



the Rhein Neckar Apple User Group

# RNAUG Newsletter

Volume 8, Number 5

May 1993

## Claris Corner

### FileMaker Pro 2.0

Now with System 7 support and advanced scripting, it's easier than ever to design a customized database with FileMaker® Pro 2.0. Recently released in September, FileMaker Pro 2.0 has more than 50 new features.

Unlimited customization is possible with the following three new features:

**ScriptMaker™**—New point-and-click scripting capabilities in FileMaker Pro 2.0 give both new and sophisticated users tools to customize the entire operation and appearance of a database to their specifications. With ScriptMaker, users can automate entire sequences of routine tasks, menu operations and procedures (in any predefined order), and initiate even the most complicated set of instructions by clicking on a single button.

**System 7 Apple Events**—Now FileMaker Pro can be used in concert with other Macintosh applications, such as word processing, drawing, and spreadsheet applications, as well as Claris® HyperCard®. For instance, to develop a chart or graph based on a set of FileMaker Pro data, simply instruct FileMaker to open and launch another application, like Microsoft Excel or Claris Resolve, import the specific data needed, produce a pie chart, and send the result back to FileMaker Pro. It's that simple.

**Data Access Manager**—For the first time, FileMaker Pro users can import System 7 Query documents and work with information that may reside on a corporate mainframe or mini-computer. This capability uses Apple's Data Access Language (DAL) and supports other databases, including IBM's DB2, Digital Equipment's Rdb, Oracle's Sybase, and Ingres Informix, and many others compatible with Apple's DAL. Users also will find Balloon Help™ and QuickTime capabilities in this enhanced version. QuickTime support will enable them to cut, copy, and paste anything from video footage and animation to sound and still images into their database. FileMaker Pro also comes with a host of predesigned business templates that can be used "as is" or customized further for client or customer contact information, invoicing, mailing lists, lead tracking, inventory, memos, and much more. All of which adds up to powerful advantages for businesses and corporate work groups. FileMaker Pro 2.0 has a suggested retail price of \$399.

For more information about FileMakerPro or other Claris products, (408) 727-8227. 🍏

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## New Mid-Range Macintosh Line The Mac Centris 610 and 650

February 10, 1993—Apple Computer, Inc. introduced the Apple® Macintosh Centris™, a line of mid-range personal computers providing fast performance, flexibility, and expandability to mainstream business and professional users at an affordable price. The new line includes the Macintosh Centris 610 and Macintosh Centris 650, which deliver the power of the high-performance Motorola 68040 microprocessor at significantly lower price points.

This product announcement also marks the debut of a new identity for the mid-range offerings in the Apple Macintosh® family—as the Macintosh Centris replaces the Macintosh II. The Apple Macintosh IIvx and Apple Macintosh IIvi computers will remain as part of the mid-range line at reduced prices, although they will retain their current names. The Macintosh IIvx and IIvi now represent Apple's entry-level, multi-slot Macintosh, and can be upgraded to the Macintosh Centris 650.

### The Centris 610

The Macintosh Centris 610 is the most affordable 68040-based Macintosh, offering exceptional power and expandability in a low-profile design. Up to two times as fast as the Macintosh IIvx and IIfx, the Macintosh Centris 610 has the horsepower to handle sophisticated graphics and multimedia applications as well as mainstream business programs. The Macintosh Centris 610 is equipped with 512K of on-board

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Also See FileMaker Pro Update on Page 2

See Centris: Continued on Page 5

## the Rhein Neckar Apple User Group

### TidBITS Update

## FileMaker Pro 2.0v2 Update

by Charles Wheeler -- charlesw16@aol.com

Note that Claris is now shipping FileMaker Pro 2.0v2. Several areas of improvement and squished bugs include Apple events, Browse Mode, Define Fields, Find Mode, Import/Export, Printing, ScriptMaker, and network operation. Specifics can be found in Claris support areas on major online services, and the details also ship with the update. This maintenance release is free to all registered owners of FileMaker Pro 2.0v1, but it is not automatic. You can order the update by calling Claris at the number below.

Reviews have mentioned FileMaker Pro's inability to dial phone numbers from within the application. The expected flood of little applications that would use Apple events to remedy this situation has yet to appear. What has appeared, however, is **InTouch 2.0**, a great little DA address book that does a multitude of things very well. It comes with a Control Panel called **Snap\***, which interacts with the DA from within other applications, even when InTouch is not open. Snap\* can also dial a phone number from within any application by pressing a user-defined hot key. I've tested it with FileMaker Pro 2.0v2 on my extension-laden Mac and it worked like the proverbial charm. No hacks, macros, or Apple events required. You could even highlight the Claris number below and dial it from within this file. InTouch 2.0 is from Advanced Software, who seem to be taking their name seriously.

Claris -- 800/544-8554

Advanced Software -- 408/733-0745

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*<info@tidbits.com>."*

## Higher Performance & Photo CD Compatibility Apple's New CD-ROM Drive

At the European Multimedia and CD-ROM Conference last October in Wiesbaden, Germany, Apple announced the higher performance, feature-rich AppleCD 300 CD-ROM drive. This drive offers twice the transfer rate (300KB/sec) of the AppleCD 150 and of most existing CD-ROM drives now on the market. This higher transfer rate provides users with quicker access to data and makes QuickTime movies, animation, and video appear smoother.

The AppleCD 300 is expected to spur developers to create new and more compelling CD-ROM titles that take advantage of the drive's faster performance. Working with QuickTime, this CD-ROM drive can read multi-session Kodak Photo CD discs, giving users EASY access to high-quality images on Photo CDs which they can import to Macintosh applications. The AppleCD 300 supports additional CD-ROM formats, such as CD+G and CD+MIDI, so users can take advantage of a wider range of CD-ROM titles. **How We Top the Competition** The drive has a unique speed select switch that provides users with the flexibility of choosing between double- or single-speed operation, in order to optimize compatibility with existing CD-ROM titles. In addition, it has a data buffer of 256 KB, which is four times the size of any other double-speed drive currently being sold. The AppleCD 300 also allows CD audio data to be transferred across the SCSI bus, providing editing and recording capabilities. The AppleCD 300 will ship with a collection of 8 to 10 CD-ROM discs that will include titles such as Alice to Ocean by Rick Smolan, Mozart String Quartet in C Major by the Voyager Company, Cinderella by Discis Knowledge Research, Kodak Photo CD Sampler, Nautilus CD, and the Apple CD-ROM Titles Sampler. Finally, Apple's quality standards, reliability testing, and integration process ensure that the players are compatible with all Macintosh computers from the Apple Macintosh SE on up and with Apple's System Software version 6.0.7 and greater, as well as with software enhancements such as QuickTime.

The AppleCD 300 began shipping in December 1992. Beginning in January 1993, it became available as a dealer-installable internal upgrade option (the AppleCD 300i) for the Macintosh Quadra 900 and 950, and the Macintosh IIfx. A separate installation kit for the AppleCD 150, which can read single-session photo CD discs, will continue to be available to users who want a more cost-effective solution.

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## The 5th Wave



"MORNING, MR. DREYEL. I HEARD YOU SAY YOUR COMPUTERS HAD BUGS. WELL, I FIGURE THEY'RE CRAWLING IN THROUGH THOSE SLOTS THEY HAVE, SO I JAMMED A COUPLE OF ROACH DISKS IN EACH ONE. LET ME KNOW IF YOU HAVE ANY MORE PROBLEMS."

## PowerBook Receives New Award

PC Laptop magazine has awarded the Apple Macintosh PowerBook 170 its 92-93 Editors' Choice Award for "Notebook of the Year." This award results from several others that PC Laptop has given the PowerBook line throughout 1992. It is the publication's highest award—chosen by the magazine's staff—the result of a review done within the last 12 months in competition with 42 other notebook computers.

Minutes of May Meeting

**Mac IIVI with CD-ROM Special Highlights Meeting**

Mark Twain Village, Heidelberg—13 May 1993

Vice-President Ingo Richarz, standing in for President Jim Clark who could not attend, opened the May meeting by directly introducing members Mike Vargo and André Létourneau. Mike and André, also employees of AMEXTRA, Apple's authorized distributor in Germany to the U.S. Forces, brought along one of the Macintosh IIVI now on sale at many audio-photo clubs. The \$1999 package includes the Apple 14" color monitor, keyboard, 5MB RAM, 80MB hard drive, and a built in CD-ROM player. On the funny side of the offer, the initial ads run by AMEXTRA in the *European Stars & Stripes* failed to state just what model Mac was on sale. This obviously generated a lot of calls from curious people to the folks at AMEXTRA and to the audio-photo clubs.

As Mike and André then prepared for their next demo, Secretary Hank Lavagnini provided a variety of Apple information gleaned from the electronic mail magazine, TidBITS. Among the most interesting items covered were:

- At least three new viruses have been discovered in the last couple of months—the T4-C, a CDEF variant, and INIT 17. The freeware packages Disinfectant 3.2 and Gatekeeper 1.2.7, as well as the leading commercial anti-virus packages, are all out and able to protect your systems. Several of them will be available at the June meeting.

- Apple's new Macs now use 72 pin SIMMs which are also being used by the newer PCs. The older, and better known 30-pin SIMMs can't be used in these new Macs. On the other hand the new SIMMs can be added in one at a time, instead of in pairs like the older SIMMs.

- There is rumor already of System 7.2. Its hot feature will be folders that pop open automatically for easier navigating through lower level folders.

- And there is talk of Mac III's (Cyclones?) that may have digital signal processors (DSP) for better sound, and built in voice mail and modem capabilities.

More TidBITS items will be appearing in the newsletter.


Mike Vargo then used the Mac IIVI to give an impressive demonstration of CD technology starting with a sample of Kodak's PhotoCD. Now you can have your family pictures put onto a CD-ROM disc for an instant electronic photo album. Photos stored on the discs come in various sizes and can be made into prints. Using QuickTime, you can run through the photos in a slide show though picture quality loses a little. The photos can also be brought into applications. Mike demonstrated this capability using TeachText (a very underrated program from Apple.)

The Mac IIVI package includes a bundle of 9 CD-ROM discs including Mozart, Grolier's Multimedia Encyclopedia, World Atlas, and Grandma & Me.

Also See FileMaker Pro Update on Page 2

**The Mac IIVI Bundle**  
 68030 CPU, 5MB RAM  
 80MB Hard drive,  
 Internal CD-ROM  
 14" Color Monitor  
 Keyboard and Mouse



<b>Financial Statement</b>	
by Paul Kostelnik	
	
<b>ASSETS (28 May 93)</b>	
Checking Account.....	1278.01
Petty Cash.....	11.50
Raffle Funds.....	0.00
Re-inker Supplies.....	78.46
Public Domain Library.....	50.00
<b>TOTAL ASSETS.....</b>	<b>1417.97</b>
<b>TOTAL LIABILITIES.....</b>	<b>0.00</b>
<b>NET WORTH.....</b>	<b>1417.97</b>
<b>INCOME (May-Jun)</b>	
Disk of the Month.....	4.00
Public Domain Disks.....	0.00
Re-Inking Service.....	1.00
Disk Sales.....	151.75
Ribbons.....	14.25
Apple II System 6.....	0.00
Miscellaneous.....	0.00
Membership Dues	
Apple II Users.....	10.00
Macintosh Users.....	70.00
Teachers.....	0.00
<b>TOTAL INCOME.....</b>	<b>251.00</b>
<b>EXPENSES (Feb-Mar)</b>	
Door Prizes.....	299.65
Fees.....	35.00
Miscellaneous.....	0.00
Petty Cash Expenses.....	34.47
Disks, Ribbons, etc.....	0.00
<b>TOTAL EXPENSES.....</b>	<b>369.12</b>
<b>NET INCOME.....</b>	<b>(118.12)</b>

# the Rhein Neckar Apple User Group

## More Claris Info

### All New MacProject Pro

MacProject Pro, the next generation of the best-selling project management software for Macintosh and winner of six consecutive MacWorld World Class Awards, is now available from Claris. With more than 100 powerful new features users can create realistic schedules quickly, manage resources and workloads accurately, and present project status professionally.

**Built-In Outline**—Now it's easy to brainstorm plans and create schedules from a simple task list using MacProject Pro's new full-featured Outline. The Outline, which can be expanded, collapsed, and reordered, speeds data entry by providing access to any data columns the user wants to display, such as start and finish dates. Supplemental task information, such as instructions and contacts, can also be entered as embedded text, which the user can choose to display or hide. **Manage Projects** With unlimited task resources, users can assign as many resources as they need to each project task. **Cross-Project Leveling** instantly spots over-allocations of staff and equipment working on multiple projects simultaneously. Plus, the new **Multiple Open Documents** feature lets users view and edit several projects simultaneously.

MacProject Pro allows users to do more accurate scheduling based on real-world conditions with new schedule constraints, including start and finish on, no earlier than, and no later than. It can take into account different work schedules for each task, such as overtime, with new task calendars.

**Professional Presentations**—With MacProject Pro, users can create, automate, and preview presentation-quality project charts and reports. Sorting, custom column ordering, colorful graphics and collapsible notes let users customize tables and timelines. And the **Timeline bar** formats let users enhance Gantt charts with colors, markers, and patterns to highlight key tasks. Users can even automate reporting with **Perspectives**—custom project views which can be saved and shared.

**Share Data**—With full System 7 support for Apple events and publish and subscribe, MacProject Pro users can easily share data with other applications and users. **Exchange Links**, also available under System 6, lets users automatically create graphs and reports in other applications including FileMaker Pro and Microsoft Excel. And the unique **Attached Documents** feature lets users attach and open supporting documents created in other applications, such as memos, reports, and diagrams just by double clicking on tasks within MacProject Pro.

MacProject Pro has a suggested retail price of \$599. For additional information about MacProject Pro, contact Claris at (408) 727-8227.

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## Minutes *Continued from Page 2*

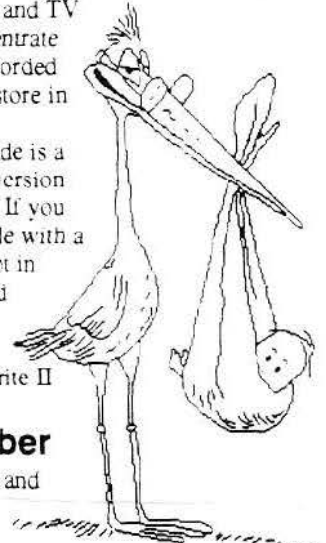
Mike concluded his show with a demonstration of the shareware voice mail program, *Talk-to-Me*. Connecting the Mac IIvi to a PowerBook, he was able to speak into the microphone on one machine and have his voice play back on the other. Would you believe the cost of the program is only \$10.00!!

In other Apple news, the EUCOM Audio-Photo Club has sold off its inventory of stereo and TV equipment and will now concentrate of selling Macintoshes and recorded music. They will be the main store in Europe for the Mac.

The ClarisWorks 2.0 upgrade is a nominal \$15.00 for copies of version 1.0 purchased after 15 Feb 93. If you get ClarisWorks 1.0 as a bundle with a new Mac, get a separate receipt in order to qualify for the reduced price. It's \$99.00 otherwise. Also MacWrite Pro is out. The upgrade cost from MacWrite II is \$69.00.

## New RNAUG Member

RNAUG and parents Mark and Debra Hoyle are please to introduce the newest member of our User Group—**Amanda C. Hoyle** (C for *Centris*?), born February 26th in Tucson, Arizona, at the University Medical Center. She weighed in at the PowerBook size of 5 pounds, 10 ounces, and 18½ inches long. Congradulations! 🍏



## It's Never Too Late to Volunteer!

RNAUG can always use people to help out. What can you do? How about writing an article for the Newsletter? Help prepare a disk of the month. Give a demo, or just talk about your favorite software or hardware at one of the meetings. Each officer has a bunch of things to do—why not be an assistant?

It's not too early either! In August, the Heidelberg

Community usually holds its CARE FAIR. Private organizations set up tables and show what they can do for folks. For RNAUG, it is great opportunity to attract new members. We always can use people to bring in and show off their Apples. If you would like to help for a few hours on a Saturday, contact one of the officers before the summer break. 🍏



**Centris** *Continued from Page 1*

video RAM (expandable to 1,024K), so users get more colors without having to purchase an additional video card. Users can also choose an internal hard disk with storage capacity from 80- to 500 MB, opt for on-board Ethernet networking, add an internal CD-ROM drive, install a NuBUS™ or processor-direct card, and even connect two displays. A high-speed SCSI interface lets users add additional peripherals, such as scanners or high-volume storage devices. And AppleTalk® networking is built in.

**Features And Benefits Of The Macintosh Centris 610**

- 20Mhz Motorola 68LC040 (68040 without FPU) for Apple Macintosh Quadra™ class performance
- 4-68 MB 72 pin RAM
- Built-in, high performance SCSI for faster data transfer
- Internal expansion slot for PDS or 7" NuBus (adapter required)
- Optional Motorola 68882 FPU
- 512K VRAM (support 256 color on 14" displays) expandable to 1024 for 32,000 colors on 14" and 16" displays
- Optional internal AppleCD™ 300i drive
- Optional on-board ethernet (factory installation only)

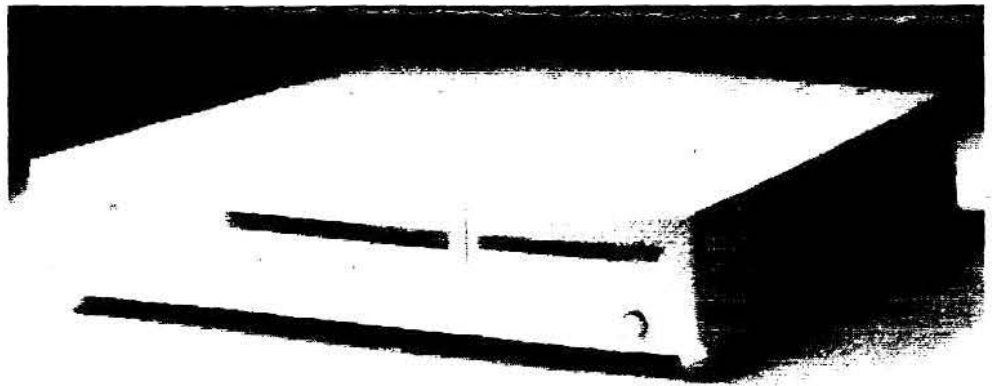
**Macintosh Centris 650**

Designed for flexibility, it is the most expandable Macintosh Centris computer. Based on the fast, 25-megahertz Motorola 68040 microprocessor, the Apple Macintosh Centris 650 provides affordable high performance.

The system comes with 4 megabytes of RAM and a built-in 8K cache for speed up to 2.5 times that of the Macintosh IIfx and IIfx. And for increased performance, users can expand memory up to 132 megabytes or add an optional math coprocessor. In addition, users can customize the system by adding NuBus expansion cards in the three expansion slots provided, or with an on-board networking capability add an Ethernet option.

The Macintosh Centris 650 comes standard with an internal hard drive, and its high-speed SCSI interface allows additional high-volume storage devices, such as the AppleCD™ 300i internal CD ROM drive, so users can run CD-ROM applications in brilliant color. With its speed and expansion options, the Macintosh Centris 650 is equipped to handle the complex tasks that professional users require—from sophisticated spreadsheets to graphics-intensive publishing, to database retrieval.

Like all Macintosh Centris computers, the 650 reads Macintosh, MS-DOS, OS/2, and ProDOS floppy disk formats.



**Features And Benefits Of The Macintosh Centris 650**

- High performance 68040 with extensive expansion capabilities and built-in storage
- 25Mhz Motorola 68LC040 (with FPU included in all K-12 configurations)
- 4-136 MB 72 pin RAM (8 MB standard on all K-12 configurations except 4/80)
- Built-in, high performance SCSI for faster data transfer
- Internal expansion slots: 1 PDS and 3 NuBus
- 512K VRAM (support 256 color on 14" displays) expandable to 1024 for 32,000 colors on 14" and 16" displays
- Optional internal AppleCD 300i drive
- On-board Ethernet on all K-12 configurations except 4/80

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# the Rhein Neckar Apple User Group

## The Macintosh Secret Trick List

by Brian Kendig (bskendig@phoenix.Princeton.EDU)

A "trick" (aka "cookie" or "easter egg") is something amusing or otherwise nonproductive that won't appear unless you do some action you wouldn't normally do. I've also included a few interesting tips about such things as the Map control panel that are useful but (as far as I know) undocumented (or put in the manuals where nobody'll read about them).

**Multifinder 1.0** (distributed with System Software prior to 6.0) Hold down Command and Option while selecting "About Multifinder" from the bottom of the Apple menu. A scrolling list of credits appears. (Contributed by Seth Theriault)

**Multifinder 6.0** Select "About Multifinder" and leave the dialog up for about an hour or more. (Yes, this means you can't use your machine meanwhile...)

A message will appear:

"I want my"

"I want my"

"I want my l-k and f-i!"

You can also see this message if you snoop around in the "STR#" resources of Multifinder for a while with ResEdit. (Contributed by Tony Cooper and James Boswell)

**System 6.0.7 or 7.0** Take a look through the data fork of the System File (with MacSnoop or MacTools, or open it with MS Word—It's short.) The string "Help! Help! We're being held prisoner in a system software factory!" is at the end of the data fork. (Contributed by Kevin Bolduan)

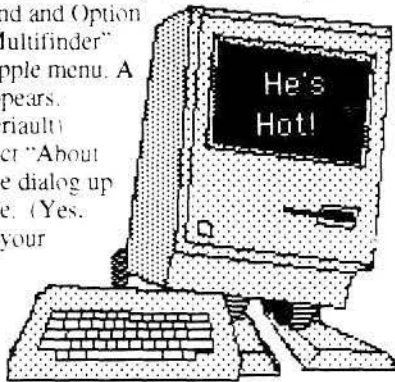
**System 6.0.7J** (Kanjitalk) Set the clock to January 1, 1992, and restart. The startup screen says "Happy new year" in Japanese. (Contributed by Junio Hamano)

**Finder 7.0** Hold down Option while choosing "About This Macintosh". (The menu option changes to "About the Finder", and if balloon help is turned on, the balloon now reads "Displays a dialog with the original Finder picture.") The original picture of the mountains from System 1.0 appears. If the creation date of the invisible "Desktop Folder" is May 13, 1991, or later, the names of all the Finder developers through Mac and Lisa history also scroll by. Hold down Command-Option while choosing "About" to get a goofy-face cursor.

**Finder 7.0 and MacsBug** Turn on Balloon Help and point to the MacsBug file. The balloon reads: "This file provides programmers with information proving that it really was a hardware problem..."

**Caps Lock 7.0.1** (on a PowerBook) Turn on balloon help and point to the Caps Lock file icon. The balloon help reads: "This file allows your Macintosh TIM or Derringer to display an icon..." (These were the working names of the PowerBooks; Apple forgot to change the extension before System 7.0.1 was released!) (Contributed by Seth Theriault and Fabian Hahn)

**Color Control Panel 7.0** Click on the Sample Text a few



times. The strings "by Dean Yu" and "Vincent Lo" alternate.

**Labels Control Panel 7.0** Delete all the label names in the Labels control panel, and reboot. The labels are now "None," "a", "l", "a", "n", "j", "e", "f".

**Map Control Panel 1x** (released with System 6) and 7.0 Type MID as the city name, and click Find. Also try: clicking on the version number, option-clicking on Find, opening the control panel while you hold down shift and/or option, clicking somewhere in the Map and dragging off the edge of it, or copying the map from the Scrapbook and pasting it while the Map control panel is open. The stored point MID is actually "Middle of Nowhere", an insignificant location in the middle of the South Atlantic. (This one was added in version 7.0.)

Clicking on the "7.0" puts "v7.0, by Mark Davis" into the city name field until you release the mouse button.

Option-clicking on Find repeatedly will take you alphabetically to every city the Map knows.

Opening the control panel while you hold down the shift key will display a magnified map (the resolution is the same, so it's very jagged).

Opening it with option held down magnifies it more, and shift-option magnifies it even more to the point of being really blocky.

Dragging off the edge of the map will scroll around the world.

You can paste a new picture into the control panel; the Scrapbook that comes with System 7 includes a particularly good color map.

(Contributed by Takeshi Miyazaki and Doc O'Leary)

**Memory Control Panel 7.0** (on a machine capable of virtual memory) Turn on virtual memory and hold down Option while clicking on the pop-up menu used to choose a hard drive for your swaptfile. This brings up a hierarchical pop-up menu with the names of the programmers; each name points to a submenu with a few comments. (Contributed by P. Hesselund Pedersen)

**Monitors Control Panel 7.0** Click the version number (7.0) in the control panel window. While you hold down the mouse button, tap Option several times. When you click, a box pops up with the names of the people who wrote Monitors. Pressing Option makes the smiley face stick out its tongue. After tapping Option several times, the names begin to get rearranged and some first and last names get replaced with "Blue" or "Meanies".

**Puzzle Desk Accessory 7.0** You can copy the picture of two linked squares from the Scrapbook and paste it into the Puzzle. In fact, you can paste any picture into the Puzzle, and it will be sized to fit. You can also copy the picture from the Puzzle and look at the clipboard to see what it will look like solved. (Contributed by Povl H. Pedersen)

**QuickTime 1.0** Turn on Balloon Help and point to the QuickTime file. The balloon reads: "time n. A nonspatial continuum in which events occur in apparently irreversible succession from the past to the present to the future." (Contributed by Kristopher Nasadowski) 🍏



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February 10, 1993

Mr. Jim Clark  
Rhein-Neckar Apple Users Group  
CMR 420, Box 525  
, AP 09063

Dear Mr. Clark,

This letter is to introduce Foo Castle, an exciting new children's game. It is a full color program with lively animation, loads of sounds and interactive games which teach and entertain children ages 3 to 10. Parents, educators and children who have tested Foo Castle enthusiastically agree that it is one of the best children's programs available today! The enclosed literature provides more information about Foo Castle.

Your user group may order a copy of Foo Castle for \$25.00, approximately 60% off the retail price of \$59.95. Individual members of your group may obtain copies of Foo Castle for the introductory price of \$39.95 per copy.

If you have any questions about Foo Castle or this special offer, please contact us at the address, phone or fax number listed above or leave a message on America-on-Line addressed to FOO.

Sincerely,

James J. O'Connor

JJO  
Enclosures



The RNAUG NewsLetter runs For Sale and Wanted ads for the benefit of our members. If you would like to advertise hardware or software for sale, send your ad to Hank Lavagnini, RNAUG Newsletter, CMR 419 Box 468, APO AE 09102 or to Jim Clark, RNAUG President, CMR 420 Box 525, APO AE 09063. Be sure to include your name and your telephone or mailing address in your ad.

**GIVE AWAY:** One (1) small computer/printer desk—wood finish. If wanted, contact J. C. Firmiani at 06105-5795 and I will bring it to the next RNAUG meeting, 10 June 93.

**WANTED:** Looking for a used **ImageWriter I** or **ImageWriter II** printer and an **800k external disk drive** for my son's Mac to use in college  
**CONTACT:** Craig Cheney, 06224-74618 or 370-7569

**FOR SALE: APPLE ImageWriter II Printer, \$275**  
**CONTACT:** Ray Burglehaus, 06201-44257

**FOR SALE: APPLE 'FAT' MAC & IMAGEWRITER II**

One of the original Mac's, 512k, plus external 800k drive, keyboard plus number module, cooling fan installed, covers and original boxes. Comes with MacWrite, MacDraw, games and other assorted software. Apple ImageWriter II Printer, recently serviced (50 pages before). Great for beginners or students.

Complete package for \$420.00

**CONTACT:** C.R. Cox, Stuttgart Civ, 0711-7289915

**TUTOR WANTED:** Interested in Apple IIGS classes using AppleWorks database and spreadsheet.

**FOR SALE: APPLE II+ \$150.00**

Olivetti PR2300 Ink-Jet Printer (w/ extra ink cartridges) Apple II Disk Drive, Sargon III, Temple of Apshai, Wizardry Series, Space Adventure, Beginners Cave, Super Text, Bank Street Writer, and a bunch of manuals and programming books.

**CONTACT:** Michael P. Hanson, 06227-55536 (after 6 PM)

**Now is the time to restock your computer supplies. RNAUG offers members the best prices for diskettes and ribbons.**

**Diskettes:**

<b>3.5 DD 800k disks</b>	<b>\$0.50 each</b>
<b>3.5 HD 1.44M disks</b>	<b>\$0.75 each</b>
<b>3.5 HD 1.44M disks</b>	<b>\$18.75 for 25</b>
<b>5.25 disks</b>	<b>\$0.30 each</b>
<b>Disk Labels</b>	<b>\$1.75 for 50</b>

**ImageWriter Ribbons:**

<b>Black</b>	<b>\$2.00 each</b>
<b>Color</b>	<b>\$6.25 each</b>

**New Software For Sale**

I got this software as part of special offers. They are new, unused packages with original disks and registration cards. When you register, you may be eligible for a free upgrade to the latest version.

These are System 7 compatible.

WriteNow 2.2	T/Maker	\$30.00
Record Holder Plus	Software Discoveries	\$20.00
Full Impact 2.0s	Ashton-Tate	\$25.00

I also have a never before registered copy of the Panorama database by ProVue (System 6 version) \$55.00

**CONTACT:** Hank Lavagnini at 380-1540 weekdays or

**GERMAN SPELLCHECKER WANTED**

I have an Apple IIGS, 1¼ meg, and I love using AppleWorks. Since I write many papers in German, I am desperately searching for a German spellchecker for AppleWorks 3.0. If you have one or know where to buy one, send the address to Marianne De Grange, R.D. #3.

**APPLE SYSTEMS FOR SALE**

**POWERBOOK 140 \$1500.00**  
 4MB RAM / 40MB HD, System 7.0 Software

**APPLE IIGS SYSTEM \$850.00**

Apple IIGS CPU	Apple IIGS RGB Monitor
AE 1MB GSRAM Expansion Card	
AE Z80 Coprocessor Card	AE Parallel Pro Card
3.5" Disk Drive	5.25" Disk Drive
CH Products Mach III Joystick	Software

**ORANGE MICRO GRAPPLER LX \$50.00**

Use your Macintosh with non-Apple Laser, InkJet, and 24 pin printers. Includes spooler software.

**Contact:** Arthur Herpolsheimer  
 Work: 370-2287/2730



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## *the Rhein Neckar Apple User Group*

Available at the June Meeting

### **Disinfectant 3.2**

by John Norstad Academic Computing and Network Services  
Northwestern University jnorstad@nwu.edu

Disinfectant 3.2 is a new release of our free Macintosh anti-viral utility. Version 3.2 detects the new INIT-M virus.

The INIT-M virus was discovered at Dartmouth College in April, 1993. INIT-M is a malicious virus. It is designed to trigger on any Friday the 13th. The virus severely damages a large number of folders and files. File names are changed to random 8 character strings. Folder names are changed to random 1-8 character strings. File creators and types are changed to random 4 character strings. This changes the icons associated with the files and destroys the relationship between programs and their documents. File creation and modification dates are changed to Jan. 1, 1904. In some cases, one file or folder on a disk may be renamed "Virus MindCrime". In some very rare circumstances, the virus may also delete a file or files. Note that the next three Friday the 13ths are in August 1993, May 1994, and January 1995. The virus can also sometimes cause problems with the proper display of windows.

The virus only spreads and attacks under System 7.0 or later. It does not spread or attack under System 6. The Disinfectant protection INIT, however, will detect an infected application

under any system.

The virus infects all kinds of files, including extensions, applications, preference files, and document files.

The virus creates a file named "FSV Prefs" in the Preferences folder. If you use Disinfectant to repair an infected system, it will delete this file.

The damage caused by the INIT-M virus is very similar to that caused by the INIT 1984 virus. Despite this similarity, the two viruses are very different in other respects, and should not be confused.

Version 3.2 also contains two other changes:

There was an error in version 3.1 in the changes made to the damaged file detection code. This error affected only a very few people with very rare kinds of damaged files. Version 3.2 fixes the problem. Thanks to Stephen Lardieri of Princeton University for helping to find and fix this error.

Disinfectant's preferred memory partition has been increased from 700K to 1000K. This fixes a problem scanning some specific applications with very large CODE resources, including PSpice and Intellidraw. Thanks to the many users who reported this problem.

Disinfectant 3.2 is available now via anonymous FTP from site ftp.acns.nwu.edu [129.105.113.52], file pub/disinfectant/disinfectant32.sea.hqx. It will also be available soon from most of the other popular sources of free and shareware software. ●