/09channels.html

http://www.apple.com/pr/library/1999/nov/09cnn.html

5. A Win-Win Gift Situation

"Both the iMac and the iBook are excellent gifts for parents to consider for families" this holiday season, suggests Ryan J. Faas in a recent article on about.com. But which to choose? With its rugged design, its "gorgeous, clear, bright, large display," and its traditional Macintosh ease-of-use, iBook "would make a great first laptop for anyone as well as a first Mac or a first computer," Faas proposes. And then there's iMac, which Faas judiciously points out, "can be a gift for the entire family." In fact, in the case of iMac DV and iMac DV Special Edition," iMac becomes a complete home entertainment center as well as computer." Isn't it great to know that you can't make a bad gift decision this holiday season?

http://machardware.about.com/library/weekly/aa102499.htm

6. Technically Speaking ...

We'd like to introduce you to the AppleCare Protection Plan. Now available at the Apple Store and at stores that sell Apple products, the AppleCare Protection Plan offers you a simple, affordable, yet comprehensive solution for your service and support needs. For as little as $149, you'll receive three years of toll-free telephone support, a total of three years of Apple-certified repair coverage (two beyond your one-year limited warranty), TechTool Deluxe (a powerful diagnostic tool from Micromat), and more. To learn more about our new AppleCare Protection Plan:

http://enews.apple.com/?aaB991111:00002B224

7. Getting to Know AppleWorks

Upgrading your iMac or iBook to Mac OS 9? Then be sure to update your copy of AppleWorks. On your Mac OS 9 CD you'll find a folder called "AppleWorks 5.0.4 Updater" in the CD Extras folder. Open it, double-click on the Updater, and follow the instructions to update your copy of AppleWorks to AppleWorks 5.0.4. The Updater—which improves compatibility between AppleWorks and Mac OS 9 and is needed only if you upgrade to Mac OS 9—is also available on our web site:

http://asu.info.apple.com/swupdates.nsf/artnum/n11534

8. Quick Takes

Want to see AirPort in action? This weekend? Then be sure to visit an Apple retail location near you. Many stores will be using AirPort to create wireless networks of iBook and iMac DV computers. For more on Apple Demo Days:

http://www.apple.com/hotnews/features/demodays/1099/

"Clearly," Mobile Computing's Tim Bajarin asserts, "the iBook is not your father's laptop, and that alone makes it cool":

http://mobilecomputing.com/mobilecomputingn2/mcc199911/departe1.htm
On November 9, Phil Schiller, Apple's

vice president of Worldwide Product Marketing, delivered the kick-off keynote at Apple's first-ever QuickTime Live! conference. But don't worry if you couldn't make it to Los Angeles. You can watch it on QuickTime TV:

http://enews.apple.com/?aaB991111:00003B224

On Sunday, December 5, you can watch the Santa.com Holiday Parade on QuickTime TV from 9:00 to 10:00 am, Pacific time:
http://biz.yahoo.com/prnews/991027/ca_holiday_2.html

For more details, visit Santa at:
http://www.santa.com

According to Janelle Brown of the online Salon Magazine, iMac has spawned an undisputable translucent craze:
http://www.salonmagazine.com/tech/log/1999/11/01/imac_design/index.html
iMac Update is a free bi-weekly newsletter from Apple Computer.
To subscribe to iMac Update, visit:
http://www.apple.com/signmeup/

We're sorry, but we can't reply to e-mail on other topics.

Event dates are subject to change. Some products, programs, or promotions are not available outside the U.S. Visit your local Apple site or call your local authorized Apple reseller for more information. Prices are estimated retail prices and are listed in U.S. dollars. Product specifications are subject to change.

mini'app'les Handy Form

Name: _____

Company (if mailed to): _____

Address: _____
_____

City, State, Zip: _____

Phone (Home): _____ (Work): _____

Occupation: _____ ☐ Check if this is a address change.

Member ID# (if applicable): _____

Yes.. I'd like to join!

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

Which personal computer(s) do you use?
- ☐ Power Macintosh model(s) _____
- ☐ Macintosh model(s) _____
- ☐ Apple II model(s) _____
- ☐ Other _____

Please list the five software packages you use most often:
_____
_____
_____
_____
_____

What peripherals or attachments do you use?
- ☐ Printer
- ☐ Laser Printer
- ☐ Modem
- ☐ Scanner
- ☐ Digital Camera
- ☐ Drawing Tablet
- ☐ Voice Mail
- ☐ MIDI
- ☐ CD-ROM
- ☐ Other _____

What are your areas of special interest?
- ☐ Business Applications
- ☐ Household Applications
- ☐ Educational Applications
- ☐ Desktop Publishing
- ☐ Programming
- ☐ Networking
- ☐ Games
- ☐ Other _____

- ☐ Check if you want your name withheld from commercial and other non-club mailing lists
- ☐ Check if you are interested in volunteer opportunities
- ☐ Check if you were referred by a club member. Please give their name.
_____
_____

Macintosh & Apple II eDOM Orders

Please allow up to 6 weeks for delivery

Disk Size	eDOM #	Title or Description	Qty.	Price @	Total
		Total Merchandise			
		Add $1/Disk for Shipping ($4.00 Max)			
		GRAND TOTAL			
		Make Checks Payable to "mini'app'les"			

Disk Prices

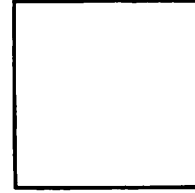|	Members	NonMembers
5.25" eDOM or System Disk:	$1.00	$2.00◊
3.5" eDOM:	$5.00	$10.00
Mac System 7.0.1 (9 Disks):	$15.00	N.A.
GS/OS 6.0.1 (6 Disks):	$10.00	N.A.
3.5" System Disks(All Other Systems):	$2.00/Disk	N.A.

(Price Includes 6.5% MN Sales Tax)
◊NonMembers cannot buy System Disks

Last Fold – Seal with Tape

Attention:
▢Membership Director
▢Software Director

Mini'app'les
P.O. Box 796
Hopkins, MN 55343-0796

2nd fold

1st fold

I.I.I..I.I..II..II..I.I..I.I..I.II.II...I..II.I.I...II..I..I.I

Dear mini'app'les
Please direct this to the:
▢ Membership Director
▢ Software Director

December Telecommunications SIG

submitted by Bert Persson

For the December 2 Telecom meeting Ben Stalling will show us how to use NetFinder. For more information about NetFinder see the article by Ben Stallings elsewhere in this newsletter. As many of you know Ben is a miniapples member and general manager at Twin Cities Freenet. We will meet at our usual location, Epiphany Lutheran Church, 1414 East 48th St S, Mpls at 7 P.M.

Bert

Welcome Gary Eckhardt, our new PhotoShop / Digital Imaging SIG leader.

submitted by Bert Persson

Gary has been working in photography for a number of years and lately focused his interest on image manipulation. We are fortunate to have a resource like him in our club and appreciate him as a new SIG (Special Interest Group) leader for the PhotoShop / Digital imaging meeting. The meetings will be held at their usual time, i.e. on the third Wednesday of the month, usually at the Washburn Public Library, 7 P.M.

Bring your digital files and hardware to the new Digital Imaging SIG

by Gary Eckhardt

At the November Photoshop-Digital Imaging SIG meeting, Gary Eckhardt asked attendees what programs they would like to have for the next year. Gary would like to solicit more input from all of Miniapples members. Potential programs could include digital hardware (cameras, scanners, computers,), software (video and still editing, presentation, etc.), fine art photography displays, Adobe Photoshop tutorials, joint meetings with the Twin Cities Digital Imaging Club, etc. If you have any suggestions,

contact
Gary Eckhardt at 612-944-5446 or by e-mail: buehl002@tc.umn.edu.

Benefits of your mini'app'les membership include:

A one year subscription to our monthly Newsletter

A free account on the mini'app'les BBS (45 minutes/day)
Communicate with other mini'app'les members plus get up to date information on mini'app'les events and meetings. Get assistance from other members. Download freeware and shareware.

Eligibility for frequent drawings of free equipment, software, and books.
Just a few of the many items given away free in the last year included: Connectix QuickCam, Microsoft Encarta, Books from Peachpit Press and MacMillan, RamDoubler, SpeedDoubler, Lind PowerBook battery Conditioners and Rechargers, Microsoft Art Gallery, and Apple System 8.5 software.

Discounts on book orders
40% off Peachpit Press, 30% off MacMillan family of book companies (Hayden, Adobe Press, Que, Sams, Brady, NRP, and Alpha)

Periodic special User Group discount offers on equipment and software.
In the past year, Apple, Hayes, Brøderbund, and APC Power Protection (Business Security Products), among others, have offered mini'app'les members significant discounts.

Plus, you're supporting all of mini'app'les' special interest group (SIG) meetings that you can attend each month.

It's easy to recoup your cost of membership with the above benefits.

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