March 1994

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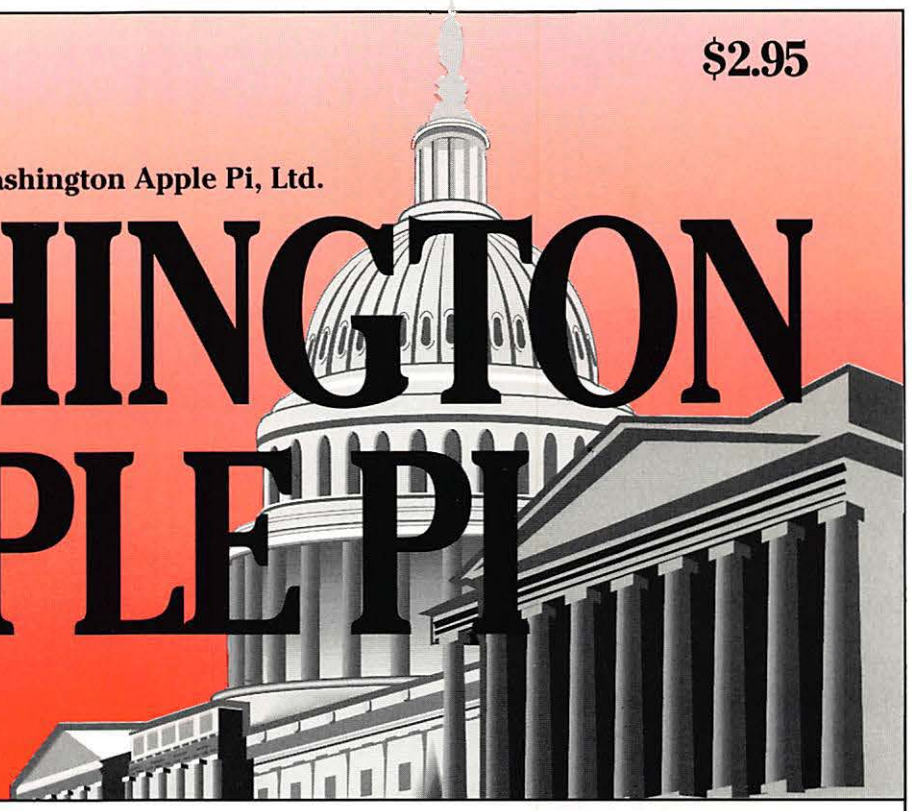
The Journal of Washington Apple Pi, Ltd.

WASHINGTON APPLE PI



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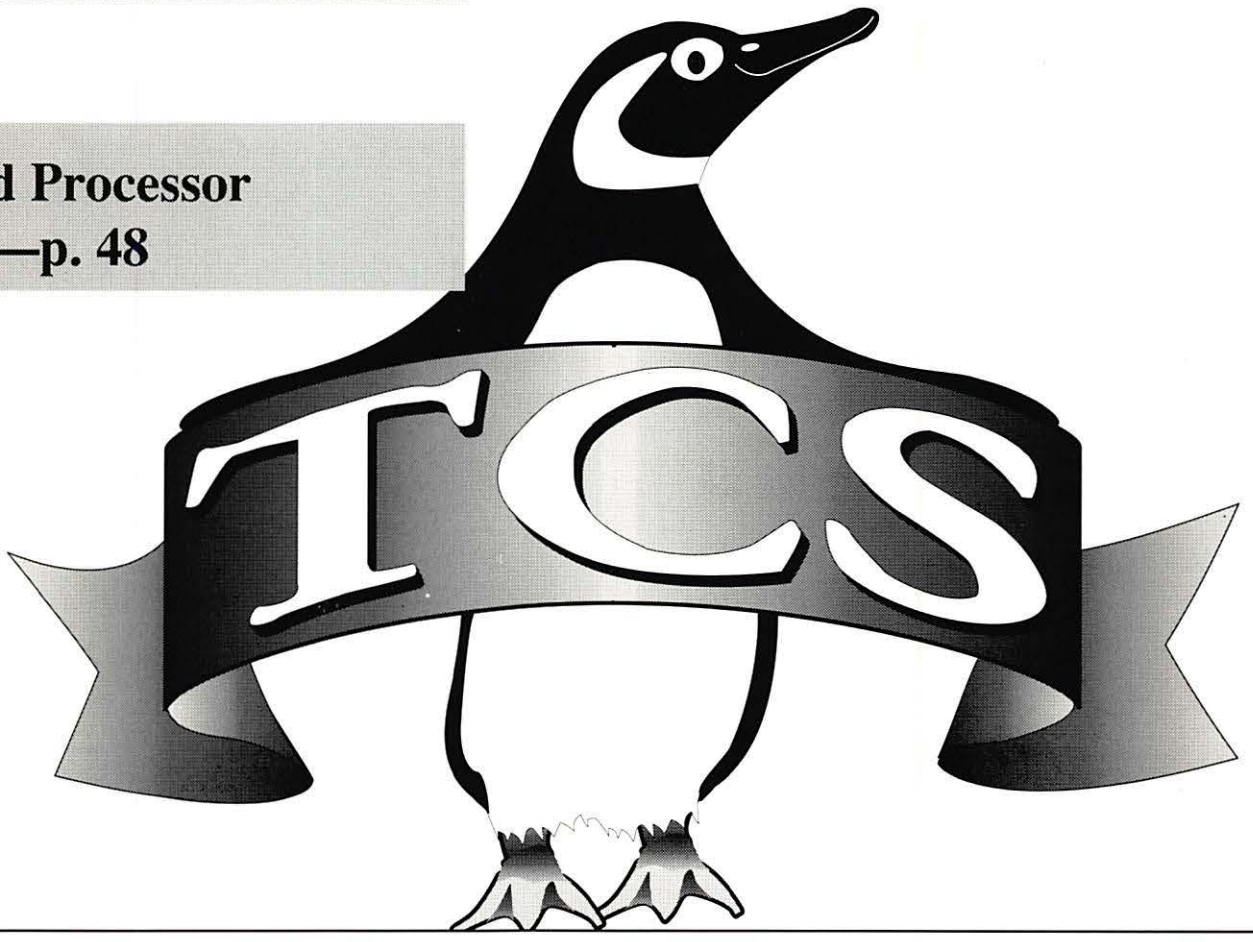

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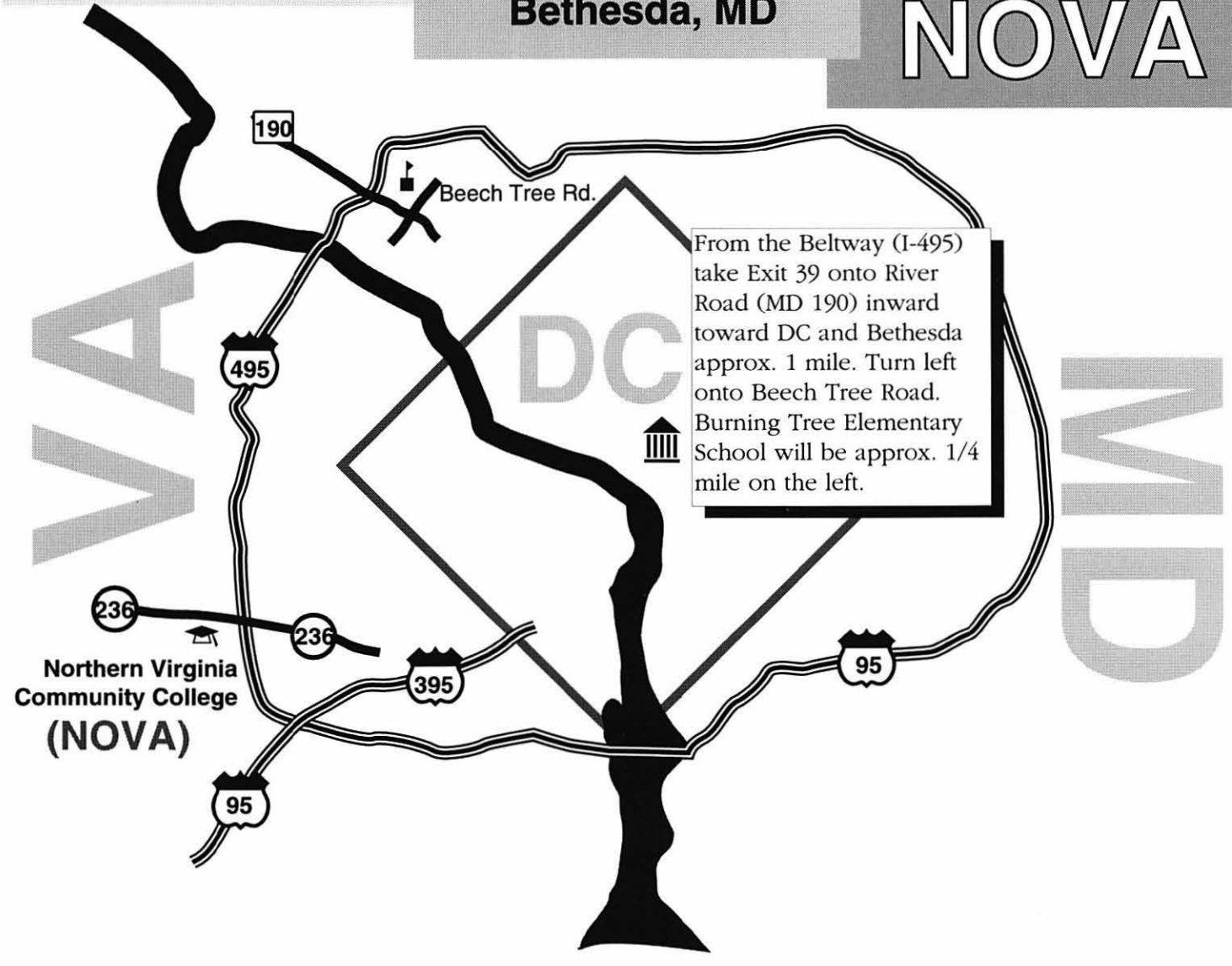

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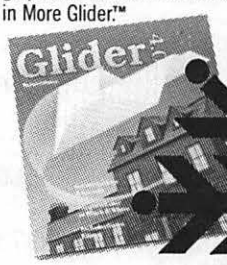

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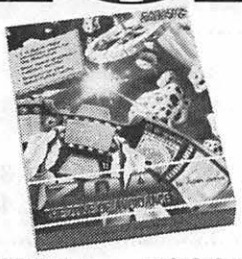

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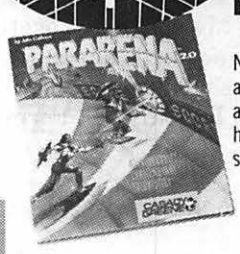

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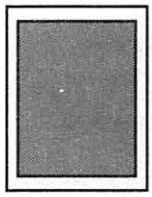
The Journal of **Washington Apple Pi, Ltd.** is an independent publication not affiliated or otherwise associated with or sponsored or sanctioned by Apple Computer, Inc. The opinions, statements, positions and views stated herein are those of the author(s) or publisher and are not intended to be the opinions, statements, positions or views of Apple Computer, Inc.

Advertising in the Journal

Some Orientation Possibilities



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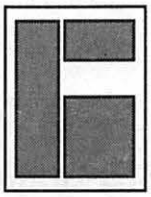

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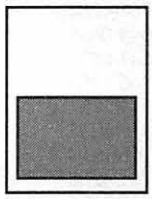

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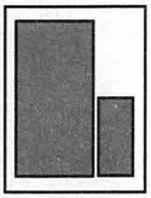

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The Washington Apple Pi Journal is published monthly. The ad copy deadlines and ad space reservations are listed below for your convenience.

Copy may be received as traditional mechanicals, rc-paper, velox prints, or film negatives. Negatives will incur an additional $15.00 strip-in charge.

Washington Apple Pi

This issue of the Washington Apple Pi Journal was created on a Mac SE/30, proofed on an LaserWriter IINT, and produced by electronic typesetting at The Publishers Service Bureau.

The page layout program used was PageMaker 4.2a, the word processing program was Microsoft Word 5.1; the principal typeface is New Century Schoolbook (10/12) for the articles; and Helvetica for headlines, subheads, and emphasis.

Cover Design: New WAP Journal cover design was created by Ann Aiken in collaboration with Nancy Seferian. The Capital artwork was illustrated by Carol O'Connor for One Mile Up, which donated it for use on our cover.

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Apple II, IIe, & IIGS

Apple Disk Libraries

Apple III (SARA)

Macintosh Disketeria

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May ..... March 20

Editors' submissions
April. ..... Feb. 28
May ..... March 27

Ad space reservations
April. ..... Feb. 21
May ..... March 20

Camera-ready ad copy
April. ..... Feb. 28
May ..... March 27

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From the President

....Neither Rain, nor Snow, nor Zip+4....

by Lorin Evans

To operate a user group, it is not enough to know the Mac of the Month, the latest driver for CD-ROMs, or what passes for current gossip from Apple. You also need to understand the interstate telephone tariff structure, how to rebuild a Lisa hard drive and the multi-tiered rate schedule of the U.S. Post Office. It is the Post Office that is on my mind right now. You know, the folks who are checking your mail room to see if your use of UPS or FedEX is justified. Well, we are trying to use their system to accomplish our ends. The question is: how can we get you a Journal as quickly as possible at the lowest possible rate?

We decided to change the mailing labels for the February Journal and see what happens. Until the end of 1993, we used second class service with the standard five-digit ZIP code. We could change our postal status by going to ZIP+4 and see whether it would get to you faster or at a lower rate. No, the system is such that with our volume, we would do better with a bar-coded label. Oh, ok, let us do both at once. All we have to do is send our mailing list to some place in Kentucky and, for a fee, a contractor for the Post Office moves the Watsons from McLean to Arlington (where they really live), discovers the Potters have no ZIP+4, and changes everything to Suite or Apt, and on and on. Oh yes, and every time the list generates more than a 10 percent error rate, the Pi must send the list back to Kentucky, and for a fee. . . Or, we could buy a neat CD-ROM with all the data on it and do it ourselves. Well, to do it that way, we have to do a few more things the Post Office manual does not mention, like decide what to do when the apartment number given is higher than the Post Office thinks should be in the building, and relocate a few homes—nothing serious. Oh, and we must be sure to update the data base weekly to account for new members and changes of address: we don't want to go over a 10 percent error rate or off to Kentucky, for a fee, goes our data for repair. And, don't forget that for the month with a greater than 10% error rate, we do not get the favorable differential mailing rate, which we count on to pay for the CD-ROM the Pi must purchase quarterly to move the Schrivers from Georgetown to Washington.

All better? Well, not quite. You see, now that we have bar-coded labels, we need to print them in a different order from plain old 5-place ZIP in order to get them sorted so

that we can take advantage of the presorted rates that now become of interest so as to further benefit from the rate savings that are supposed to be out there from that quarterly investment in the CD-ROM. Oops, now the Post Office tells us that the Journals must have a special colored-coded tag for each of the specially-colored bags to indicate the city/state/double density cross-loaded sorting that really gets us the best rate. Oh oh, that information is suppose to be on the line under the bar code. Ooops, redesign the label again to add that line! We only have one inch within which to work— that's 72 points to be divide among seven lines and the mandatory white space between labels! Ah, we are almost there. Now, which parts of this process are done by our printer, the Post Office, and, the Pi? Did we miss anything? Yes, we missed our normal shipping date for February by two and one-half weeks. Do we have a learning curve? You bet, and with a quick study like John Hardis leading us through this 72-point, color tagged-bagged morass, we will prevail!

Now, what was the question? ■

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StockSIG

by Morris Pelham

Quicken 4 has a fatal flaw. I am sad to have to say it, but it does. I spent my good money to buy the program, and worse than that I spent hours and hours and hours keypunching in the data from Barron's to show how our various portfolios are doing. All wasted.

What happened was, I got my first 1994 Barron's and sat right down to keypunch. I put in the last 1993 dividends and prices. Then I asked *Quicken* for a report on how our beating the Dow strategy had done in 1993, looked at it, and said, "That can't be right!" So I had *Quicken* make me several other reports, and they didn't look right either. Finally I had *Quicken* make me an "Investment Performance Report" for the full year 1993 and printed it out. I checked the printout against other data sources, and sure enough, the prices were wrong! All wrong!

It appears that *Quicken* will happily make you a report of your investment performance from date A to date B even if it does not have any prices for your investments on those dates. It simply takes a price from a different date and uses that. Of course stock prices change every day, guaranteeing that your report will be incorrect.

So, I have sent my copy of *Quicken 4* to the farthest, darkest corner of my basement. Banished! Until the thing is fixed or replaced with an update that gives correct answers. I am switching back to *Excel 4.*

At our January meeting I told my sad *Quicken* tale, but no one was interested so we moved right along to using *Excel* to beat the Dow.

Mark Pankin has found a data source for Dow stock prices back to the early 1970s. He brought several worksheets of how our beating the Dow strategy had worked in 1993 and many earlier years. He passed them around, but the one for 1993 didn't get to me so I can't tell you right now how it turned out. We had a good discussion with many questions and answers flying back and forth.

Then we turned to beating the Dow in 1994. If I counted right, four of us have bought our 94 portfolios and two more are considering it. The problem is that we have bought at least two and maybe three different portfolios. Between December 1st and our meeting January 13th, stock prices, dividends and a distribution changed the selections several times. Several of us brought printouts or floppies with *Excel* data to pass around or show on the club's IIci. So we had another good discussion with many opionions and guesses flying back and forth.

Then we turned to our new Fidelity Select project. If I counted right, three of us are doing this now and two more are interested, all led by Mark Pankin. Mark's work indicates a return of over 40% per year from Jan 3, 1989 to the present. Interesting. Mark gave me a list of the funds that his database had picked to produce this result, and I hope to look them up in Barron's and confirm the results. Again, a good discussion was had and then we all went home.

StockSIG meets the 2nd Thursday of each month at 7:30 PM at the WAP office. ■

Women's SIG Meeting

The next meeting of the Women's SIG will be Thursday, March 24, 1994 from 6:00 to 8:30 PM.

We were snowed out in January, but Paula Shuck will still be with us for our March meeting. Hooray! She is going to demo *FileMaker Pro* and will show us how to set up templates in *FileMaker*. One will be a wedding data base and another a recipe data base. The wedding data base is based on the Women's SIG Rolodex template Paula gave us at her last demonstration. Glenda Porter-field has been using it to help plan her daughter's wedding.

The other template Paula will demonstrate will be a recipe data base where the fields will include the season, number of servings, main ingredients, secondary ingredients, directions, source and a shopping list. Bring your favorite recipe in any word processing program and we will import it into the recipe data base to create the beginning of a Women's SIG Favorite Recipes file.

Paula will also demonstrate and share her favorite shareware games and programs. If you have a special shareware program you like, then please bring it. Be sure to bring a blank disk so you can make copies of the shareware applications and templates we discuss.

Grace Gallager will cater dinner for us and we'll chat over dinner before the meeting. R.S.V.P. to Grace at 703-222-4570, so that we can plan.

The meeting dates for the rest of the year are: May 19, July 28 and September 22. All will be at the WAP office from 6:00 to 8:30 PM. Hope to see you there.

If you want to be on the mailing list please contact Ann Aiken at 301-530-1990.

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TCS Information

■ **Coming in March!**
A **new guide for the TCS** has been written and will be available from the office. It will run approximately 25 pages and will cover the new system, how it operates, what it has to offer, etc. The cost of the guide will have been determined by the time you receive this Journal.

■ On page 19 in this journal is a **1-page TCS quick reference sheet** to assist you when you are on the System.

■ We'd like to get **your questions regarding the TCS** and use them for the basis of a new column in the journal—questions and answers. Please address your questions to the TCS crew, care of the office, and we'll put together the answers and publish those that fit in the journal.

■ Early in April there will be a course, **Introduction to the TCS** being offered. Currently the date is April 9, but check with the office to confirm.

Take Advantage of WAP's Disketeria Selections

Both Apple and Macintosh files are available through the office and via modem. Two examples of those files can be seen in this Journal All the dingbats used throughout are either from the Macintosh "Animal" or "Cable" files. See pages 60-78 for descriptions and order forms.

π

Journal Index for 1993

by Harvey Kaye
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This is the index for the Journal for the year 1993. It follows the format of the indexes printed for prior years and provides: Title; Author; Subject; Month; and Page. It is expected that this Index, and other earlier indexes for several years back, will soon be available on disk from the Macintosh and the Apple disk libraries.

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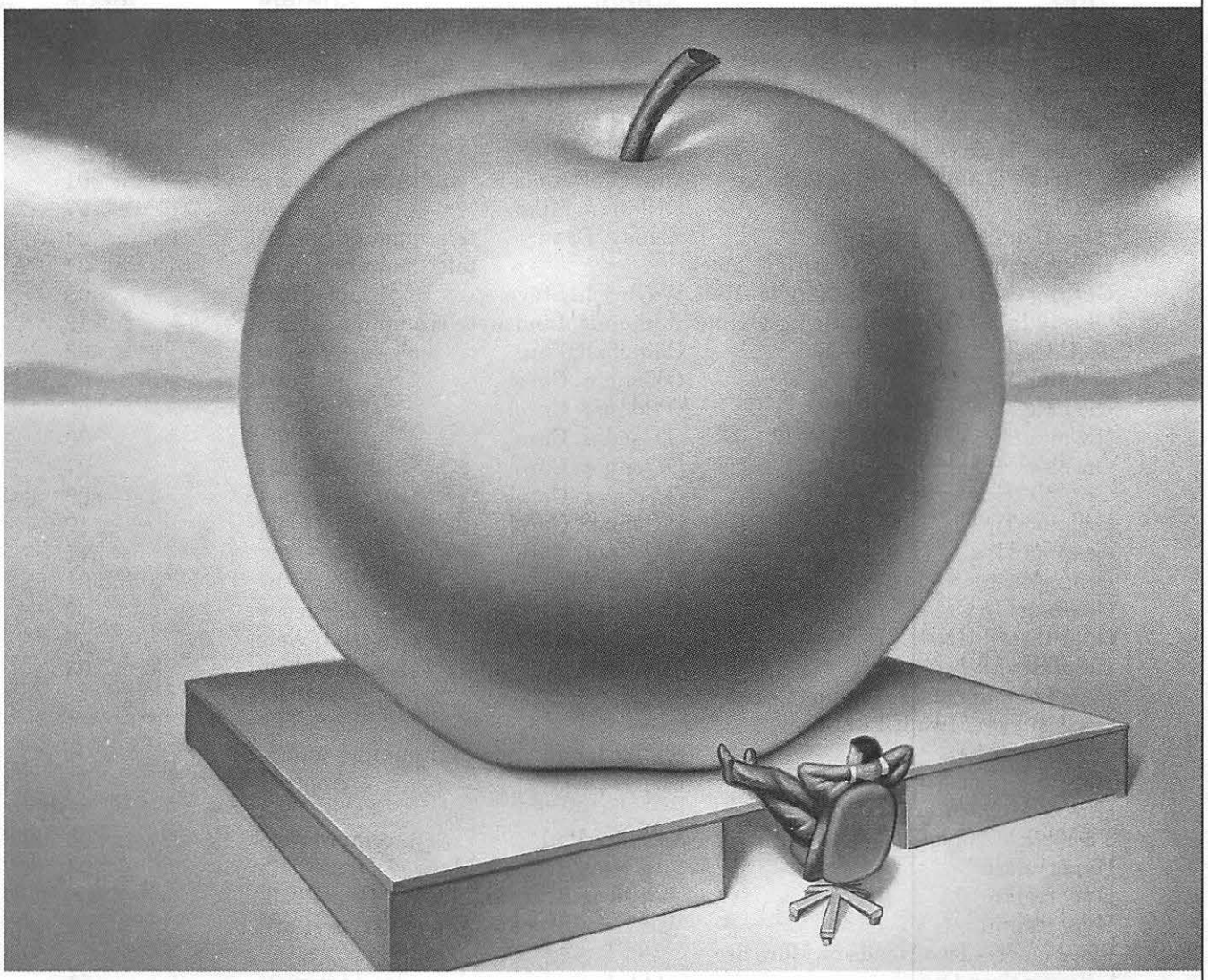

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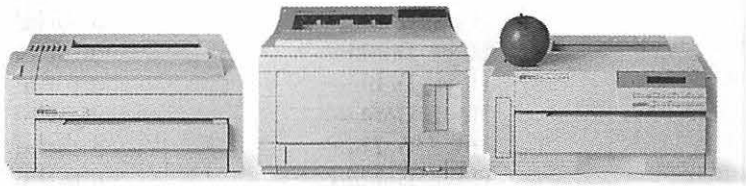

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More On Kyle Foundation's On-Line Network For Sick Kids 01/07/94 SAN FRANCISCO, CALIFORNIA, U.S.A., 1994 JAN 7 (NB)

(Editor's note-This press relase was picked up from Internet.)

Newsbytes has obtained more information concerning the Kyle Foundation's on-line network for seriously ill children.

The network will be based on Apple Computer's new eWorld service. The Kyle Foundation was cofounded by best-selling author Tom Clancy initially in November, 1992, in memory of eight-year-old Kyle Haydock, who had died of cancer. Kyle was read Clancy's "The Hunt For Red October" by his grandfather during one of his stays in hospital for treatment. Kyle and Clancy became friends as a result of fan mail the boy sent to the author.

The Kyle Foundation is a non-profit, public foundation intended to provide an on-line interactive communications network for seriously ill children and their families. The network was officially announced at Macworld in San Francisco this week, as reported previously by Newsbytes. The Foundation says that it will have a continued presence at future Macworld's in the US, and as the network expands across platforms, it will have a presence at other trade shows as well. The Foundation says that the network will be "a bridge to a world of support for children and their families - providing education, communication, entertainment, information and opportunities." The Foundation will also provide special programs and supportive services for seriously ill children and their families. Said Katherine Robinson, co-founder and executive director of the Foundation, "We believe that by working together collaboratively and in partnership with the industries we've outlined, as well as hospitals, non-profit organizations and the education community, we can build a network rich with resources, services and programs that will empower people to learn, dream, communicate and work in new and extraordinary ways." Continued Robinson, "The Kyle Foundation's network is intended to reach all children and all families, nationwide and around the world. The network will help seriously ill children because it will help all children."

Robinson told Newsbytes that she envisions the many thousands of service groups (for all illnesses) around the country forming alliances in order to coordinate their services to be "readily available and accessible to people." She added that, "One of the problems that I have found is that, when someone gets ill, it's very difficult to find out where the services are." The Foundation already has a number of board members, including: David R. Dukes, co-chairman of Ingram Micro; David Nagel, senior vice president and general manager of Apple's AppleSoft Div.; Steven Rosenberg, M.D., Ph.D., chief of surgery for the National Cancer Institute; James SanSouci, M.Ed, the Foundation's secretary and director of operations; actor Tom Selleck; and Clifford Stoll, PH.D., scientist, astronomer, and author. Also included is Katherine Robinson, executive director and executive vice president of the board, and Clancy's wife Wanda, a cofounder, board member, and the Foundation's treasurer. David R. Dukes, co-chairman of Ingram Micro, and a Kyle Foundation board member, said: "The personal computer industry has a great yearning to support a very substantial project that uses advanced technology to provide services that are so desperately needed but not readily available."

The Foundation has recruited the American Academy of Pediatrics to help in the providing of information to users. Said Dr. Betty Lowe, president of the Academy, "The network meets our national goal of educating children and their families about a wide variety of medical and psychosocial issues. This network represents an exciting new technology that will enable the Academy to reach more children and parents with our important pediatric health messages." The Foundation proposes to "actively recruit the involvement of leaders from the education, entertainment, health care, therapeutic, technology and business communities." The Foundation will form "strategic alliances, collaborative projects and partnerships, to build the network." Robinson told Newsbytes

(continued page 24)

Quick Reference Sheet for the Telecommunications System

Here's a list of commands which may be helpful to you when on the TCS.

—TCS Phone Numbers:
301-986-8085 (for 300, 1200, 2400 bps)
301-986-0706 (for 9600, 14400 bps)

—Main Menu
<B> ....Bulletin Boards
<C> ....Change Conferences
<F>.....File Transfer
<L>.....General Library
<M>....Membership Search
<N> ....Now On System
<O> ....Off the System
<P>.....Public Library
<T>.....Time and Date
<U> ....User Preferences
<W> ...Read Welcome Bulletin
<X> ....eXamine Weather Forecast

—Change Conference Menu
<1-8> ..Choose Conference Number
<L>.....List Conferences Available
<Q> ....Quit to Main Menu
<1> .....General Conference
<2> .....Apple II Conference
<3> .....Macintosh Conference
<4> .....Classified Conference
<5> .....Global General Conference
<6> .....Global Apple II Conference
<7> .....Global Macintosh Conference
<8> .....Global Miscellany Conference

—Conference Menu
<A> ....Adjust Pointers
<C> ....Change Conference
<G> ....Global Read All New Msgs
<L>.....List All Available Boards
<O> ....Off the System
<Q> ....Quit to Main Menu
<R> ....Read All New Msgs
<W> ...Welcome Bulletin
<X> ....Xfer All New Msgs
<Z>.....Zelect Boards of Interest

—Bulletin Board Menu
<A> ....Alter/Edit an Existing Message
<B> ....Blind Reply to a Msg by Number
<C> ....Change Boards
<D> ....Delete Msg From or To You
<E> ....Enter a Message
<F>.....Find Message by Keyword
<L>.....Library for this Board
<O> ....Off - Quit the System
<Q> ....Quit to Main Menu
<R> ....Read a Msg or Msgs
<S>.....Scan Message Headers
<T>.....Title Scan Msg Headers
<W> ...Welcome Bulletin for Board
<X> ....Xfer (Download) a Msg or Msgs

—Editor Menu
<A> ....Add to File
<C> ....Clear File in Memory
<D> ....Delete a line from File (#)
<E> ....Edit a Line (#)
<F>.....Find a String
<G> ....Global Search & Replace
<I>.....Insert Lines into File (#)
<L>.....List the File (#)
<M>....Toggle Reply Mode
<N> ....Line Numbering Mode On/Off
<P>.....Purge Temporary File
<Q> ....Quit - Clear File & Exit
<R> ....Read back from Temporary File
<S>.....Save File and Exit Editor
<T>.....Write File to Temporary File
<U> ....Upload Mode Toggle (No Reply Mode)
<V> ....View Temporary File
<X> ....Exchange a String within line (#)
<">.....Modify Reply Mode Characters

—File Transfer Menu
<A> ....Adjust Pointers
<G> ....Global Read New Descs
<L> ....List All Available Areas
<N> ....New File Descriptions
<O> ....Off the System
<Q> ....Quit to Main Menu
<R> ....Read All New Descs
<Z>.....Zelect File Areas

—File Area Menu
<A> ....Alphabetical List
<B> ....Batch Functions
<C> ....Change File Area
<D> ....Download a File
<F> ....Find File Descriptions
<H> ....Help With File Transfer
<I> .....Info on File Contents
<L> ....List All Files
<M>....Mark Files for Downloading
<O> ....Off the System
<Q> ....Quit to Main Menu
<R> ....Read File Descriptions
<T> ....TitleScan Descriptions
<U> ....Upload a File or Files
<W> ...Welcome Bulletin

—User Preferences
<A> ....Alter Password
<E> ....Emulation Mode
<F> ....File Transfer Protocol
<P> ....Prompt Character
<Q> ....Quit to Main Menu
<R> ....Reply Mode Prefix
<V> ....Video Length
<X> ....Expert/Novice Prompts
<Y> ....Your Current Status

Telecommunications

Keeping Track of New Books in the Montgomery County Public Library System

by Phil Shapiro

The "New Books" shelves in the local library systems often include some choice nuggets. In the past year or two I've run across more than a few treasures on these shelves. But in some cases one or two excellent new books have eluded my attention. Long after the books have been published (sometimes as long as six months), I come to learn of their existence. Naturally, this will not do.

Determined to find a way of compiling a list of all new books in the Montgomery County library system, I asked Lillian Snyder, head librarian at the Germantown Community Library, if there were some way of doing so. Ms. Snyder, always quick to explain an online search technique, said that I could compile such a list by doing a search in the public access catalog (PAC) under the word "1993".

For those who might not know, the Montgomery County card catalog is accessible to anyone with a personal computer and modem. Not only can you search the card catalog for books, but you can access several highly useful periodical databases and Grolier's online encyclopedia. The phone number for this free service is: (301) 217-3906. (Set your communications software to 2400 baud, and 8 bits, no parity, one stop bit.) Anyone, local or long distance, can call. But certain of the services require that you have a Montgomery County library card to access them.

Anyway, to make a long story short, I called the Montgomery County PAC and captured a listing of all books, videotapes, and audio tapes that were copyrighted in 1993. How many total library entries were there for 1993? Oh, about 3820.

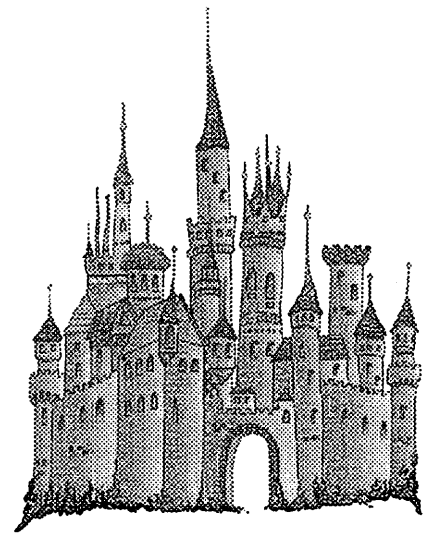
The entire text file amounted to about 650K of text. Gee, just enough to fill a 3.5 inch Apple II, Mac, IBM, or Amiga floppy disk. What a serendipitous turn of events.

After capturing this file I spent about an hour or two cleaning up the extraneous text that was captured along with the bibliographic data. I used AppleWorks, on my Apple IIc, to do this task. Most Mac word processors lag far behind AppleWorks' zippy scrolling rate.

After saving the cleaned-up text to disk, I copied the Apple II freeware "Sneeze" program onto the floppy disk, allowing anyone to boot the disk and quickly browse through the entire 1993 library holdings one screen at a time. [Editor's Note: A copy of this disk, "Montgomery Libraries 1993," has been donated to the WAP Disketeria. Both Apple II and Mac versions are available. Be sure to specify which format you'd like if you order this disk. The Mac disk contains just plain text files. You'll need to access the files using any word processor. Note: TeachText won't do the trick. The files are too large for TeachText.]

Information is useful to the degree to which it is organized. With the entire 1993 library holdings easily accessible on my computer, the natural next step was to compile a reading list of all books dealing with special areas of interest. My own reading tastes fall into two general categories: 1) Books dealing with technology, and, 2) Books dealing with parenting/education issues.

I've compiled reading lists for both of these areas. For those who



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might be interested, here is a list of the new "technology" books acquired by Montgomery County Public Libraries in 1993. [Editor's Note: These books are generally accessible to anyone living in the Washington DC metropolitan area; the library systems in the area all give reciprocity to residents from other local library systems. You do need to get yourself a Montgomery County library card, though. These are available at any Montgomery County library.]

New Technology Books in Montgomery County Libraries (1993)

[Author's Note: The following list is not an exhaustive list. Just a sampling of the books that caught my eye.]

Hillstrom, Kevin, ed., Information industry directory: 1993, Detroit: Gale Research Inc., 1993.

Biotechnology for the 21st century: a report by the FCCSET Committee on Life Sciences and Health. [Washington, DC]: The Committee : GPO, 1992.

Television & cable factbook: the authoritative reference for the television, cable & electronics industries, Washington, DC, Warren Publishing, Inc., 1993.

Nelson, Peggy. How to create powerful newsletters: easy ways to avoid the pitfalls 80 percent of all newsletters face, Chicago: Bonus Books, 1993.

Lindsey, Jimmy D., ed., Computers and exceptional individuals, 2nd ed., Austin, TX, Proed, 1993.

Hecht, Jeff, Understanding fiber optics, 2nd ed., Indianapolis, IN: Sams Publishing, 1993.

Software encyclopedia: 1993. A guide for personal, professional and business users. New Providence, NJ: R.R. Bowker, 1993.

McGraw-Hill yearbook of science & technology: 1994. Comprehensive coverage of recent events and research as compiled by the staff of the McGraw-Hill encyclopedia of science & technology, New York: McGraw-Hill, 1993.

Davis, Graham, Quick solutions to great layouts, Cincinatti, Ohio: North Light Books, 1993.

Travers, Bridget, ed., World of invention, Detroit, MI: Gale Research Inc., [1993], c1994.

Keyes, Jessica, Infotrends: the competitive use of information, New York: McGraw-Hill, 1993.

Ferguson, Charles H., Computer wars: how the west can win in a post-IBM world, New York: Times Books, 1993.

Roush, Sheryl L., Newsletters for the 90's, La Mesa, CA: The Author, 1993.

Sutton, Caroline, More how do they do that?: wonders of the modern world explained, New York: W. Morrow, 1993.

WAP members interested in participating in an ongoing discussion of books might want to visit the Arts and Entertainment area on CapAccess, the new Washington DC community information service. WAP's own Gary Hayman serves as the leader of this area on CapAccess. The phone number for CapAccess is: (202) 785-1523. At the login prompt type: "guest" (without the quotation marks). At the password prompt type: "visitor" (without the quotation marks). Capture the online registration form, print it out, fill it out, and mail it in to the address given at the end of the form. Registration and use of CapAccess is free.

To get to the Arts and Entertainment area on CapAccess, type "go arts" (without quotation marks) at any of the standard CapAccess prompt.]

Rosenborg, Victoria, A guide to multimedia, Carmel, IN: New Riders Pub., 1993.

McCormick, John A., Computers and the Americans with Disabilities Act: A manager's guide, Blue Ridge Summit, PA: Windcrest, 1993.

Giscard d'Estaing, Valerie Anne, Inventions and discoveries: 1993: what's happened, what's coming, what's that?, New York: Facts on File, 1993.

Bielefield, Arlene, Libraries & copyright law, New York: Neal-Schuman Publishers, 1993.

Pollard, Michael, Machines: a Prentice Hall illustrated dictionary, New York: Prentice Hall General Reference, 1993.

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Vidali, Gianfranco, Superconductivity: the next revolution?, New York: Cambridge University Press, 1993.

Smith, Richard J., Navigating the Internet, Carmel, IN: Sams Publishing, 1993.

The Electronic university: a guide to distance learning, Princeton, NJ: Peterson's Guides, 1993.

Wang, Richard Y., ed., Information technology in action: trends and perspectives, Englewood Cliffs, NJ: PTR Prentice Hall, 1993.

Hardie, Edward, Internet: mailing lists 1993, Prentice Hall, 1993.

Rathborne, Tina, Modems for dummies, IDG Books Worldwide, 1993.

Trubitt, David, Making music with your computer: from the editors of Electronic Musician magazine, Emeryville, CA: EMBook, Winona, MI: 1993.

Browne, Steven E., Videotape editing: a postproduction primer, 2nd ed., Boston: Focal Press, 1993.

Rizzo, John, How Macs work, Emeryville, CA: Ziff-Davis Press, 1993.

Rittner, Don, The whole earth on-line almanac: info from A to Z, New York: Brady Pub., 1993.

Anders, James K., Live wired: a guide to networking Macs, Carmel, IN : Hayden, 1993.

Levine, John R., Internet for dummies, San Mateo, CA: IDG Books Worldwide, Inc., 1993.

Ronan, Colin A., ed., Science explained: the world of science in everyday life, New York: H. Holt, 1993.

Burrus, Daniel, Technotrends: how to use technology to go beyond your competition, New York: HarperBusiness, 1993.

Electronics Now (magazine), [Radio Electronics combined with Electronics Now] July 1992-Feb. 1993, Farmingdale, NY: Gernsback Publications, Monthly.

Conclusion

The result of this project is that I now have a pretty good idea of all the new books, videocassettes, and audio tapes that were entered into the Montgomery County library system in 1993. I may not have the time to actually read all the books I'd like to read, but at least I know what's there. It feels good to have this overview of the new items in the library. With just a few hours work, I've allayed my concern of possibly overlooking a new book that offers useful knowledge or inspiring ideas.

The way I figure it, if an author takes two, three, or four years to write a book, the least respect I can accord the author is to be aware that his or her book exists. Too many of us travel through life without even being aware of the fabulous creative works of our peers.

These are exciting times for readers. Books are being written and published at an unprecedented pace. But writers and publishers aren't the only ones with access to information technology. Readers, too, can participate and support the dissemination of new information and ideas.

Ordinary citizens can take an activist role in supporting libraries. Just as ordinary computer users can band together to form self-supporting social networks called user groups, so too can ordinary library patrons band together to form social networks called literate communities.

In some ways we are all members of the English language users' group, a special interest group in the larger group of Homo Sapiens. Interestingly enough, just as great synergies result when individuals help each other in user groups, so too can great synergies emerge when volunteerism is applied to the larger social framework. By extending the user group mode of operation into the realm of libraries and books, we can build social institutions of immeasurable richness and wealth to us all. ■

[The author takes a keen interest in issues involving the dissemination of information and ideas. He can be reached on GEnie at: p.shapiro1; on America Online at: pshapiro; and on Internet at: pshapiro@aol.com]

A review of two books

A Big One And A Little One: Two Books by Robin Williams

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Dictionaries are wonderful. At home, I have a couple hundred dictionaries, with well over a hundred devoted to English and at least that many devoted to either foreign languages or specialized topics. There are spelling dictionaries (words, no definitions), historical dictionaries, medical dictionaries, word root dictionaries, various Webster's and Oxford dictionaries, dictionaries for Spanish, French, German, Japanese, Chinese, Korean — an entire reference library of dictionaries. Collectively, they give me power: power to use and misuse a number of languages and specialized lexicons, and the power to dazzle with vocabulary those I can't seduce with logic.

Then there are dictionaries on my computer; one in Microsoft Word, another in Microsoft Excel, a shared dictionary spanning all the Claris products (way to go, Claris!), another dictionary in WriteNow, another in Nisus, a superb one in WordPerfect (perfect for cheating at Scrabble), and my favorite, Spelling Coach Professional 4.0, complete with a massive thesaurus.

Jargon: An Informal Dictionary of Computer Terms

My favorite "computer dictionary," however, is Robin Williams' latest masterpiece, *Jargon: An Informal Dictionary of Computer Terms*, an astonishing collection of wisdom and wit that is both entertaining and enlightening. Like most modern dictionaries, it is organized alphabetically by the term being defined, and has cross-references to take you to related terms. Unlike any other dictionary I've ever seen, it also has an index, which is the perfect tool for those who aren't quite sure where to plunge in. It also has a crossword puzzle (for testing your new-found mastery of computer terms), a solution to the crossword puzzle (for cheating), and a splendid appendix, "How to Read a Computer Ad." For some, the appendix alone would justify purchase of the book.

As you might expect from Williams, there is a heavy, hearty dose of Macintosh terms, and virtually all the illustrations are from Macs. This is a pleasant contrast with most "computer dictionaries" which seem to be stuck in the world of either mainframes or MS-DOS computers. However, this isn't a "Macintosh-only" book; co-author Steve Cummings brings along solid credentials from the world of "those other computers" and Williams credits him with "rounding out" the dictionary with many PC-specific and "generic" terms.

Even the most complex concept is expressed in clear English, without falling into two common pitfalls: talking down to the reader, or trivialization. A combination of dry wit, plus strict attention to essentials, provides an unusual combination of enlightenment and entertainment. *Operating system,* for example, is explained succinctly in four short paragraphs, then illustrated with hilarious spoof explanations of MS-DOS, Windows, Macintosh System 7, UNIX, Windows NT, Taligent/Pink, OS/2, S/36, and OS/400.

Not all the definitions are heavy-duty. You can have quite a bit of fun hopping around searching the definitions of *propeller head, geek, nerd, nerdette, hacker, cracker,* and *power user*. Also entertaining is the section on *baudy language*, wherein you will find definitions of common abbreviations and symbols seen in electronic mail messages.

Does the book have flaws? Boston Computer Society and BMUG both have entries, but not Washington Apple Pi. At least one member of the TCS Committee will turn pale at the contention that Scott Watson's *White Knight* telecommunications program has a wonderful manual. The entry on *SCSIProbe* wrongly credits SyQuest with ownership (SyQuest licensed it long after the author released it on bulletin boards).

In short, it isn't perfect. It is just the best computer dictionary yet written.

Tabs & Indents on the Macintosh

If *Jargon* is a big book, *Tabs & Indents* is definitely a small one, and the title says it all. Within its 63 pages you'll find 14 "exercises" on how to properly use tabs and indents in Microsoft Word, Microsoft Works, ClarisWorks, MacWrite II, WriteNow, PageMaker and QuarkXPress. About the only significant, and deliberate, omission is WordPerfect, which Williams notes works "very different from other Mac applications." A magnificent understatement.

Williams gives nice, polite reasons for having such a book, but I'll be more blunt: virtually everyone screws up tabs and indents. If you've

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ever tried to revise a document in which someone tried to line up items with spaces (shudder), or used tabs instead of a hanging indent (double shudder), or didn't realize there was a difference between a centered tab and centered text between margins (horrors), or (brief break for medication) heavily formats a document using bitmapped (Chicago, Geneva, Monaco, New York) fonts and then doesn't understand why everything fails to line up properly when printed on a laser printer, you'll readily appreciate this book.

Also included is a disk with sample text for the exercises in ClarisWorks, Word (can also be used by PageMaker and QuarkXPress), MacWrite II (and Pro), Microsoft Works, ASCII (non-program- specific), RTF (Rich Text Format), and WriteNow formats. Having the text already written greatly speeds up the exercises, which also increases the likelihood you'll actually do them. The disk also includes a copy of PopChar, a clever system extension for finding symbols and characters in a font, and Disinfectant, which has nothing to do with the subject at all but is probably a good idea.

Aside from its price (cheap) and subject matter (vital), *Tabs & Indents* is also hassle-free. Even the most overworked co-worker, the one who writes everything in Chicago and inserts five spaces for an indent, can breeze through the book in a couple hours, and the time invested will greatly speed up their work in the future. Maybe even prevent a justifiable homicide.

Just think: this book could play a major role in court reform!

Trivia item: traditionally, a book has been defined as a work having at least 99 pages. UNESCO, of all things, has created a "standard" definition declaring a book needs a minimum of 49 pages. And you thought the United Nations was only interested in world peace.

Robin Williams. ***Jargon: An Informal Dictionary of Computer Terms***. Peachpit Press, 1993. xii, 676pp. $22. ISBN 0-938151-84-3.

Robin Williams. ***Tabs & Indents on the Macintosh***. Peachpit Press, 1993. 63 pp. $12 (includes disk). ISBN 1-56609-065-2.

Peachpit Press also has an aggressive user group discount. Call them at 510-548-4393, charge card in hand, identify yourself as a member of Washington Apple Pi, and you'll get a discount far greater than the cost of the phone call.

Kyle Foundation
(continued from p. 18)

that the name of the network on eWorld is to be decided by children. "We're letting the kids name it. The first committee is a group of children and families - they should name it." Information will be a major factor in the new network. Said Robinson, "We've got the American Academy of Pediatrics as our partner. Dr. Steven Rosenberg is very concerned about getting adequate information out to families that they can understand." She told Newsbytes that there will be databases to provide basic information on different illnesses. "But beyond that, the databases will also tell you where the organizations are and how to reach them that have the broader amounts of information. There are organizations out there doing that. But people need to know how to get hold of those organizations." Clancy wrote an essay about his friendship with Kyle, called "Turn Back." In it, he wrote: "It's easy to turn away. It's even safe, because doing so is soon forgotten. Turn back anyway. There are children who need us."

Anyone interested in information on the Kyle Foundation write to the organization c/o 35 Melrose Dr., Oroville, CA 95966. The telephone number is 916-533-8622, and the fax number is 916-345-0570. (Ian Stokell/19940106/Press Contact: Kirsten Kappos, 714-566-1000 ext 2727, Ingram Micro Inc; Katherine Robinson, The Kyle Foundation, 916-533-8622)

SITcomm v.1.0

by Rick Zeman

Introduction

Aladdin Systems—the "Stuffit folks"—has added their entry to the Communications Toolbox-based comm program derby with *SITcomm*. *SITcomm* (**S**imply **I**ntuitive **Tele**c**omm**unications) is a communications program with a few twists: it has 90% of the f unctionality of *Stuffit Deluxe* built- n and it's the first comm program that's fully AppleScript-able. In addition, it's designed to make telecommunicating simple for the novice and still offer power to more advanced users; largely they succeed, although there are still some bumps on this part of the data highway.

Under the hood...

SITcomm is a CTB-based program (like *Communicate Lite;* see the 12/93 *Journal*). As shipped, tools include:

- **Basic Connectivity Set**

TTY Tool
VT-102 Tool
Serial Tool
Apple Modem Tool v.1.5
Apple Text Tool

- **Aladdin Tools**

Aladdin Kermit Tool
Aladdin X/YMODEM Tool
Aladdin ZMODEM Tool

These tools are both the basic set needed for any CTB program to function and the additional protocol tools necessary to really get the most out of transferring files. A significant omission, to me, is the lack of a PC-ANSI tool, though Aladdin is purportedly writing one.

Also installed is Aladdin's 'Stuffit Engine' and archive translator package. This combination allows on-the-fly decompression of certain archive formats (.SIT, .CPT and .hqx) and automatic Stuffit compression of files being uploaded. And, the archive translator package will allow you to quickly and efficiently transfer files from almost any alien format into a format that your Mac can utilize (see **Figure 1**). There are also two viewers, for viewing and printing text files and for viewing and printing PICT files.

One can can see how having these compression/decompression built in is both convenient and cost-effective; one doesn't have to purchase any third party utilities to access their downloaded files. Unfortunately for Aladdin Systems, that would seemingly include *Stuffit Lite* and *Stuffit Deluxe* (they do offer archive manipulation, though; that, *SITcomm* does not).

Figure 1-Translation Menu

Setting up *SITcomm* was a breeze; it comes on two 800k disks replete with the Aladdin InstallerMaker installer. The only installation glitch was, since I already had the Apple Modem Tool 1.5 installed, that the Apple Modem Tool Preferences weren't installed onto my startup drive. Aladdin Systems had pre-configured the preferences with setup strings of many popular modems—so they weren't available to me; I had to manually create my own.

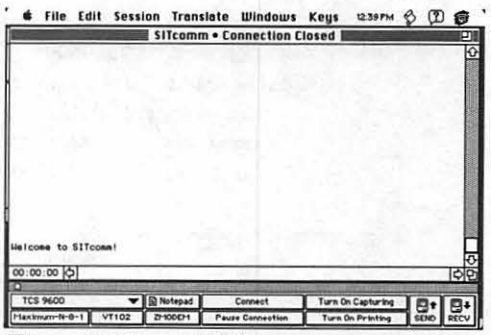

Figure 2-Terminal Screen

Configuring *SITcomm*

SITcomm, upon loading, presents a sporty tool bar (see **Figure 2**) beneath the terminal window (note: you won't be able to use the toolbar effectively on 9" monitors due to the way the CTB scrolls; the first few lines of a new screen of text will be written offscreen). This toolbar is a boon to users of any CTB-based program. By definition, CTB-based programs are document-centric; each session is normally stored as a separate document. In SITcomm, that inconvenience is mitigated by having each session selectable from the toolbar. No more trips through Standard File.... Also on the toolbar are controls for manipulating all of the as-

Scripting SITcomm with AppleScript

This is a little application that I wrote one time when I wanted to find a file on the WAP TCS. It'll automatically start *SITcomm*, log onto the TCS, go to the File Transfer area (over 750 megabytes of files!), download the Master File listing of all the Mac files on the TCS and automatically load the listing into *Excel*. All of the "online" stuff was done using the recording abililites of *SITcomm*. The rest was filled in offline in the Script Editor.

```
property myPath : ""
property myName : ""

tell application "SITcomm™"
        activate
        with timeout of 350 seconds
                Connect "TCS 9600"
        -get pathname to download folder
                Get Receive Folder
                copy (result as string) to myPath
                Wait For Text "SWORD# "
                beep 1
                display dialog ¬
                        "Enter your TCS password:" default answer ¬
                        "" buttons {"Cancel", "Enter"} ¬
                        default button "Enter"
                set password to (text returned of result)
                Send Text password & return
                Wait For Text " Menu"
                Send Text "f"
                Wait For Text "W/Z/?)"
                Send Text "2" & return
                Wait For Text "a <2>"
                Send Text "d"
                Wait For Text "nload"
                Send Text "macfiles.txt" & return
                -get filename downloaded
                Receive Files
                copy (result as string) to myName
                Wait For Text "Waiting"
                quit
        end timeout
end tell
-add the path and filename to get complete file pathname
set myFile to myPath & myName
tell application "Microsoft Excel"
        activate
        with timeout of 10 * 50 seconds
                open (myFile as string)
        end timeout
end tell
```

pects of the online session.

True to Aladdin's "Simply Intuitive" motif, configuring *SITcomm* is easy. Session configuration (setting up *SITcomm* for each BBS) is handled through the "Address Editor" in which all of the CTB tools (and *SITcomm's* configuration) are conveniently accessible in the scroll region to the left of the setup. One breakdown, though, is while it offers pre-configured "Sessions" with login/password fields, is that it isn't comprehensive enough—or configurable. Out of the four BBS's that I call regularly, *SITcomm* only recognizes *one* of them (see **Figure 3**). It should either offer a lot more BBS types or allow the user to set up his own BBS session (the preferred course). Otherwise, the neophyte user who's not invested in AppleScript or *Frontier* will be out of luck regarding automated logon sequences.

In addition to the local settings of each session, *SITcomm* also offers Default Tool settings. These global settings can be the basis for setting up each new session. One option-click will set the new session to that of the default settings. And if you get a faster modem or a new CTB tool, changing the default settings will (if configured to) update all of session's local settings. Very slick—and very well done.

Also, *SITcomm* has global settings for disabling call waiting, escaping a PBX and navigating "dialing by credit card" (see **Figure 4**).

Text, Err, Test Driving...

Logging onto somewhere can be done either by selecting a session from the toolbar or by selecting the session from the Address Editor. (One of *SITcomm's* more annoying design decisions was making the "Edit" button the default button, not the "Connect" button. One presumes that the average user would dial *much* more than they would

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configure....)

Once online, the scrolling—for a CTB-based program—is fairly snappy, roughly on par with *ZTerm's*. This was a surprise to me; Aladdin has apparently found some ways to circumvent some of the CTB's inherent speed bottlenecks.

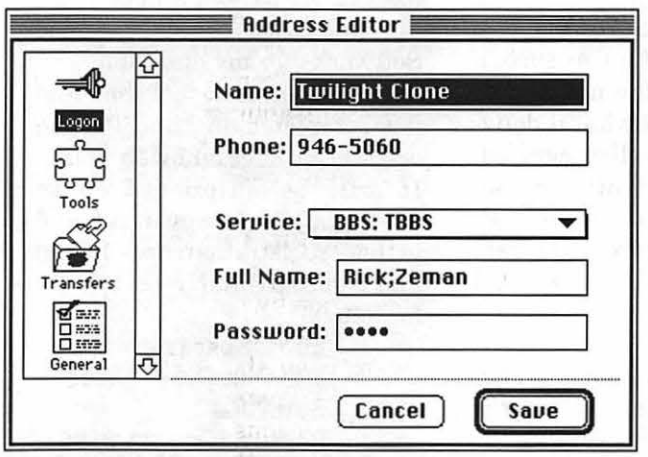

Figure 3- Address Editor

It's still not in league with *Smartcom's* text scrolling speed—but it is acceptable. And, generally, *SITcomm's* a pleasure to use—with a few marked exceptions.

SITcomm's ZModem implementation, while not too intelligent or configurable (comparing the former to Zterm's implementation and the latter to the Mark/Space ZModem tool), is the fastest ZModem I've ever seen on a Macintosh, knocking off the perennial leader, Hayes' *Smartcom*. And the X/YModem tool is similiarly robust. The ZModem tool, though, seems to have a problem uploading to most of the non-UNIX systems that I've tried. The tool gets 3-6 errors before it will start transferring the file. Aladdin attributes this behavior to the tool sending an 'rz' at the beginning of the session to jumpstart UNIX systems into receiving. However, the Mark/Space tool sends the same string with no errors—so I don't know to what to attribute this aberrant behavior.

A major annoyance—and bad design decision—is that *SITcomm* is reminiscent of some of the Apple II telecom programs of yore. If it sees the string "NO CARRIER" on a line by itself, it will hang up. Very suddenly. No matter what connection tool is being used. Ouch. No other Macintosh program I have (and I've got most of 'em made) acts so...rudely. And, as a member of the WAP TCS crew, I see too many messages with that string in them—and get knocked offline each time.

SITcomm also has an inherently small scrollback buffer. Raising its memory partition (default is 600k) doesn't seem to increase the buffer size commensurately. *Communicate Lite's* "Virtual Scrollback" [unlimited scrollback because when the scrollback buffer fills, it writes the excess to disk] is superb; Aladdin would do well to implement a scheme like that.

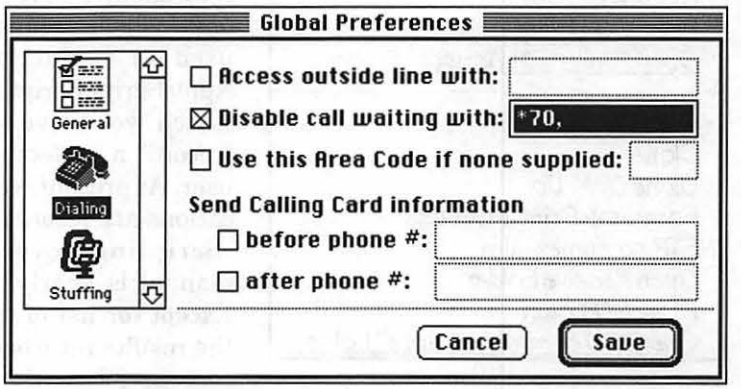

Figure 4-Phone Prefs

AutoPiloting SITcomm

SITcomm's greatest asset is its scriptability via AppleScript or *Frontier*. AppleScript is Apple's new system-level scripting dialect. System 7's introduction of AppleEvents—"messages" from one application to another—is the foundation of AppleScript and allows AppleScipt to communicate with any application that supports it (e.g., *SITcomm, Excel* 4, *FileMaker Pro* 2.*x*, etc). Needless to say, *SITcomm* requires System 7; if you're using System 6 *(why?),* you should consider upgrading to take advantage of System 7's power, stability and

all-around coolness.

Other than *SITcomm's* rudimentary log-in facilities, it has no built-in scripting at all. It relies solely on any OSA-compliant (don't worry, it's not important) scripting tool. And that is a *good thing*. This unlocks power that *cannot* be duplicated by any comm program using

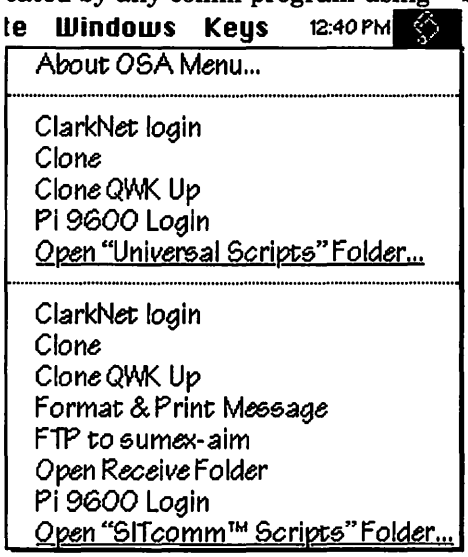

Figure 5-OSA Menu

internal scripting. Unfortunately, Aladdin doesn't bundle AppleScript with *SITcomm;* you must purchase it separately. This, I suppose, is to let the end-user not pay for something they may not use (i.e., if they don't want scripting or if they want to use *Frontier*). AppleScript is available either from the Apple Programmers' and Developers' Association (APDA), or from a third-party book, such as *The Complete AppleScript Handbook* by Danny Goodman.

Every facet of *SITcomm* can be controlled via AppleScript (I keep citing AppleScript because that's what I use with it) scripts or script applications (see "Scripting *SITcomm* with AppleScript). This brings out *SITcomm's* greatest flaw: unbelievably, there is no way to run a script from within the application; you have to shell out to the Finder (or use one of the utilities that gives a hierarchal Apple Menu). Luckily, Aladdin has said that some facility will be added in a 1.*x* release. In the meantime, though, Leonard Rosenthol, Aladdin's Director of Advanced Technology, has released a freeware extension, *OSA Menu* 1.0 (see **Figure 5**), that remedies *SITcomm's* shortcoming. Otherwise, *SITcomm's* verb support is superb (verb = scriptable actions). The points which Aladdin lost because of its flaws are regained with its scriptability and recordability. *SITcomm* is *recordable,* which means that, when used in conjuction with the AppleScript Script Editor, it can watch your every move and "record" a perfect script for the user. At present, very few applications are recordable.

Scripting coverage in the manual is nearly non-existent. Except for list of the verbs and the results returned, there is no coverage. I would like to have seen some examples of scripting with *SITcomm;* this would help bridge the gap between the neophyte user that the rest of the manual is directed to and the neophyte scripter.

Conclusion

In many ways, *SITcomm* is a pioneering product. And, as such, a Version 1.0 is bound to not be perfect. And it's not. But what it delivers is so good and so well integrated, the flaws become of little consequence (and, after all, there's always v.1.01). SITcomm not only gets a solid "B"—it's also the program I use daily.

Rick Zeman is a member of the TCS Crew. He can be reached via the Internet at rzeman@his.com.

SITcomm
Aladdin Systems, Inc.
165 Westridge Drive
Watsonville, CA 95076

Requires:
System 7 or later
2 mb RAM, Hard disk

$120 Suggested Retail
$39 Upgrade from *Stuffit Deluxe* or *Stuffit Lite*

The Complete AppleScript Handbook
Copyright © 1993 by Danny Goodman, Random House, Inc, New York. ISBN 0-679-79148-5 ■

UPDATE

To my 12/93 review of Communicate Lite v.1.0, there is a correction of an omission and an update:

■ Mark/Space Softworks offers a user group price of $29.95 for *Communicate Lite* ($20 off the regular price). I was informed of this by Mark/Space Softworks before writing the review and I had neglected to include that information or to factor it into my conclusion. For that price—with the included Zmodem tool—and factoring in some of the bug fixes of v.1.01, it's a good deal. My apologies to Mark/Space Softworks for my omission.

■ The Zmodem tool that was not completed in time for the original package is now shipping. It will be shipped free to *Communicate Lite* owners (send in those registration cards, folks!) and is also available separately for $29.95.

Mark/Space Softworks
430 Oak Grove Drive,
Suite 304
Santa Clara, CA 95054
408–982–9781

Rick Zeman

Getting My Font Act Together

An Interview with Lawrence Charters

by Nancy Seferian

I like all kinds of fonts, and generally the way I use them works out okay, but occasionally I have trouble because I don't know enough about them. WAP's Macintosh Vice President for Programs, Lawrence Charters, agreed to take a look at the state of the fonts on my computer, talk about a strategy for dealing with them and generally just share some font information with me. On my part, by submitting my disorganized system to some of Lawrence's scrutiny, there was the chance that my fonts would get organized and I might learn more about fonts in the process. I decided to write about how we did it with the thought that maybe some of you might find it helpful too.

I took my IIsi to the office one Saturday, and after it was all connected and booted up, the first thing Lawrence did was get acquainted with my system. He looked first to see what version of the operating system I was using (7.1). He said, "That's good. Managing fonts is easiest if you're using 7.1. It's most difficult if you're using any version of 6.0."

Check the System First

Next he ran a few checks on my system. "It's pointless to see how your fonts are set up," he said, "if there is a more basic problem with your computer. If the engine in your car is not running correctly, it doesn't make any difference that you have a coke stain on the seat belt. It's irrelevant. You worry about getting the car fixed first. So do the general System checks with Disk First Aid and MacCheck and things like that first. After you're done you start worrying about fonts."

Well, that made sense to me, so first we checked the general operating system with Disk First Aid version 7.2 using the Disk Tools disk as a startup disk. You can get version 7.2 of Disk First Aid from the TCS in File Area 3 or from the Disk Library. Disk First Aid version 7.2 is the newest version and the best so far. This application can tell you whether or not the directory is damaged. You must boot from the floppy instead of from your hard drive or Disk First Aid won't be able to make any repairs if they're needed. Sometimes when you're having trouble with fonts it's really that the directory is damaged, or something is wrong that is more basic than the fonts themselves. Disk First Aid said everything was OK.

The next check we made was with the application MacCheck. This application is available in File Transfer Area 3 and in the Disk Library. MacCheck's icon is cute. It looks like an x-ray of a Macintosh skeleton. MacCheck has a function that checks fonts. The bad news is that if the fonts are actually damaged MacCheck bombs. One thing to note with MacCheck is that if you have a lot of fonts MacCheck has a lot of trouble. The reason for this is that it runs out of space and can hang the machine. To avoid this problem look at the Get Info box in MacCheck and see what the recommended file size is. Give it twice as much memory as is recommended. That way when you do a check it won't hang the machine.

The third check of the system we made was with the Aldus Installer/Utility. If you have an Aldus product look in the Aldus folder within your System folder. Within the Aldus folder you will see something called the Utilities folder. Within the Utilities folder there is a file called Aldus Installer/Utility. When you launch this file, one of the menu options allows you to check for damaged fonts. Another option will check for duplicate fonts, which, if you have any, can cause you no end of trouble. My Aldus Installer utility said everything was okay.

Even if you don't have an Aldus product, you can do a similar check with the Varityper Tool Kit. The Varityper is a public domain utility, so it's free, and is made by Varityper. It's available on the TCS in File Transfer Area 25 and also in the Disk Library. I downloaded this after Lawrence told me about it. This utility will do the same kinds of tests plus many others. Some other functions I liked were that it would print all the fonts as they appear. It's even more extensive than the Aldus utility, and the nice thing is you don't have to go out and buy something from Aldus to get it.

Some Considerations about Operating Systems 6 and 7.

So now we had made some checks with several system checkers or utilities to see that my System was healthy. At this point Lawrence talked to me about the differences in Macintosh operating systems and how those differences affect our ability to manage fonts.

He said, "If you're in System 6, you really almost owe it to yourself to make sure you have a copy of Suitcase from Fifth Generation. The reason is that the health of your computer is almost directly related to how large your system file is. The System file contains the fundamental instructions that make the machine operate, and the larger it is, the longer it takes the machine to boot. Also, the larger it is the better chance it will get corrupted, and the machine will go bye-bye.

"Now in System 6 all the fonts are added to the System file. If you have a whole bunch of fonts the System file grows to an immense size. If the System gets corrupted for any reason you have to throw away that System file and reinstall. One of the problems in having all the fonts there in the System is that nobody remembers all the fonts that they had installed. With Suitcase you can store the fonts externally to the System file. That makes the System file much much smaller. It also makes the Mac work faster and more reliably since there's less chance that it will get corrupted. If you are using Suitcase and do have to reinstall you don't need to worry about the fonts anymore since the fonts are stored someplace else, not in the System file."

"If you have System 7.0 you also want to use Suitcase. There are other applications out there like this but my strong recommendation is Suitcase, because it's very well supported and it seems to have no conflicts with anything.

"If you're using 7.1 it has a Fonts folder within the System folder. Suitcase really isn't necessary because the fonts are stored externally to the System file in the System folder. A lot of people still use Suitcase with 7.1. The reason is that Suitcase also allows you to have *sets* of fonts. For example, I have one set or suitcase just for use in computer slide show presentations on PowerPoint like the one I have at the Pi meetings. Instead of having a font menu that goes 20 times the length of the screen, Suitcase allows you to have sets of fonts, and you just turn off the ones you're not using, and turn on the set of fonts that is appropriate for whatever you're doing at the time.

"The fonts that *must* be in System 6 and System 7 are Chicago, Geneva and Monaco in all the sizes of each, and they have to be in the System file. But nothing else has to be there, so in *my* System file the *only* fonts there are Chicago, Geneva and Monaco. Nothing else. Another of the nice things about Suitcase is that not only will it store fonts, it will store desk accessories and sounds external to the System file. So if you're running Suitcase, the size of your System file can dramatically shrink because the fonts, sounds and DAs can be stored elsewhere."

Possible Problems With Fonts

After completing the system checks the next issue was the fonts themselves. He explained, "Some of the possible problems you can have with fonts are damaged fonts, duplicate fonts, or fonts that lack a FOND resource.

"Ones that lack a FOND resource tend to be very old fonts, shareware fonts or fonts that came out before System 6. A FOND resource is a programming hook that the operating system uses for keeping track of fonts. It was added for System 6 and it's also used by System 7. Earlier versions didn't have that. And without a FOND resource the more modern Mac operating systems and programs have real trouble keeping track of fonts. For example, you know the fractional font widths that you have? Those are part of the FOND resources. If the FOND resource is not there the screen fonts and printer fonts will print unevenly. Also, a lot of programs just won't run at all without fonts with FOND resources. For instance, PageMaker will blow up if you have a font without a FOND resource. It really doesn't like that at all.

"And how could you end up with such a font? It's real easy if you have a machine that was running 5.5 or if you have an old operating system that has fonts on it. Say you are going through some old disks and you happen to see this really neat font, and if you just drag it across, there's a good chance it will look damaged to System 6 and System 7. "It's easy to fix fonts without FOND resources, though. Just copy a font with the Font/DA Mover 4.1, the latest Font/DA Mover, and it will add the FOND resource. The trick is that you have to copy it from one location to another. You can't just copy it on top of itself. That won't work. Say you have a font, let's call it Adam, and you want to make sure it has a FOND resource, if you copy Adam from folder A into folder B using Font/DA Mover 4.1, Font/DA Mover will add a FOND resource.

Kinds of Fonts

"There are four different kinds of fonts: bitmapped fonts, otherwise called screen fonts, TrueType fonts, Postscript fonts and HP DeskWriter fonts.

"A bitmapped font is just what you see on the screen. It is called a screen font because it's designed to look good at 72 dots per inch on the screen and to represent what the final printed page will look like. Screen fonts are interrelated with printer fonts, which contain the information that allows your

laserwriter to print higher resolution versions of what is on the screen. "A TrueType font is both a screen font and a printer font. TrueType fonts appear on the screen like a regular bitmapped font. The advantage of a TrueType font is that it can calculate different sizes on the screen and when printed. It can go to almost infinite sizes. A Postscript font is a two-part font. There's a screen font, plus a printer font. A Postscript font can also produce any size of font on the printer. And if you're using Adobe Type Manager, it will also make it possible to produce infinite sizes on the screen. If you have ATM, the way in which the fonts are used is a little bit different. With Adobe Type Manager the printer fonts combine with the bitmapped fonts and give you a screen font. If you're not using Adobe Type Manager, Postscript fonts don't really look good on the screen at all. "An HP DeskWriter font is also a two-part font. It has a bitmapped font for the screen and it also has a printer font. My recommendation to people who own a DeskWriter is to use TrueType fonts or use Postscript fonts. Don't use HP DeskWriter fonts. Just get rid of them. Even the people at Hewlett Packard use TrueType and Postscript fonts. They don't use their own fonts.

"So basically the three types of fonts that people could use are screen fonts, TrueType fonts and Postscript fonts. My recommendation to people is that they try to decide whether they are going to use TrueType fonts or Postscript fonts, but not both. The reason is that TrueType fonts don't print the same as Postscript fonts. If you write something in a TrueType Times and you write the same thing in a Postscript Times the line breaks and the spacing between the lines can be different. It can get really frustrating especially if you're producing a document for an organization and you wrote it at home using a version of TrueType Times, and then you take it to work and try to print it on a Postscript printer. The page numberings may be off and the line breaks may be in strange places and it can drive you nuts, so it's best to standardize fonts. If you have a Postscript printer my recommendation is that you standardize on Postscript fonts. It doesn't make any difference which vendor you use, but standardize on Postscript fonts. It is possible to have a bitmapped font called Times, a TrueType font called Times and a Postscript font called Times, and I've actually seen people who have mixed all three different versions in one document which made it very difficult to edit."

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Where do the fonts go?

"In System 6 the screen fonts always go in the System file unless you're using Suitcase. If you're using Suitcase you can put them in a folder someplace else. The printer fonts remain loose in the System folder. My recommendation for System 6 users is that you make a folder called Fonts and put all of your fonts in that folder, and then have Suitcase point to that folder.

"In System 7.0 the screen fonts are put into the System file and the printer fonts are put into the Extensions folder. So for System 7.0 do the same thing I suggested for System 6 users. Create a font folder and put your screen fonts, Postscript fonts, and TrueType fonts, all in that one folder, and have Suitcase point to it.

"In System 7.1 there is a change in the way fonts are handled. The screen fonts, the TrueType fonts and the Postscript fonts are all put into the Fonts folder automatically. If you drop the fonts onto the closed system folder, System 7.1 will put everything in the right place. That is why in terms of font management, System 7.1 is by far the easiest version of the Macintosh system to use. It's harder with System 7.0 and it's even harder with System 6."

Too many files?

"The other thing you could run into problems with, aside from just making sure you have the right kind of fonts and making sure they're in the right places, is the number of files you have. In System 7.1 if you

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add many fonts by dropping them onto the closed system folder, an individual suitcase is created for every style of the font. You could have 14 different styles of one font, such as italic, bold, plain, outline, etc. A better way to manage your fonts would be to combine all the styles of one font in one suitcase file. The reason is that the number of files your Mac has to open reduces the amount of memory available. So, by combining fonts in one suitcase the computer uses less memory."

At this point we opened the Fonts folder in my System folder. Lawrence selected View from menu and then Kind to view the fonts by kind. "It looks like you probably have around 45 different fonts, some with many different styles. One way to make life easier for you, rather than allow the system to have a whole bunch of independent suitcases, is to use Font/DA Mover to create large suitcases.

"On my computer I have one suitcase called Laserwriter Standard. My Laserwriter Standard contains the 35 screen fonts that are the standard laserwriter fonts: Avant Garde, Courier, Helvetica, Symbol, Times, Palatino, New Century Schoolbook, etc., so it's very easy for me to keep track of them. Also, when my Mac opens up, it only opens one file instead of 35 different screen fonts. Adobe's software seems to work best with Adobe fonts so I have another suitcase called Adobe Postscript. I have another suitcase for Other People's Postscript fonts. And for some TrueType fonts for which there is no Postscript equivalent. I also have a TrueType font suitcase. Instead of my System opening up 40 or 50 suitcases, it opens up four, and I have probably over 100 fonts on my machine.

"This strategy applies only to the screen fonts and not the printer fonts. As I mentioned, Postscript fonts are in two parts. The screen part has to be open and available at all times, but the operating system doesn't bother to open up the printer fonts until you actually print. By reducing the number of suitcases, the speed of the machine is increased because it doesn't have to open up as many files.

"One of the nice things about System 7.1 is that it also properly labels the fonts. It says, 'font suitcase' if it's the screen part, and it says, 'postscript font' if it's the printer part. It only does that in System 7.1, not in System 7.0 or System 6."

Following this strategy we used Font/DA Mover to create six suitcases called Adobe, Postscript (for fonts that are not from Adobe), and Chicago, Geneva, Monaco, and New York. I didn't have any TrueType fonts on my computer. In the process of doing this we also discovered that I had one printer font for which there was no screen font. When we started this font consolidation I had 123 items in the Fonts folder. By organizing my fonts in this way there were now only 50, the six suitcases we created and the printer fonts. I definitely felt more organized.

Disk First Aid 7.2
Available on the TCS, File Area 3 (Apple System Software) in the file called "SFTWRUTILIT.SEA"

MacCheck 1.0.5
Available on the TCS, File Area 3 (Apple System Software) in the file called "MACCHECK1.0.5"

Varityper Tool Kit 1.0
Available on the TCS, File Area 25 (Mac Fonts) in the file called "VARITYPETL.SIT"

Font/DA Mover 4.1
Available on the TCS

Suitcase
by Fifth Generation, Available from MacConnection Tel: (800) 800-222; Fax: (603) 446-7791; $53

(Nancy Seferian runs a small desktop publishing business.)

Macintosh Tutorials

Volunteers and Instructors

You can't have training without teachers. If you have expertise in any subject useful to Mac or Apple users, please consider teaching. Instructors have an opportunity to work with students in small groups and informal settings. The teaching process is truly rewarding. Besides the spiritual and intellectual, rewards also include compensation; you will be paid. We especially need someone who can offer training in *Excel*. Call me if there is a subject that you are qualified to teach.

I am very pleased with the response to our requests for volunteers. We have a very bright and enthusiastic group of volunteers working to bring you the best possible classes and programs. We encourage and welcome additional support for the training program. Graphic designers, desktop publishers, and illustrators—we could use your help in promoting our program with brochures and fliers. For further information call Beth Medlin at the Pi office, (301) 654-8060.

Macintosh Tutorials

The Macintosh introductory tutorials are a three-part introductory series designed for beginning users or those desiring to brush up their skills. The primary focus of these courses will be on the System, Desktop, Icons, Windows, and basic concepts in System 7, but System 6 hangers-on are welcome and encouraged to participate. Their issues and concerns will be addressed. Please try to take all three parts; this is the most beneficial arrangement.

Some Specifics

■ ***Where:*** Unless otherwise stated, all tutorials sponsored by Washington Apple Pi are given at the office located at 7910 Woodmont Avenue, Suite 910, Bethesda, Maryland.

■ ***When:*** Unless otherwise stated, all tutorials are three hours in length and begin at 7:00 PM on the date listed. The office building is secured at 6:00 PM. To gain access, pick up the telephone located by the glass entry doors and tell the operator where you are going.

■ ***Fees:*** $25.00 per class for members and $35.00 per class for non-members. Pre-registration and payment must be made to hold a seat.

■ ***Class Size:*** Class size is limited to 6 students per class.

■ ***Bring my Computer?*** All classes are taught seminar-style with the instructor using a computer and an overhead display. We encourage students who wish hands-on training to bring their computers.

■ ***Instructor Cancellation:*** If a class is canceled by the instructor, all students will be notified of the cancellation. Please check your home answering machine if you have not given a work number for notification.

■ ***Student Cancellation:*** A cancellation must be received by the office 72 hours before a class is scheduled. The only exception to this is a cancellation due to illness.

Introduction to the Macintosh, Part I (Course # M031494) You should go through the Guided Tour disk that comes with your computer or system upgrade kit before you come to class. You'll learn: how to safely turn your Macintosh on and off; what the basic dos and don'ts are; how to understand common Macintosh terminology found in manuals and other documentation; and how the basic components of your Macintosh system, hardware and software, work. You'll also learn why the Macintosh user interface is consistent across all applications, and how this makes learning and using software easier.

Materials Required: Your Macintosh, hard disk drive, start-up disk, and an unformatted DSDD 800k disk.

Date: Mon., March 14, 7-10 pm.

Introduction to the Macintosh, Part II (Course # M032194) Part II will continue the exploration of the basic components of your Macintosh system, hardware and software. You'll learn more of the dos and don'ts; the finer points of the Menu Bar, Error Messages, Dialog Boxes, Icons, Folders, Keyboard Shortcuts, Scrapbook, and Clipboard will be discussed. You'll learn the basics of installing software, as well as about the Chooser, peripheral devices, and how they are connected to the Macintosh.

Materials Required: Your Macintosh, hard disk drive, start-up disk, and an unformatted DSDD 800k disk.

Date: Mon., March 21, 7-10 pm.

March Tutorials are the 4 basic ones:

—**Intro to Mac 1** 03/14/94 (M031494)
—**Intro to Mac 2** 03/21/94 (M032194)
—**Intro to Mac 3** 03/28/94 (M0328/94)
—**Maintaining the Mac** 03/23/94 (M032394)

Introduction to the Macintosh, Part III (Course # M032894) Part III will follow up the concepts in Parts I and II. You will learn more advanced Macintosh skills and terminology; about the system software and using, installing, and updating system files; about managing memory, hard disk space, fonts, sounds, and other resources, the Apple menu, aliases, launching applications, inter-application communications (Publish and Subscribe), and Balloon Help. You'll also learn about how to buy hardware and software, how to upgrade, and what kinds of software are available for your Macintosh.

Materials Required: Your Macintosh, hard disk drive, start-up disk, and an unformatted DSDD 800k disk.

Date: Mon., March 28, 7-10 pm

Maintaining Your Macintosh (Course # M032394) How to maintain and troubleshoot your Mac. Topics will include: organizing and managing your hard disk; backing up and back-up strategies, archiving, disk formatting, defragmentation and optimization; managing start-up resources (including System 7 extensions or System 6 INIT's); avoiding conflicts and incompatibilities; virus protection; memory management; upgrading or replacing the operating system; system enhancements; customizing software installation; cleaning your mouse; and Macintosh "housekeeping" philosophies.

Date: Wed., Feb. 23, 7-10 pm.

Intro to Excel (EX031594) This is a basic introduction course that will teach you to effectively use Excel. Included will be how to properly set up formulas, how to paste in functions to your advantage and how to look up information in the mauals inorder for you to dig deeper into Excel's many funtions.

Date: Tues., March 15, 7:00-10:00 pm

Intro to Claris Works (CW032294) This course will be an introduction to ClarisWorks and will not provide a complete description of each of the components. It will review the component applications of the program and describe how they interact. There will be examples of each of the applications, including Word Processing, Drawing, Painting, Spreadsheet, and Database. However, the emphasis will be on Word Processing since this is the most widely used application and uses almost all of the other applications. Use of the Menus, Toolbox etc. will be demonstrated.

Date: Tue., March 22, 7:00-10:00 pm

An Introduction to America Online for the Macintosh (AOL032994) This tutorial will give an overview of the America Online information service, emphasizing how to send and receive electronic mail, how to download files, how to minimize online connect time. Two or more Macintoshes will be set up for hands-on practice. If time permits, the class will visit some of the more popular forums and news services on "AOL." No prior telecommunications experience required

Date: Tues.,Mar. 29, 7- 10:00 pm

Introduction to the Washing-ton Apple Pi Telecommunnications System (TCS) Course #(T040994)

Washington Apple Pi Tutorial Registration Form

Washington Apple Pi
7910 Woodmont Ave., Su. 910
Bethesda, Maryland 20814
301-654-8060

Basic Information

Name _____

Address _____

City/State/Zip _____

Phone (day) _____ (evening) _____

Member Number _____ Non-member _____

Number of Classes _____ x Class Fee $ _____ = Total Fee $ _____

☐ Check/Money Order ☐ Credit Card

Card Number _____

Card Expiration _____ Signature _____

Can you bring your own computer to the class? Yes ☐ No ☐

Course Numbers

Please fill in the course number of the class(es) that you wish to attend.

Class #1 _____

Class #2 _____

Class #3 _____

Class #4 _____

Class #5 _____

Class #6 _____

WAP Form #CL006 (mod. 7/90). Mail registration and payment to the above address.

This class is designed for telecommunications novices or new WAP members. This is the perfect seminar for those of you wanting to enjoy the many benefits of the WAP TCS. Topics for discussion will include how to apply for a password, sign on, configure a user profile, read messages, leave messages, reply to messages, upload, download or transfer files and use of the Librarian.

Date: Sat., April 9, 9:00 am-12 noon

Nova University's Center for Computer & Information Sciences

is pleased to announce that its graduate catalog is now readily available to the Internet community. For an online graduate catalog, send an e-mail message to:

cciscat@alpha.acast.nova.edu

This system is automated. The catalog is nearly 5700 lines, so you may want to redirect the output into a temporary directory.

Internet users will find the catalog especially interesting in that the Center for Computer and Information Sciences has a variety of programs and degree offerings using a continuum of real-time and delayed-time computer-mediated communication.

Recommended New Books About the Internet

[This reading list was compiled by Jean Armour Polly, the director of the New York State Education and Research Network, and noted national telecom enthusiast. This list was compiled for fellow librarians, but it likely has general interest to anyone wanting to learn more about the Internet.]

Choosing a service provider, Engle, Mary E. & Marilyn Lutz, William W. Jones, Jr. , Genevieve Engel. (1993).

Internet Connections; a Librarian's Guide to Dial-Up Access and Use. Chicago, IL: Library and Information Technology Association, 50 East Huron St. Chicago, IL 60611 312/944-4270.

Includes information on the history of the Internet, tools and resources for librarians, and a list of Internet services providers. ISBN 0-8389-7677-8. Index. $22.00

Estrada, Susan. (1993). **Connecting to the Internet; a Buyer's Guide.** Sebastopol, CA: O'Reilly & Associates 103 Morris St. Suite A, Sebastopol, CA 95472 800/998-9938. No-holds barred text tells you how to evaluate the offerings of service providers and choose the best solution for your needs. ISBN 1-56592-061-9. Index. $15.95

Using your connection, Dern, Daniel P. (1994)The Internet Guide For New Users. (1993). New York, NY: McGraw-Hill. Just enough Unix to get around, stories from Internet luminaries, how to be a good Internet citizen. Has all the tricks and tools, could have a more readable layout, but the information is first rate, including arcana you won't find anywhere else. Includes a glossary. For all Internauts. ISBN 007-016511-4 Trade pb $27.95 ISBN 007-016-10-6 Hardcover $40.00

Hahn, Harley and Rick Stout. (1994). **The Internet Complete Reference.** Berkeley, CA: Osborne McGraw-Hill.

The BEST book written about the Internet so far. Witty, complete, easy to read: a must. Includes deal to get one month free Internet access. ISBN 0-07-881980-6. Index. $29.95

Kehoe, Brendan. (1993). **Zen and the Art of the Internet: a Beginner's Guide** (2nd ed.). Englewood Cliffs, NJ: Prentice-Hall. The first edition is available for free from many FTP sites. This version has about 30 pages of new material and corrects various minor errors in the first edition. Includes the story of the Coke Machine on the Internet. For much of late 1991 and the first half of 1992, this was the document of choice for learning about the Internet. ISBN 0-13-010778-6. Index. $22.00

Krol, Ed. (1992). **The Whole Internet User's Guide & Catalog.** Sebastopol, CA: O'Reilly & Associates, 103 Morris St. Suite A, Sebastopol, CA 95472 800/998-9938. Comprehensive guide to how the network works, the domain name system, acceptable use, security, and other issues. Chapters on telnet/

(continued page 52)

Terry Fleming of Timeworks, Inc. to speak at Washington Apple Pi on March 26th

Northbrook, Illinois—Timeworks, Inc., publisher of the award-winning Publish It! Easy desktop publishing program, will be attending the upcoming March 26th meeting of Washington Apple Pi. If you've never seen a presentation by Terry Fleming of Timeworks, Inc., you won't want to miss our upcoming meeting. Terry is coming from Timeworks' headquarters just outside of Chicago, to show us a few of their award-winning programs, including the popular Publish It! Easy.

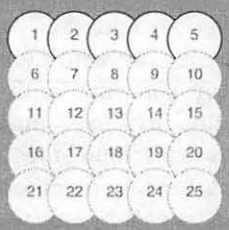
A dynamic speaker, Terry participates in hundreds of user group and trade show presentations all over the country. By special arrangement, Terry will be at our March meeting to provide information and answer any questions you may have. Please plan to attend.

In addition, Timeworks has donated several free programs to be given away at the meeting. In addition, they've authorized a special user group price, available to all current or new members in good standing, so bring your checkbook or credit card (just in case).

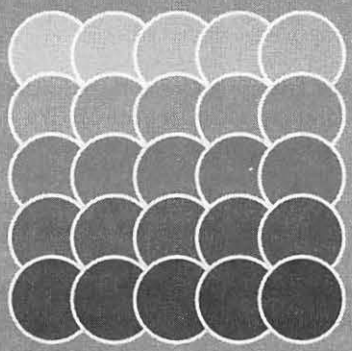
An exciting, entertaining presentation, free software and "ridiculously low pricing" makes March the "must attend" meeting for all current and new members of Washington Apple Pi. *See you there!*

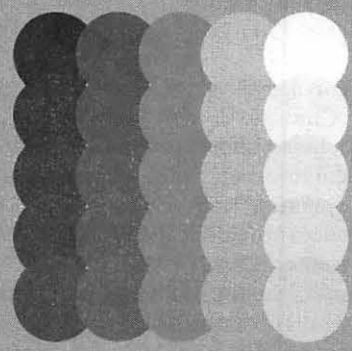
Graphic Tips: *More Adobe Illustrator Filters*

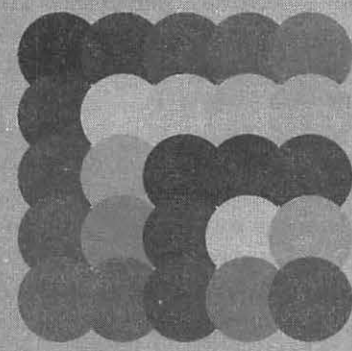
BLENDING COLORS



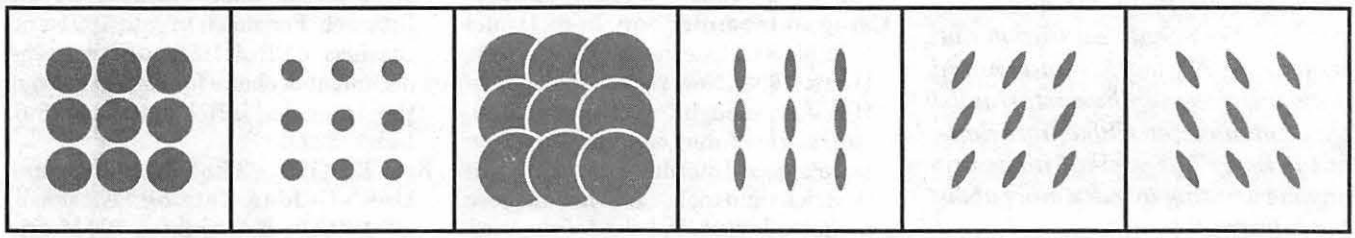
Arranging objects in order, from front to back as they are on the left, makes it easy to assign colors automatically. Below left: Circle 1 is yellow and circle 25 is dark green. If the colors in-between are gray (for instance), selecting *all* the circles and applying the filter Blend Front to Back will render the other 23 circles with colors between yellow and dark green. Different arrangements are shown below.







Dancing Dots Exercise, *then continue...*



Rescale and rotate multiple objects *in place;* make them stay in position like dancers in a chorus line. How? Set up a pattern of objects (dots or M's or numbers), select them all, then use the Scale Each and Rotate Each filters from the Objects filter set. Make a series of transformations. Then undo and redo to make them seem to dance. *TIP: The filters can be reset from the dialog box without dragging through the whole list of filter offerings each time: Hold the option key down, then select the last-used filter from the top of the filter menu.*

by Carol O'Connor

Dancing letters bathed in gradient light...

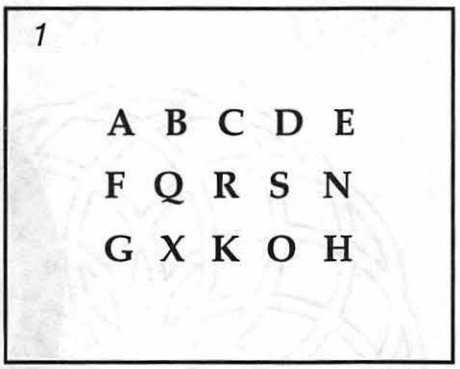
1. The letters were selected and arranged with a view to their eventual use. Plenty of space was planned around each letter to allow experimentation. When the type appeared about right, it was turned into outline.

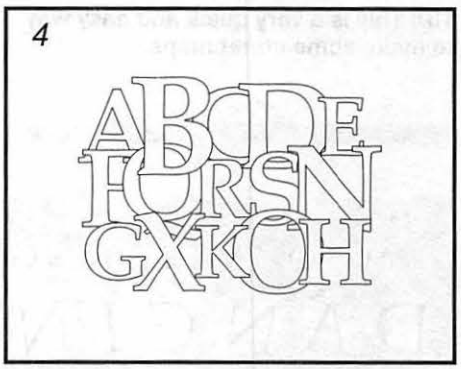
2. All the elements were selected together, followed by a series of rescalings with the Rescale Each filter (Objects Filters). I looked for different design possibilities.

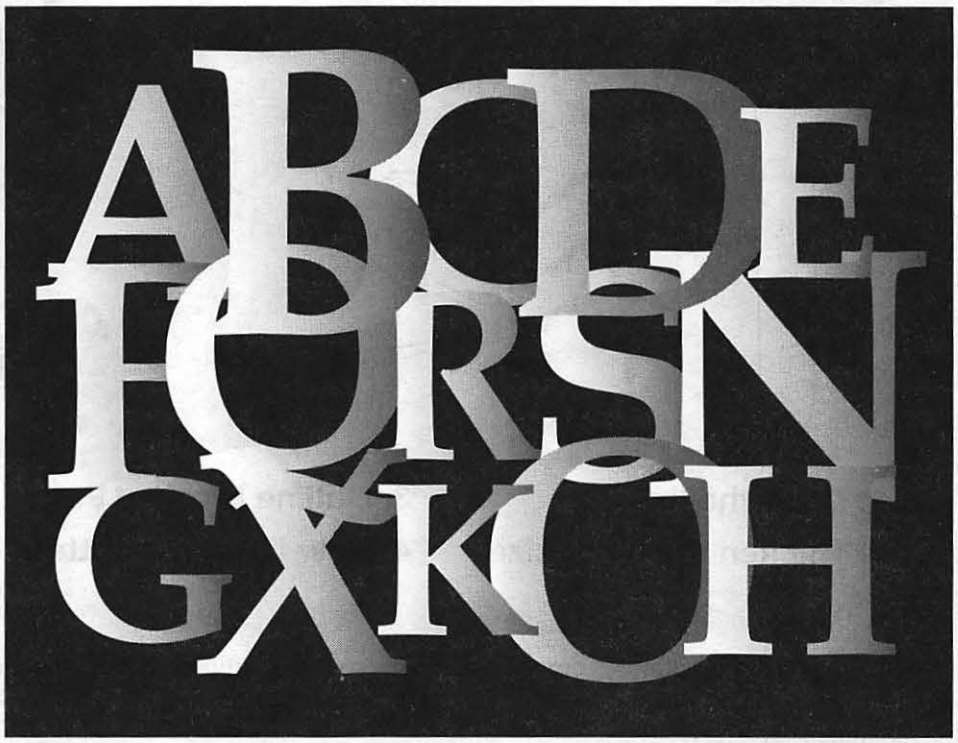
3. Unstroked letters letters melted into one another as the scale size became larger. A new fill *and stroke* were chosen to continue the experiment.

4. White fill, black stroke and a check in the Random box of the filter's dialog box took me to this point.

5. Finally a very simple gradient was applied to the entire selection of letters. The result was adjusted and fine tuned.







Outlining A Stroked Path

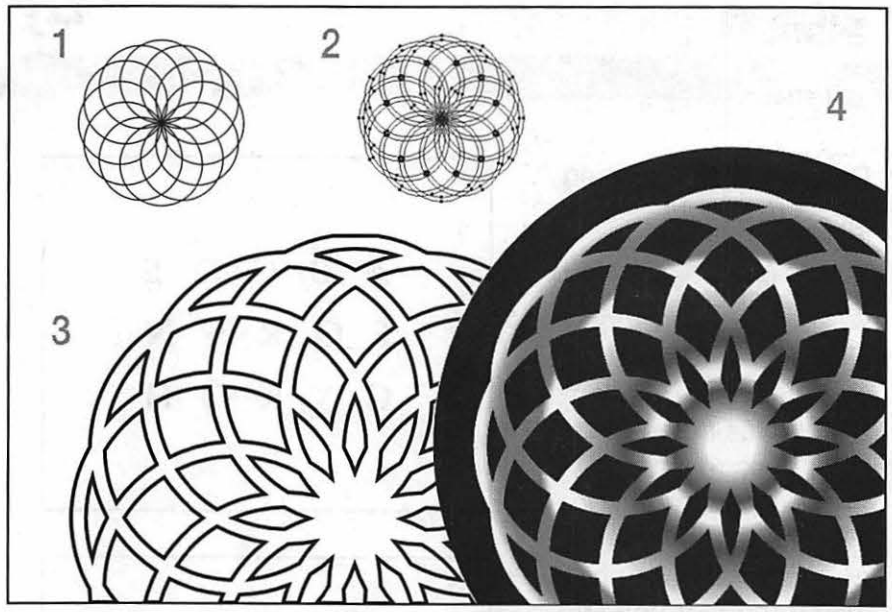
1. Draw a complex design with strokes and no fills.

2. Experiment with different stroke widths.

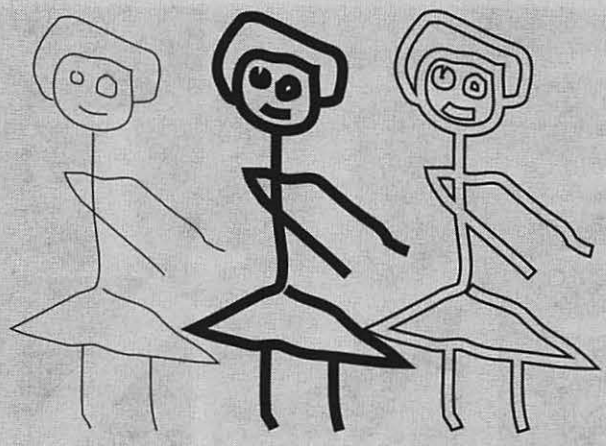
3. With all the lines selected, choose the Objects filter: Outline Stroked Path. Then apply Pathfinder Filter: Unite.

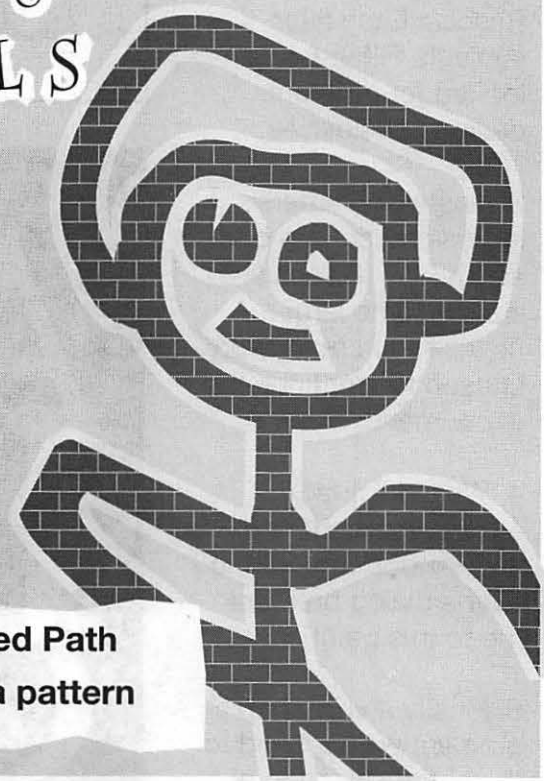
4. Only when the stroked paths have become outlined can they can be filled with patterns or gradients.

TIP: This is a very quick and easy way to make some street maps.



MOVING ON TO DANCING GIRLS





1. Draw the line
2. Thicken the point size
3. Outline Stroked Path
4. Now fill with a pattern

I need feedback from readers to make these articles useful. Please call : 703 430-5881.
I can also be reached at Systems Solutions Group in Crystal City 703 415-3065.

The Hotline service is only for members of the WAP. Please do not call after 9:30 pm or before 8:00 am.

Apple II/III

Apple II*

GENERAL

Dave Harvey (days only)	(703) 578-4621
Leon Raesly (days; 5 am-5pm)	(301) 599-7530
Ken De Vito	(703) 960-0786

ACCOUNTING PACKAGES

BPI Programs	
Jaxon Brown	(301) 350-3283
BPI & Howardsoft (Tax)	
Otis Greever	(615) 638-1525
Dollars & $ense	
Barry Fox	(717) 566-6709
Home Accountant	
Leon Raesly (days; 5 am-5pm)	(301) 599-7530
Quicken	
Gary Hayman	(301) 345-3230
Apple SSC	
Bernie Benson	(301) 951-5294
AppleWorks	
Ken DeVito	(703) 960-0786
Ray Settle	(301) 647-9192
Harry Erwin (before 10 pm)	(703) 758-9660
Gary Hayman	(301) 345-3230
Leon Raesly(days; 5 am-5pm)	(301) 599-7530
Bill Campbell	(301) 498-6380
Allan Griff	(301) 654-1515
AppleWorks Database	
Roger Burt	(301) 424-6927
Morgan Jopling	1 (301) 721-7874
Milt Goldsamt	(301) 649-2768
Dan White	(301) 449-3322
Allan Griff	(301) 654-1515

COMMUNICATIONS

ProTerm	
Allan Levy	(301) 340-7839
Ray Settle	(301) 647-9192
Talk is Cheap/Pt. to Pt.	
Barry Fox	(717) 566-6709
DataBases	
DBMaster, Pro IIe	
Bob Sherman	1 (305) 944-2111
dBase II	
John Staples	(703) 255-6955
dBase II&III,Data Perfect. Db Master-PRO	
Leon Raesly(days; 5 am-5pm)	(301) 599-7530
Profiler 3.0	
Barry Fox	(717) 566-6709

HARD DISKS

CMC (not CMS)	
Barry Fox	(717) 566-6709
Corvus & Omninet	
Tom Vier (12N-6PM)	(703) 860-4810
Corvus	
Leon Raesly (days; 5 am-5pm)	(301) 599-7530
Sider	
Otis Greever	(615) 638-1525

LANGUAGES

General	
Dan White	(301) 449-3322
AppleSoft	
Louis Biggie	(301) 967-3977
Peter Combes	(301) 251-6369
Leon Raesly (5 am-5pm)	(301) 599-7530
Pascal	
Michael Hartman	(301) 445-1583
C and TML Pascal	
Harry Erwin (before 10 pm)	(703) 758-9660

OPERATING SYSTEMS

ProDOS 8 and 16	
Barry Fox	(717) 566-6709
Dan White	(301) 449-3322
Print Shop	
Thomas O'Hagan	(301) 593-9683

SPREADSHEETS

General	
Walt Francis	(202) 966-5742
MagicCalc/SuperCalc2.0	
Leon Raesly (5 am -5pm)	(301) 599-7530
Telecommunications	
Dale Smith	(301) 762-5158
Allan Levy	(301) 340-7839
Ken De Vito	(703) 960-0786
Dan White	(301) 449-3322
TimeOut Series	
Morgan Jopling	1(301) 721-7874
Utilities:ProSel	
Barry Fox	(717) 566-6709

CROSS-PLATFORM TRANSLATION

MS/DOS-Apple-Mac Transfers	
Ken De Vito	(703) 960-0786

WORD PROCESSORS

General	
Walt Francis	(202) 966-5742
Apple Writer 2	
Ron Evry	(703) 490-1534
Dianne Lorenz	(301) 530-7881
Leon Raesly (5 am-5pm)	(301) 599-7530
AppleWorks GS	
Roger Burt	(301) 424-6927
A.D. (Bill) Geiger	(703) 237-3614
Andy Gavin	(703) 734-3049
Letter & Simply Perf	
Leon Raesly (5 am-5 pm)	(301) 599-7530
Mouse Write	
Barry Fox	(717) 566-6709
Publish–It!	
Gary Hayman	(301) 345-3230
Ray Settle	(301) 647-9192
ScreenWriter II	
Peter Combes	(301) 251-6369
Gene Carter	(202) 363-2342
Word Perfect	
James Edwards	(301) 585-3002
Henry Donahoe	(202) 298-9107
Word Star	
Art Wilson	(301) 774-8043

Apple IIGS*

Neil Laubenthal	(703) 691-1360
A.D. (Bill) Geiger	(703) 237-3614
General	
Barry Fox	(717) 566-6709
IIe Upgrade	
Morgan Jopling	(301) 721-7874
APW	
Andy Gavin	(703) 734-3049
Leon Raesly (5 am-5pm)	(301) 599-7530
Deluxe Paint II	
Rich Sanders	(703) 450-4371
GS BASIC	
Barry Fox	(717) 566-6709
Multiscribe GS	
Ray Settle	(301) 647-9192

TELECOMMUNICATIONS

Dale Smith	(301) 762-5158
Allan Levy	(301) 340-7839
Bob Sherman	(305) 944-2111
TCS Help	
Dale Smith	(301) 762-5158
Nancy Seferian	(202) 333-0126
Paul Schlosser	(301) 831-9166
MouseTalk	
Dale Smith	(301) 762-5158
Ray Settle	(301) 647-9192
TimeOut Series & Utilities: ProSel	
Ray Settle	(301) 647-9192
Barry Fox	(717) 566-6709
816 Paint/Writ'rs Ch.El	
Andy Gavin	(703) 734-3049
Apple II Hardware Epson printers, hard drives,	
Guy Durant	(202) 363-0366
Apple II laser printing	
Bob Sherman	1(305) 944-2111

Apple III*

General	
Paul Campbell	(313) 255-6497
Dave Ottalini (9-10:30 pm)	(301) 681-6136
3 Easy Pieces	
Robert Howe	(916) 626-8198
David/Joan Jernigan (before 9 pm)	(703) 822-5137
Steve Truax	(304)-267-6429
Word Juggler	
Tom Linders	(408) 741-1001
J. Carey McGleish (evenings)	(313) 332-8836
Pascal	
Dr. Al Bloom	(703) 951-2025
Apple Speller	
Robert Howe	(916) 626-8198
AppleWriter	
Eric Sheard	(908) 782-6492
Stemspeller	
Steve Truax	(304)-267-6429

Beagle Buddies

MARYLAND

Ray Settle (Annapolis)	(301) 647-9192
Scott Galbraith (Frederick)	(301) 865-3035
W. T. Cook (Columbia)	(301) 995-0352
Gary Hayman (Greenbelt)	(301) 345-3230
Lee Raesly (Adelphi)	(301) 599-7530
Dan White	(301) 540-1070
Don Avery (Bethesda/DC)	(202) 362-1783

VIRGINIA

Kenneth De Vito (Alexandria)	(703) 960-0786
Neil Laubenthal	(703) 691-1360

March 1994

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 TeleComm SIG	2 Mac Programmers SIG DTP SIG	3 Columbia Slice Game SIG	4	5
6	7 QuickTime SIG PI SIG	8	9 DB SIG WAP BoD	10 Stock SIG	11	12 AIII SIG Annapolis Slice Frederick Slice
13	14 *Intro to the Mac–Part 1*	15 *Intro to Excel*	16 Excel SIG	17	18	19 DTP Seminar (Telecomm-)
Writer's Deadline W 20	21 *Intro to the Mac–Part 2*	22 *Intro to Claris Works*	23 *Maintaining Your Mac*	24 Women's SIG	25	WAP 26 General Meeting
Editor's Deadline E 27	28 *Intro to the Mac–Part 3*	29 *Navigating Amer. Online*	30 NoVa EdSIG	31		

April 1994

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 *Navigating CapAccess*
3	4 PI SIG	5 TeleComm SIG	6 Mac Programmers SIG DTP SIG	7 Columbia Slice Game SIG	8	9 Frederick Slice Annapolis Slice *Intro to the TCS*
10	11 *Intro to the Mac–Part 1*	12	13 DB SIG WAP BoD	14 Stock SIG	15	16 DTP SIG
Writer's Deadline W 17	18 *Intro to the Mac–Part 2*	19	20 Excel SIG	21	22	WAP 23 General Meeting
Editor's Deadline E 24	25 *Intro to the Mac–Part 3*	26	27 *Maintaining Your Mac* NoVa EdSIG	28	29	30

Meeting Notices

Unless otherwise noted, call the SIG chairs or Slice officers for meeting information. A list of the SIG and Slice chairs is on page 4 of every Journal. Calendar events in italics are tutorials, workshops, or seminars.

Annapolis Slice
2nd Saturday; 9:30 AM; Severna Park Library on McKinsey Rd (off Rt 2), Severna Park, MD.
Answering Machine: (410) 761-4260
CrabApple BBS: (410) 315-8532

Apple IIGS SIG
Meetings at various locations an don various dates. Looking for new chairperson. Call Gary Hayman (301) 345-3230, for details.

Apple III SIG
Quarterly on 2nd Saturday; 10:00 AM; WAP Office.

AppleWorks SIG
Meetings at various locations and on various dates. Call Gary Hayman (301) 345-3230, for details.

Columbia Slice
1st Thurday; 7:00 PM. Call for location.
BBS (410) 964-3706.

DataBases (Mac) SIG
2nd Wednesday; 7:15 PM; Computer Science Corporation, 3160 Fairview Park Drive, Merrifield, VA (Just inside the Beltway at the rt 50 junction).

DeskTop Publishing (DTP) SIG
1st Wednesday; 7:30 PM; PEPCO Auditorium, 1900 Pennsylvania Ave. NW, DC.
Information: Barbara Schull (301) 589-5337.

Excel SIG
3rd Wednesday; 7:30 PM; WAP office.

Frederick Slice
General meeting time, 2nd Saturday; 10:00 AM; United Methodist Church; 22 Main Street in Walkersville.

Game SIG
1st Thursday; 7:30 PM; WAP office.

HyperTalk SIG
Meets bi-monthly on the 3rd Wednesday of the odd numbered months (i.e., January, March, May, July, September and November) at the Fairlington Community Center, 3300 South Stafford St., Arlington, VA at 7:30 pm.

Mac Programmers
1st Wednesday; 7:30 PM; WAP office.

NoVa Education (Ed) SIG
Last Wednesday; 7:30 PM; Walnut Hill Ctr., VA.

Programmer's Interface (PI) SIG
Meetins are announced on the Announcements Board of the TCS. Call Gerry Wright at (301) 422-4286 for details.

QuickTime SIG
Every other month; 7:30 PM; WAP Office.

Stock SIG
2nd Thursday; 7:30 PM; WAP office.

Telecomm SIG
2nd Wednesday; 7:30 PM; WAP office.

UltraMacros SIG
Meetings at various locations and on various dates. Call Gary Hayman (301) 345-3230, for details.

WAP Garage Sale
June and December.

WAP General Meeting
4th Saturday; 9:00 AM; Northern Virginia Community College, Annandale Campus, Community Cultural Center Auditorium.

Women's SIG
Usually held every quarter on the fourth Thursday of the month at the Pi Office at 7:30 PM. Call SIG Chair, Ann Aiken (301) 530-1990 for details.

Notice: Plans change! Anyone with calendar information please call the Calendar Editor, Bill Wydro (301) 299-5267 or Beth Medlin at the WAP office (301) 654-8060.

The Hotline service is only for members of the WAP. Please do not call after 9:30 p.m. or before 8:00 a.m.

Macintosh

GENERAL

Tom Witte	(703) 683-5871
Jon Hardis	(301) 330-1422
Dan White	(301) 449-3322
Art & Video	
Nancy Seferian	(202) 333-0126
Borland Products	
Doug Ferris daytime only	(800) 826-4768

DATABASE PROGRAMS

Fourth Dimension	
Bob Pulgino	(301) 474-0634
Peter Yared	(301) 564-1560
FileMaker Pro	
Tom Parrish	(301) 654-8784
Mort Greene	(703) 522-8743
Foxbase	
Rick Shaddock	(202) 829-4444
Helix	
Jim Barry to midnight	(703) 662-0640
Harvey Levine	(301) 299-9380
MS-File	
John Spencer	(301) 730-1084
Mort Greene	(703) 522-8743
Omnis 7	
Jeff Alpher to midnight	(301) 630-2036
OverVue	
J.T.Tom DeMay, Jr.	(301) 461-1798
Tom Parrish	(301) 654-8784
Pro-Cite	
Elizabeth Mangan	(703) 750-2710

DESKTOP PUBLISHING

General	
Jay Rohr	(301) 655-0875
Freddi Galloway (V/TTY)	(410) 268-5793
ReadySetGo	
Jim Graham	(703) 751-4386
Freddi Galloway (V/TTY)	(410) 268-5793
PageMaker	
Mort Greene	(703) 522-8743
Quark Xpress	
Ron Mann	(202) 333-3409

GRAPHICS

General	
Bill Baldridge	(301) 779-8271
Jay Rohr	(301) 655-0875
Adobe Illustrator	
Ling Wong	(703) 803-9109
Aldus FreeHand	
Nancy Seferian	(202) 333-0126
Canvas	
Bill Baldridge	(301) 779-8271
Tom Parrish	(301) 654-8784
MacDraw	
Tom Parrish	(301) 654-8784
John Spencer	(301) 730-1084
ImageStudio	
Mort Greene	(703) 522-8743
Studio/1	
Jamie Kirschenbaum evenings	(703) 437-3921
SuperPaint 2.0	
Mort Greene	(703) 522-8743
VideoWorks	
Mort Greene	(703) 522-8743

PROGRAMMING

Ada	
Harry Erwin (before 10 pm)	(703) 758-9660
C	
Harry Erwin (before 10 pm)	(703) 758-9660
Fortran	
Harry Erwin (before 10 pm)	(703) 758-9660
Inside Mac	
Jon Hardis	(301) 330-1422
John Love	(703) 569-2294
Pascal	
Harry Erwin (before 10 pm)	(703) 758-9660
Michael Hartman	(301) 445-1583
SMALLTALK-80	
Harry Erwin (before 10 pm)	(703) 758-9660

SPREADSHEETS & CHARTS

General	
David Morganstein	(301) 972-4263
Bob Pulgino	(301) 474-0634
Tom Cavanaugh	(301) 627-8889
Excel	
David Morganstein	(301) 972-4263
Mark Pankin	(703) 524-0937
Jim Graham	(703) 751-4386
Dick Byrd	(703) 978-3440
Bob Pulgino	(301) 474-0634
Tom Cavanaugh	(301) 627-8889
Paula Shuck (before 10 pm)	(301) 740-5255
Kirsten Sitnick	(301) 750-7206
Mort Greene	(703) 522-8743
Rick Shaddock	(202) 829-4444
WingZ	
Kirsten Sitnick	(301) 750-7206

TELECOMMUNICATIONS

General	
Allan Levy	(301) 340-7839
CompuServe	
Michael Subelsky	(301) 949-0203

WORD PROCESSORS

Microsoft Word	
Harris Silverstone	(301) 435-3582
Tom Cavanaugh	(301) 627-8889
Freddi Galloway (V/TTY)	(410) 268-5793
Kirsten Sitnick	(301) 750-7206
ThinkTank-More	
Jim Graham	(703) 751-4386
Tom Parrish	(301) 654-8784
Hebrew Word Processing	
Tim Childers	(301) 997-9317
Microsoft Works	
Amy Billingsley	(301) 622-2203
WordPerfect—Mac	
Curt Harpold	(202) 547-8272

MISCELLANEOUS

IIe Card for the LC	
Bernie Benson	(301) 951-5294
MacProject	
Jay Lucas	(703) 751-3332
Norbert Pink	(703) 759-9243
HyperCard	
Rick Chapman	(301) 989-9708
Tom Witte	(703) 683-5871
HyperTalk	
John O'Reilly	(703) 204-9332
Tom Witte	(703) 683-5871
File Transfer	
Mort Greene	(703) 522-8743
Backfax	
Mort Greene	(703) 522-8743
HyperCard Scripting	
Jamie Kirschenbaum (evenings)	(703) 437-3921
Richard Kozloski	(703) 352-1523
SoundEdit	
Jamie Kirschenbaum (evenings)	(703) 437-3921

MAC DISKETERIA LIBRARY

Dave Weikert	(301) 963-0063

General

Assistive Tech	
Missy McCallen	(703) 323-6079
Games-Apple II	
Charles Don Hall	(703) 356-4229
John Wiegley (after 2:15)	(703) 437-1808
IBM	
Leon Raesly	(301) 599-7530
Math-OR Applns	
Mark Pankin	(703) 524-0937
Modems-General	
Allan Levy	(301) 340-7839
Hayes Smartmodem	
Bernie Benson	(301) 951-5294
Practical Peripherals	
Allan Levy	(301) 340-7839
Prlnters-General	
Walt Francis	(202) 966-5742
Leon Raesly	(301) 599-7530
MX-80	
Jeff Dillon	(301) 662-2070
Stat Packages	
David Morganstein	(301) 972-4263
Stock Market	
Robert Wood	(703) 893-9591
MS/DOS	
Tom Cavanaugh	(703) 627-8889
Dvorak Keyboard	
Ginny & Michael Spevak	(202) 244-8644

Frederick Apple Core Help Line

Please limit calls to reasonable evening and weekend hours and **NEVER** after 10 P M.

Oscar Fisher (Frederick)	694-9237	A2, GS	Doug Tallman (Frederick)	663-3268	Mac
Dick Grosbier (Frederick)	898-5461	A2, GS, Mac	Scott Galbraith (Monrovia)	865-3035	A2 , GS
Harold Polk (Frederick)	662-6399	A2	J. Russell Robinson (Hagerstown)	739-6030	Mac
Tony Svajlenka (Frederick)	694-6209	A2	Ken Carter	834-6515	A2. GS

Annapolis Slice Help Line

Area Code 410 Call in the PM unless you have an emergency.

Mac

Richard MacLean (Crofton)	410-721-8157	MacIIsi
Steve Toth (Edgewater)	410-956-6557	Mac+
Bob Peterson (Crofton)	410-721-9151	MacSE
Sandy Bozek (Annapolis)	410-974-6062	MacII,Scanner
Lou Sapienza (Crownsville)	410-923-3415	Mac IIsi, Canvas, DTP
Barry Conner (Annapolis)	410-573-7140	Mac Telecomm
Brian Bassindale (Arnold)	410-757-9541	Mac IIci, CAD
Gini Waters (Crownsville)	410-923-0139	Mac+, DTP
Bill Derouin (Severna Park)	410-766-1154	Centris 650, DTP
Bill Waring (Severna Park)	410-647-5605	Mac,Excel
Helen Hamerstrom (Severna Park)	410-647-1720	Mac, CD-ROM

Apple II

Seth Mize (Glen Burnie)	410-766-1154	IIGS,II+,III
Helen Hamerstrom (Severna Park)	410-647-1720	IIGS,IIe,DTP,HS

New Macintosh Files on the TCS

by Lawrence I. Charters

January saw the 10th anniversary of the Macintosh, and the fifth month of operation of the new TCS, the Washington Apple Pi bulletin board system. As this is written, no one knows if Apple will have another killer Super Bowl TV ad, but we do know the TCS has consumed well over 800 megabytes of its 1 gigabyte (billion byte) hard drive by mid-January. When we began the TCS upgrade campaign, we had no idea we'd use up disk space this rapidly — Of course, not all the TCS files are Macintosh files. There are tons of Apple II and IIgs files, and recently the Apple /// folks have added a number of files. Then there are also MS-DOS and PowerPC files, not to mention 160 Newton files uploaded in just over a month.

But 90% of these are Mac files (even more by "volume"), or non-machine specific files such as the GIF and JPEG pictures and the MOD music files. And we're running out of space. And to fix the problem, the TCS needs funds.

Also needing funding are expanded Internet services and E-mail (electronic mail), in addition to funds for repair of normal wear and tear. We also have a constant demand for more, and faster, modem lines. Right now, the TCS has a "break-even" budget, which effectively prohibits any kind of useful expansion.

So what does it have to do with you? We need your suggestions. Do you think the current TCS, and the yearly subscription cost of $9 per year, is adequate? Or do you find 2.5 cents a day excessively modest? Should we raise the subscription rate? Hold bake sales? Ask for federal disaster assistance? Toss it all and return to quill and ink?

Let's hear your ideas. Post them on the TCS in Open Forum (Conference 1, Board 28), write letters to the Pi office (care of the TCS Committee), send donations (care of the TCS Improvement Fund), or contact a club officer or board member. We have the talent and demented volunteers necessary to expand our services; what we don't have is a clear idea of what you want, and zero funds to pay for it.

The usual fine print: this listing represent only a small portion of the constantly changing library of files available for downloading. Call the Pi Office at 301-654-8060 for information on how to subscribe to the Washington Apple Pi Telecommunications System, the Pi's "24 hour a day General Meeting."

Area 2: TCS Help Files

GIFPREVIEWA.GIF, GIFPREVIEWB.GIF, GIFPREVIEWC.GIF, GIFPREVIEWD.GIF, GIFPREVIEWE.GIF: Catalogs of some TCS GIF images

JPEGPREVIEW2.GI: Catalog of some TCS JPEG images

Area 3: Apple System Software

APPLESHARE4.SEA: Tune-up for AppleShare 4.0 (only!) that will make it v.4.01.

IIE.CARD.2.2.1: software for the LC IIe card, v 2.2.1

MACINTOSHCD.SEA: Apple's CD-ROM Setup disk version 5.0. Latest drivers for the CD-300plus and other goodies.

MESSAGE.PAD.104: Newton Message Pad System Update 1.04; update to the system software resident in the Newton Message Pad.

NETWORKLAUN.CPT: fix from Apple (an extension) that cures 040's problems with launching applications over an AppleShare network.

SW2.D1.CPT: StyleWriter II version 1.2 driver/font set.

SYS.ENABLER.COL: all Current System Enablers (11/3/93)

Area 6: Misc Documents

BIGDUMM.TXT: Big Dummy's Guide to the Internet, in text format.

REGISTERS.TXT: About LineLink 144e S-registers

STARTREKACTORSR: Star Trek Actors and Roles

STARTREKTNGNOVE: Star Trek:TNG novels compendium

USRTERMS.TXT: dictionary of modem terminology, created by U.S. Robotics.

WORMLOGO.EPS: the late, despised "high tech" NASA logo, known as the "worm logo," in the form of a PostScript file.

Area 7: GIF Graphics

CINDY053.GIF: Crawford, in the cab of an old pickup.

CINDY54.GIF: Cindy Crawford

CISHUT.GIF: Massive photo of shuttle on launch pad

COASTERS.GIF: Colorful collection of beer coasters

DATABEV.GIF: CDR Data and The Good Doctor.

EAGLE2.GIF: Dramatic photo of bald eagle

EARTHCOMPOS.GIF: Composite photo of entire Earth, pieced together from thousands of photos.

EARTHSAMER.GIF: View of Earth over South America

EMMASAMM.GIF: in a brief bikini.

FORSALE.GIF: during a Shuttle spacewalk, a couple of astronauts decide to entertain themselves by putting out a For Sale sign.

GCANYON.GIF: Dramatic photo of

Grand Canyon

GENEGIF.GIF: Portrait of the creator of Star Trek

GEYSER.GIF: Great photo of a Yellowstone geyser

GIRLONDECK.GIF: Appropriately attired

GIRLWCONCH.GIF: Girl with conch shell

GOLDENGATE.GIF: Photo of the famed bridge

HEIDELBG.GIF: Photo of the famed castle at night, famed for drinking, duels, etc.

HUBBLEDPLOY.GIF: Deployment of the Hubble space telescope

HUSKIE.GIF: Mascot of the University of Washington

HUYGENS1.GIF, HUYGENS2.GIF, HUYGENS3.GIF: outstanding, dreamlike drawings of a probe dropping into the atmosphere of the moon of a ringed planet.

INSIDESPORT.GIF: Pinup made famous by B. Baldridge

JAPANGARDEN.GIF: Nice photo of a Japanese garden

JPNFOREST.GIF: wonderful color photo of a Japanese forest in the fall.

JURASSIC.GIF: Jurassic Park logo

KYOTO.GIF: Golden Pavilion in Kyoto

LIGHTHOUSE.GIF: Great photo: lighthouse, ice, cliffs

MACBRAG.GIF: What to do with a billion bytes of RAM (if you have a Mac).

MAGIC.GIF: Magic Johnson in mid-flight

NASALOGO.GIF: New (old) NASA logo, in color

NGA1.GIF: National Gallery of Art

NOAABAHA.GIF: NOAA photo showing Baha to Gulf of Mexico.

NOAACANADA.GIF: NOAA satellite image of E. Canada

NOAADALLAS.GIF: NOAA photo centered on Dallas

NOAAGRNDCAN.GIF: NOAA satellite photo of Grand Canyon

NOAAGULFMEX.GIF: NOAA photo of the Gulf of Mexico

NOAALONGISL.GIF: NOAA satellite photo of Long Island

NOAAQUEBEC.GIF: NOAA photo of Quebec; it still looks like it is attached to Canada.

NOAAWASHST.GIF: NOAA photo of Washington State

NOAAYUCATAN.GIF: NOAA photo of Yucatan peninsula

NOBARNEY.GIF: International symbol for "No Barney"

NORIKURA.GIF: Snow scene inside a Japanese volcano

OTTERS.GIF: Color photo of otters doing what they otter.

RAQUEL25.GIF: Raquel Welsh

SI25P.GIF: Double view of swim wear

STARDEST.GIF: Close up view of star destroyer

STEPS.GIF: Wonderful, huge photo of worn steps. Not sure where this was taken, but there are thousands of old steps like this in Japan. Of course, if you were a couple thousand years old, you'd be worn, too.

STS56NL.GIF: Glorious night launch of the Shuttle

TAHOESTM.GIF: Winter near Lake Tahoe

TIGGER72.GIF: Really cute tiger cub

TNG.CHAR.GIF: Pen and ink drawing of cast of ST:TNG

Area 8: JPEG Graphics

ABOUT.DR.FUN, DR.FUN.MANFESTO, DR.FUN.930924, DR.FUN.931227, DR.FUN.931228, DR.FUN.931229, DR.FUN.931230, DR.FUN.931231, DR.FUN.940103, DR.FUN.940104, DR.FUN.940105, DR.FUN.940106, DR.FUN.940107, DR.FUN.940110, DR.FUN.940111, DR.FUN.940112, DR.FUN.940113: Doctor Fun is a more or less daily cartoon posted on the Internet.

GRDCMORN.JPG: glorious photo of the morning light hitting the Grand Canyon.

HNDEARTH.JPG: Two hands hold the Earth

IDMOUNT.JPG: looks like Southern Idaho, just up from the Utah border, near Boise.

MAELSTROM.JPEG: Glorious piece of space art, allegedly in honor of the great Macintosh arcade game.

MARNIE.JPG: Nice beach, sky, yellow swim suit...

SEASCAP8.JPG: Very nice seascape. You can smell the salt water. This is mildly disturbing, since salt air is not good for your computer.

X31.JPEG: X-31 experimental jet and chase plane.

Area 9: MOD Music

AIRWOLFS.LZH, ALMOST.LZH, BEYOND2T.LZH, BIRDHOUS.LZH, BNDTHM.LZH, DRWHO.LZH, ELCONDO.ZIP, FIREWORK.LZH, FLUTEPAN.LZH, GOINGFAR.LZH, HAL.LZH, JBROWN.LZH, JENNIFER.LZH, MUNSTERS.LZH, NEOCLASS.LZH, POSEIDON.LZH, QUANTUM.LZH, REMBTIME.LZH, SHEDRIVE.LZH, TRAPEZE.LZH, WAR2029.LZH: MOD music files for use with a number of Macintosh and Apple IIgs music players. These are compressed using either ZIP or LZH compression, and there are decompression utilities for both Mac and Apple IIgs computers. If you want to go slumming, you can also play these on Amiga, Atari, and MS-DOS machines with appropriate MOD players.

SNDTRKPATCH.SITP: Patch program for Sound-Trecker 2.0, a phenomenal MOD program for the Macintosh.

Area 10: MIDI Music

AULDLANGNOM.SMF: Auld Lang Syne (no Melody), SMF format. Multi track. Requires external MIDI device and software that can read and play back standard MIDI files.

BAABAABLACK.SMF: children's Song, SMF format. Multi track. Requires external MIDI device and software that can read and play back standard MIDI files.

EENTSYSPIDR.SMF: children's Song, SMF format. Multi track. Requires external MIDI device and software that can read and play back standard MIDI files.

SIXLITLDUX.SMF: children's Song, SMF format. Multi track. Requires external MIDI device and software that can read and play back standard MIDI files.

Area 11: Newton

[There were 160 new Newton files uploaded between mid-December and mid-January. Since a Newton isn't a Mac, we are going to discontinue listing Newton files unless the file has

something to do with a Mac, or is particularly strange.]

BILLY.DRAW: simple application allows you to draw whatever you wish on a picture of President Clinton. If you voted for him, you can draw halos, etc. If you didn't you can draw horns, etc. Faxing to the White House not yet implemented.

FIXER.1.1: utility that will find and correct any storage problems associated with your Calendar Meetings and Day Notes.

LOWDOWN.MAC.DA: Newton Lowdown is a desk accessory for the Macintosh that provides a quick desktop reference to NewtonScript commands which may be of use to those programming the Newton direct (e.g. through the NewtonScript Runner utility). It also guides you through the currently documented error codes, with a little help from Monty Python.

MAIL.SAVER: one-stop NewtonMail assistant. It gives you access to your inbox, outbox, Sprintnet access number (including keeping a list of your frequently used access numbers). It can put away mail enclosures, save the text of a message to a new notepad entry, and strip Internet routing headers from messages before saving them.

METRO: Someone wrote a Newton package that contained travel information on the Washington Metrorail system. I think this is it, though I have no way of confirming it.

MINI.TOOLS.102: small but growing set of FreeWare utilities for the Newton currently includes functions to clean and compact memory, execute any NewtonScript command (use with care) and display information about memory, battery power and temperature in a more accessible way than the system does.

NEWTON.DEMO.13I: What can you do with a Newton? This Mac application shows a promotion that's meant to run continually at retail stores.

NEWTON.HI.ART: Newton Human Interface Toolkit, v1.0, is nothing fancy — just a couple of MacPaint documents containing the Newton human interface elements in accurate dimensions.

NUDE.BEACHES: Newton book containing a listing of dozens of nude beaches in the state of California. Yeah, right. Like you're really going to show up carrying your Newton. (MSWord file also included, if you'd rather show up carrying your PowerBook.)

POUR.0.9: little utility that will allow you to choose any soup from the available stores on your Newt and will pour it down the serial port at 9600-8-N-1. Pour sends the soup as text, with frames enclosed between braces and their entries labeled and arrays enclosed between square brackets.

RESTO.1.3: supposedly useful in dividing up a difficult restaurant bill among friends. (I'll leave you to ponder the incongruities in that.)

SIGN: MessagePad application that contains pictures for the American Sign Language finger alphabet.

SOUPER.1.1: Within the Souper application you have the ability to select the "Store" on which you want to work and the Soup you wish to operate on. You may rename a given Soup, Delete the entire Soup, Clear all entries out of a Soup, or get information about a Soup. The functions Rename, Remove, Clear, and Duplicate operate as you would expect.

TRICORDER.7: turn your Newton into a Star Trek tricorder. This is apparently one of the most popular Newton programs thus far.

Area 22: Mac Applications

PDP8.SIT: PDP-8 emulator for those who REALLY like to live in the past.

REVELATIONS.SIT: full relational database program written by a European going to school in Japan.

Area 23: Mac Utilities

DDEXPAND.SEA: expands all Disk-Doubler archives through Version 4.

DIRECTORY.SIT: disk directory program automatically scans your drives and produces an outline view of your disk, folders and files.

EXAMINER1.0.SIT: not only manages Control Panels and Extensions but also things in the Startup Folder and other random goodies in your System Folder.

HEXEDIT105.SIT: equivalent of ResEdit's Hex Editor, but for data forks. This is the only editor that lets you insert bytes into a file.

MACDOS.SIT: MS-DOS interface for Macintosh. May not be suitable for children.

NUMTOWORDS.SIT: Excel macro which will convert numbers to words, such as converting a check total English.

PARACHROMA1.SIT: single-purpose utility modifies Word 5.0 to change the color of the "invisible" paragraph markers, thus making them easier to see when proofing a document.

PENPAL1.3.1.SIT: extension to Word 5.0 (and 5.1) allows you to simulate handwritten letters with Word 5.0. Comes with two very interesting TrueType fonts to add the random, imperfect look of hand-written characters.

TIFFAFE.SIT: Apple File Exchange document for converting MS-DOS TIFF images to Macintosh TIFF images.

WATERMARKS.SIT: Word 5.0 document with embedded PostScript code that allows you to add gray-scale "watermarks" behind your text, such as a gray "Draft" statement.

Area 24: Mac Extensions

FINDERLIASI.SIT: a liaison between AppleScript and the non-scriptable Finder.

MONITOREXPA.SIT: extension for Macs with 13" monitors and select video cards that gives you a larger viewable screen.

SOUNDMASTER.SIT: version 1.7.5 of a utility that makes your Mac play sounds when certain events occur (such as key clicks, disk insertion, disk ejection, and emptying the trash).

SPEEDYFINDE.SIT: version 1.5.9, latest version of superb Finder enhancement extension. Speed copying and alter most facets of Finder operation. A must have.

SSP1.1.CPT: Startup Screen Picker allows you to group all your startup screens in one folder, and a different screen is displayed each time you boot your Mac.

TODO3.2.1.SIT: desk accessory that allows you to keep track of the myriad of things you need to do in an organized and easily accessible manner.

Area 26: Mac Sound

GOODBADUGLY.SIT: Spaghetti Western or the Senate? You be the judge.

HOMEIMPROVS.SIT: Home Improvement sounds

MSTSONGS.SIT: Two hilarious songs from Mystery Science Theater 3000

PRINCESSB1.SIT: Sound clips from Princess Bride

SOUNDBUILD2.SIT: records, edits and saves sounds in SND, AIFF, AIFC, WAV and VOC format files, and in SoundBuilder's native format.

WISHUWRNTLVNG.S: We wish you weren't living with us—

Area 27: Mac Graphic Images

BLACKTOP.SIT: This is what your Mac would look like with an all-black desktop.

DCAREAMAPS.SIT: same map in two formats: PICT and MacDraw II. This is a *large* map covering the area from Baltimore to Harper's Ferry to well below DC.

DNAPICS.SIT: DNA PICS sequence; beautiful; looks wonderful when played by After Dark.

NEWENGLANDMAPS: Great collection of icons and maps for New England. If you like maps, you gotta take a look at this.

QUADRA8BITP.SIT: nicely sculpted 3D color illustration proclaiming Quadra!

SILVERSURFER: Bill Baldridge's famed Silver Surfer

TWOPGSTARTU.SIT: Black and white startup screens for two page displays.

USATOPOGRAPHIC: Great collection of icons and maps of the U.S.

Area 28: Mac Graphic Utils

AVDSPPOWER.SIT: Photoshop and filter-compatible programs: Speed up certain operations while using an -av Mac.

COLORITSCAN.SIT: Scanner module for ColorIt!

FLIPLAYER1..SIT: fli (MS-DOS) animation player for Macintosh.

GRAPHICCONV.CPT: version 1.7.6, is an application that can convert graphics files from Atari, Amiga, and IBM formats to Mac formats and vice versa. Some of the formats supported are PICT, MacPaint, StartupScreen, uncompressed TIFF, RIFF, PICS, GIF, .PCX, and .BMP.

ICONARTIST1.SIT: Icon creator/editor.

MOVIEMAKER1.SIT: create a QuickTime movie from a folder full of PICT images.

RAINBOX.SIT: useless, but pretty, graphics program

Area 29: Mac Telecomm

MAC.MOSAIC.101: widely regarded as a "killer application" that makes it worthwhile to connect schools, libraries, and homes to the Internet. It allows the user to search and retrieve all sorts of information (text, audio, pictures, movies, database entries, etc.) from all over the world. While true operation of Mosaic requires Internet access, this upload also contains documentation "pages" which let you sample the program from your hard disk.

MACHTTP.1.2.1: Macintosh *server* software for the World Wide Web. It allows you to keep HTML (HyperText Markup Language) "pages" on your Mac, and have others retrieve them using HTTP (HyperText Transfer Protocol).

MACTCPSWITC.SIT: Switch MacTCP configurations

TERMY2.3.SIT: communications/terminal program with many built-in file/text translation options. Requires Communications Toolbox and your own tools.

Area 30: Mac Product Demos

AIR.COMBAT: working demo of Chuck Yeager's Air Combat

DAYNANETWOR.SIT: working demo of Dayna Network Vital Signs, a network monitoring and management package.

KUDOIMAGEDE.SIT: Working demo of Kudo Image Browser. Kudo is a competitor to Aldus Fetch, a utility for cataloging images—GIF, PICT, Paint, QuickTime — and sounds. It is AppleScript and AppleEvent compatible/scriptable, has nice search functions, can be used to copy images directly into applications, etc. The sample, non-editable database covers some GIF images on the TCS.

SHANGHAI.SIT: Working demo of Shanghai, wonderful game

T4THDIMENSI.SIT: Working demo of 4th Dimension 3.0

TIMBUKTUFRE.SIT: Demo of Timbuktu, the remote access/control package.

TRISTAN: working demo of Tristan, a pinball game

WBADEMO.SIT: Electrifying demo of Who Built America, a new CD-ROM from Voyager, filled with pictures, sounds and source material covering the last part of the 19th century to the early part of the 20th.

Area 31: Mac Product Support

AI5.0.1PATC.SEA: update Adobe Illustrator 5.0 to 5.0.1

CDROMTOOLKI.SIT: Update CD-ROM Toolkit to 1.05

COLORIT232.SIT: Update ColorIt 2.3x to 2.32

DB155ALL.SIT: Update deBabelizer to 1.55

EXCELTALK2..SIT: Let Microsoft Excel talk to you

HP4MP.SIT: HP LaserJet 4MP PPD

MACSLIP.202.204: Update MacSLIP v 2.0.2 to 2.0.4

MECHFIX.SIT: Mechanical Book update.

NOWUTILITIE.SEA: update NOW Utilities 4.01p to 4.02

PAGEMAKERFA.SIT: PageMaker Frequently Asked Questions

POWERKEY212.SEA: Update PowerKey 2.x to 2.1.2

RADIUSWARE.SIT: Radius Software suite as of 1/94

STF30UPDATE.CPT: FAXstf 3.0 Update

WORDPERFECT.SIT: Bug fix for WordPerfect 3.0

Area 32: Mac Games

BLOCKTOID: multi-player strategy game, consists of groups of game pieces moving across the board trying to capture the opponents' flag.

DIRTY.DOZEN: similar to Apple's Puzzle DA, but it's a lot harder to win.

JETFROG3.0..SIT: Fly a jet-powered frog, eat flies.

JETPACK: control a little blue-suited man wearing a jetpack. The little man can walk left or right, and can turn on his jetpack to fly upwards. You must guide your little man through a series of dangerous mazes.

MAHJONG.SIT: the ancient Chinese/Japanese game, the oldest, most popular game in history, in a version written for the Macintosh.

NMM203.SIT: Nine Men's Morris, ancient board game

OXYD3.5.CPT: strategy game for those who've lost their marbles and need to play with the Mac's. Very well done.

PAIRPICKER.SIT: two-player game in which the players attempt to match pairs of cards. Can be played by adults as well as young children.

PENTRIS1.0.SIT: Yet Another Tetris Variation.

STARWARSGUN.SIT: Gunshy with Star Wars theme

Area 33: Mac Education

ALPHABOAT.CPT: Nice program to teach alphabet

BABYSMASH5..SIT: application generates random sounds and images when someone pounds on the keyboard. Intended for infants, but might come in handy at work, too.

GLIDERDESIG.SIT: Glider Design 1.2.1, teaches the principles of aerodynamics through glider design.

MATRIXMASTE.SIT: tool for doing matrix mathematics.

ULTIMATEMAT.SIT: Ultimate Math Machine. Let kids teach themselves elementary math.

Area 34: Mac Hypermedia

D3DQTVIEWER.SIT: stack which shows one very clever way to view 3D QuickTime movies. Includes a neat QuickTime clip of the leg.

FILECHANGER.SIT: AppleScript scripts for changing file information. Untested, but looks interesting.

HC.22.SCRN.SIT: Screen shots from the forthcoming HyperCard 2.2.

HTML.EDIT10.SIT: application (a HyperCard stack with the run-time module included) that lets you experiment with the HyperText Markup Language (HTML). HTML is the language of the World Wide Web (WWW).

SCRIPTINGTO.SIT: More AppleScript scripting tools.

SCRIPTTOOLS.SIT: Tools for scripting in AppleScript.

STACK.DISSECTOR: Tool for performing HyperCard autopsies

STARTREKREF.SIT: Star Trek reference

TIFFWINDOW1.SIT: Show TIFF images from within HyperCard

VEGIECARD.SIT: All about vegetarianism without any proselytizing.

XLIBRARY.2..SIT: Stacks and tools for building links between libraries — book-type libraries, computer libraries, any kind of libraries.

Area 35: Mac Multimedia/QT

CHASINGASCR.SIT: Chasing a screw. Shame on you for thinking those thoughts!

CLIMBINGTHETEL: gives you a good idea for the *huge* size of the Hubble when you see this itty bitty astronaut climbing up the side.

GSALEDEC93.SIT2: movie based on Bill Wydro's great video footage of the Pi's December 1993 garage sale.

HINDENBERG: Entire newsreel report on the flaming death of the Nazi Zeppelin, Hindenberg, at Lakehurst, NJ, more than 50 years ago.

HURRICANEEMILY1: QuickTime clip composed of NOAA satellite images showing Hurricane Emily's visit to the East Coast, 1993.

LIFTOFFET212.1: Dramatic launch clip of the Space Shuttle.

MUMM: Take an Egyptian mummy, a modern CAT scanner, a couple of supercomputers (at NCSA, at the Univ of Illinois), and 3D rendering software, and this is what you get.

QTPSVSLBX.SIT1: Two QuickTime clips showing the two different ways of transferring film to TV. Because of differences in aspect ratio, pan and scan takes a portion of the film and blows it up to full screen size, whereas letterbox puts a border around the frame to adjust the ratio. Well done, even if he did screw up the sound track.

RTRACEMOVIES1: The three- dimensional feel of this clip is exceptional, zooming in and around. And done with a free rendering package.

SPACECRU.SIT: simple but nice looking space ship from the future. Well done; created by a Pi member.

SYSERRANIMA.SI: splendid animation shows what *really* takes place when you have an error on your Mac and the "Restart/Resume" buttons pop up.

TORTOISE1: California desert tortoise at full tilt.

TRAVELBOOK1: Clips of beautiful French sights with a lively soundtrack.

Area 36: Mac Information

HARDDISKPAR.TXT: Hard disk partition size information

MAC.AV.FAQ.SIT: Mac 660/840av frequently-asked-questions

MACCALENDAR.SIT: Clever 1994 calendar, done in FileMaker Pro

MAZEMAKERV3.SIT: Excel macro that builds mazes. Really fun to watch. Depending on the amount of RAM you have and the speed of the processor, you may want to exercise a bit of caution before creating really big mazes, and the "watch" parameter also takes some time on slow machines.

MODEMDICTIONARY: comprehensive dictionary of modem and telecommunications terms.

TIDBITS# 207 to #208: Tidbits for week of Jan. 4, 1994 and Jan. 11, 1994; the famed on-line weekly magazine.

Area 37: Mac Programming

AEDISPLAY13.CPT: Application displays and prints Apple Events

GTQLIB1.04.CPT: AppleScript external commands library

OSAXHOWTO.SIT: Preliminary documentation on how to write your own OSAXs for AppleScript in C or Pascal. OSAXs are external functions for the AppleScript language.

OSAXSAMPLES.SIT: Sample OSAXs with THINK C source code

SYMANTECDEF.SIT: complete list of the current Symantec C/C++ bugs.

XCMD.OSAX.SIT: Convert XCMDs to AppleScript OSAXs

Area 38: Mac Technical

TEXREV1.0.SIT: Reference for the TeX typographic layout language.

TN.COMMUNICATNS: Mac Tech Notes: CM Communications

TN.DEVICES: Mac Tech Notes: DV Devices

TN.FILES: Mac Tech Notes: FL Files

TN.HARDWARE: Mac Tech Notes: HW Hardware

TN.IDX.CATEGORY: Mac Tech Notes: Category Index

TN.IDX.SUBJECT: Mac Tech Notes:

Subject Index
TN.INTERAPP.COM: Mac Tech Notes: IC Interapp Communications
TN.JAN.1994: a few extra Tech Notes, from the Jan, 1994, Developer CD.
TN.MEMORY: Mac Tech Notes: ME Memory
TN.NETWORKING: Mac Tech Notes: NW Networking
TN.OP.SYS.UTILS: Mac Tech Notes: OS Operating System Utils
TN.OVERVIEW: Mac Tech Notes: OV Overview
TN.PLATFORMS: Mac Tech Notes: PT Platforms & Tools
TN.PRINTING: Mac Tech Notes: PR Printing
TN.PROCESSES: Mac Tech Notes: PS Processes
TN.QUICKDRAW: Mac Tech Notes: QD QuickDraw
TN.QUICKTIME: Mac Tech Notes: QT QuickTime
TN.TEXT: Mac Tech Notes: TE Text
TN.TOOLBOX: Mac Tech Notes: TB Toolbox

Cable Dingbats

Word Processor Tips

by Ray Settle

Note: The following tips and tricks are intended for users of *Microsoft Works 2* and *3* who have a basic but not proficient knowledge of either program. Many of the tips and tricks listed below can be applied to most other word processors as the features explained are common and traditional word processor functions.

General

■ Open a *Works* file simply by double clicking the document icon. It is not necessary to open *Works* first.

■ Save your work every ten minutes or after every page so a power outage or system bomb will not wipe out more than ten minutes of work. Such problems usually occur when they can cause the most frustration.

■ If you would like to add a number of files to the desktop simultaneously rather than one at time, follow this procedure before starting *Works* itself:

—Open the folder containing your files and single click on one file you want to open.

—Find the next file and shift-click on it and so on until all the files you want to open are highlighted.

—Type *Command-O* or double-click on one of the selected files, and *Works* will open each of the highlighted files in separate windows. The last file opened will be the active window.

■ If you would like to add a number of files to your desktop after opening *Works 3* and running System 7, just click outside the window (or select the FINDER from the Application Menu in the upper right corner) to switch to the Finder. (If the disk icons down the right side of your screen are hidden by the *Works* window (as they may be with 9" or 12" screens), hold down the OPTION key to hide Works. Then follow the directions listed immediately above.

■ To facilitate student use of *Works*, save a blank file as stationery under the title "Open New Document". The stationery opens as "UNTITLED" and will remain unaltered on the disk. The student will need to give the file a new name in order to save it back to the disk.

■ The easiest way to add files from a floppy is to open the OPEN dialogue box first then insert the floppy. Apparently, the interface recognizes that the just inserted disk must be important and makes it the selected disk. You just need to find your file on the floppy and select it. You thus save clicking on the desktop or drive button and selecting the disk from the desktop menu.

■ It is possible to open a number of documents at the same time and switch easily from one to the other by using the WINDOW menu. The keyboard shortcut COMMAND-, [comma] switches windows in se-

quence. The WINDOW menu also contains online help and an option for viewing the contents of the clipboard.

■ To check spelling always save the document before and after the spell check just in case a crash occurs while spell checking.

■ Return the cursor to the top of the page for searches and spell checking for maximum efficiency and speed.

■ Also return the cursor to the top of the page when saving the final copy when the document opens the next time for reading, the top of the document will be in view.

■ To move quickly to the top of the document, enter CONTROL-A; to move quickly to the end, enter CONTROL-D.

■ Of course, while working on a document, save with the cursor where you wish to resume work so at the next opening the cursor will be where you left off.

■ For large multiple page documents, partition the document into chapters or sections not to exceed 10 pages.

■ If you need to share your document with someone with another machine, save a copy of your document as a text file (option offered in the SAVE AS dialogue box). This format will enable you to transfer the document to an IBM compatible disk or to an Apple II disk using the *Apple File Exchange* utility that comes with every Mac.

■ Always save before printing so a lock up will not cause you to lose your data.

Formatting

■ Margins are automatically set at 1 inch top, bottom, right, and left. To change the margins, select the PAGE SETUP option from the FILE menu. Most printers can handle margins as small as .5 inch. Even if they could, smaller margins should not be used.

■ Do not attempt to eyeball center a title; use the centering command under the FORMAT - JUSTIFICATION menu in *Works 2* . Use the centered icon on the ruler bar in *Works 3.*

■ Even though the ruler on the screen shows the left margin to be 0, the printed copy will normally provide a one inch margin so the right margin set at the default of 6.5 inches will produce a document with one inch margins left and right. Do not change these margins to a wider option unless you change the PAGE SETUP defaults as described above.

> Do not use more than three fonts and/or three different sizes on any one page for best appearances.

■ Ruler changes affect only original lines entered from where the changes were made not every line that follows. So if a margin change were made in the middle of the page, only those new lines entered from then on would reflect the new margins. All existing lines would retain their original margins.

■ If a document is just one or two lines too long for a page, try the following: eliminate some blank lines, change the type size of blank lines to a smaller size (9), and/or edit the text. Pay particular attention to those blank lines that tend to grow at the end of the document. Avoid single line pages at all costs.

■ To change the margins on existing text, select the text by highlighting it, then change the margins, indent, TABS or whatever. The changes will affect only that text highlighted.

■ To change the formatting on the entire document, select SELECT ALL in the EDIT menu (or type Command-A in *Works 3.0*); the entire document will then reflect the changes.

■ Headers and footers offer attractive ways to add standard information to documents.*Works* will print anything you specify plus such other items as the time, date, filename, and page number either left, right or center justified.

■ Page numbers can be inserted either in the header or the footer of the page. Even margins as small as .5 inch permit use of footers and/or headers as long as the selected fonts are small enough.

■ To obtain the footer format with the title on one side of the page and the page number on the other, type both together with the center command on then insert TABs between the two parts until they reach the margins.

■ Word processors univerally define a paragraph as the text between carriage returns.

■ To quickly select a large section of a document just place the cursor at the beginning of the section then move the cursor to the end of the section and hold the SHIFT key down as you click the mouse button. The entire section between the first cursor and your click will be selected. This command is especially useful for selecting sections through

multiple pages or screens.

■ Remember that formatting changes (centering, margins, TABS, etc.) only effect text from the point where the change was made. To change formatting on already entered data, highlight the data and then change the formatting.

■ To create hanging indents in a document, such as for test questions or bulleted items, just hold the SHIFT key down and move the bottom triangle right margin marker right to line up where desired. (In *Works 2.0,* the hanging indent marker is a larger grayed square.) Beware though that the new indent becomes the first TAB and any TABs previously entered will have one TAB added.

■ To make question numbers line up properly, insert a decimal tab at the 3/8ths inch marker on the rule. Type a TAB before typing a number and all numbers will justify on the decimal point and line up straight.

■ Use a decimal tab also for lining up a column of financial figures.

■ Most style sheets for word processing specify only one space after periods rather than two as is the custom in regular typing. For more of the reasoning on this change, see Robin Williams book *The Mac Is Not a Typewriter.*

■ After changing printers via the Chooser, be sure to go to the PAGE SETUP menu selection and just type a RETURN to adjust your text to the new printer's idiosyncrasies.

Printing

■ For best top margin results on an ImageWriter, position the top of the paper or ditto about 1/2 inch above the printhead.

■ Use the Hand Feed option when printing dittos so the printer will stop after each page to allow you to insert and position the next sheet.

■ When printing with a dot matrix printer without TrueType or ATM, select a font size that has a complimentary double size font available in the FORMAT menu. For example: If you want to print a 12 point font, be sure to select a font that has a 24 point available in the SIZE sub-menu (a valid font size will be displayed in outline form 24). The program will select a font twice the size you indicate and then scale it down for maximum print quality.

■ Italicized text is not the most pleasing format from a dot-matrix printer; use bold instead unless manuscript form specifies italics. When using italics, be sure to italicize the space between the last italicized character and the first normal character to get proper spacing. To check proper spacing, place the cursor between the last italicized and first normal characters and press DELETE. If the last italicized character is still visible, the spacing is OK. If the letter disappears (look closely), retype the character and add a space. If it's OK replace the deleted space and continue working.

Fonts

■ *Times 12* is the most efficient user of page space and (for teachers) makes the most legible ditto.

■ To get a • (bullet) just enter OPTION-8 using any font.

■ Most fonts except **Courier** (typewriter) and **Monaco** are proportional, i.e., they use different amounts of horizontal space for each letter. Consequently, using the space bar to setup columns using a proportional font will not produce evenly lined-up columns even if they appear so on the screen. Use the TABS for columns or indents.

■ If you need to use a file on several different computers, use only the standard fonts that came with the computer. Avoid unique or special fonts since the receiving computer may have to substitute fonts and change the formatting.

■ Times and Palatino are samples of serif fonts while **Helvetica** and **Geneva** are sans-serif fonts. Serif characters have bases while sans-serif do not.

■ Do not use more than three fonts and/or three different sizes on any one page for best appearances.

■ Generally it is best to use sans-serif fonts for headlines, titles, etc. and serif fonts for body text. Normally, only change fonts in a document if a section calls for special emphasis; the change will give that section special emphasis whether intended or not.

■ Italicized words or section show up best in copies and especially in mass produced copies such as mimeo or ditto. Bold tends to fill in and blend letters together.

■ When italicizing, be sure to include surrounding punctuation in the italics for smooth transitions from italics to normal. The screen display will not accurately display the relationship between italics and normal styles. One must just trust the computer to print them accurately as attempts to rectify the relationship on the screen will result in unappealing appearance on paper.

■ To determine the key combination for a foreign accent or letter, select the KEY CAPS desk accessory under the APPLE ( ) menu

and press either the OPTION key or the SHIFT-OPTION combination to determine the location of special characters and accents. Any special accents (such as an umlaut) are indicated by having their key outlined in gray. These accents require a combination key press. For example: to get an umlauted a, press OPTION-U (Nothing will appear on the screen, but the next letter typed will have an umlaut inserted over it) then type a. The result will be ä. OPTION-E plus an e produces é as in résumé.

■ A better option is to obtain the shareware control device *PopChar* by Günther Blaschek which makes such character selection much more manageable.

Editing

■ All text to be edited must be selected by highlighting before any editing commands can be executed. For this reason the editing commands are dimmed on the EDIT menu until some text is selected.

■ Move text around in a document by highlighting it then press COMMAND-X. This command cuts it temporarily from the document and holds it in memory on a clipboard until something is cut from the document or the machine shuts down. (It is prudent to move this data off the clipboard as soon as possible because a power failure or another cut will remove it permanently.)

■ To paste the cut section back into another place in the document, place the cursor at the spot where you want the section and press COMMAND-V. The contents of the clipboard will be inserted from that spot with following text moving right and down out of the way.

■ To copy a section (duplicate it), simply follow the two directions above substituting COMMAND-C for COMMAND-X.

■ To remove a section from a document with no plans to retrieve it later, select the text then select CLEAR from the EDIT menu or just press DELETE.

■ To undo any editing or typing commands, press COMMAND-Z. This command retracts the very last command entered.

To copy a section (duplicate it), simply follow the two directions above substituting COMMAND-C for COMMAND-X.

■ To insert characters or words in a line, simply move the cursor to the insertion point and begin typing. There is no overstrike option.

■To simulate an overstrike option, highlight the text to be replaced and begin typing the replacement text. The highlighted text will disappear, and the new text will begin taking its place as soon as the first letter is typed.

■ When using the SEARCH menu to find or replace text, be sure to put a blank space after the word to find so word parts and prefixes and suffixes will not be included in the search.

Saving

■ Any new document will have the temporary name of *Untitled*. The program will not allow a document to be saved with that title, so when a COMMAND-S is issued, the program provides a dialogue box which requires the user to name the document. From that point on, any COMMAND-S will simply save the document under its name with only a slight flash of the EDIT menu to indicate that something is happening.

■ Inattention to the default directory is the most common error committed during the saving process. Always check the top of the SAVE or SAVE AS dialogue box to determine the destination of the saved file. If the intended disk or subdirectory is not displayed, change it by either selecting DESKTOP from the choices on the right or pulling down the pop-up (actually it pops down) menu to select another subdirectory on the same disk.

■ If a saved file does not appear on the intended disk after quitting the program, it was probably saved on the default directory. The best place to start the search for it is in the program folder on the startup disk. The second choice is the root directory of the computer's startup hard drive. After that, who knows? The FIND feature of the FINDER can be valuable in searching for a lost file as long as part of its name is known. By the way, it is possible to save a file with the name *Untitled1*.

■ The default directory for a new file is the program folder *(Microsoft Work 3.0 Folder* as installed unless the name has been changed to something else).

■ When creating a brand new file, name it and select its intended default subdirectory before starting

work on it. Most last minute saves are rushed and promote carelessness. This technique has the added benefit of establishing the default destination for future SAVE commands, making frequent saves more efficient. Remember to save every 10 minutes.

■ To save a document on another disk or to save it with a new name, select the SAVE AS... option from the FILE menu. The resulting dialogue box is identical to the one discussed above.

■ To save a standard document form, such as an letterhead template or form letter, use the SAVE AS... option from the FILE menu and clip on the STATIONERY button. (In *Works 3,* use the File Format options at the bottom of the dialogue box and select Stationery.) The file will then open normally but always with the title of *Untitled* and so must be renamed before saving.

■ To protect your data from accidental loss, a good practice is to save every file twice—once on the hard drive and again on a disk.

■ To help keep track of multiple revisions of a document, include the date in its title (EXAMPLE: Myfile 12/25).

■ Even though the Mac lets you use quite a few letters in its file names, it is best to keep file names less that 15 characters long since most open boxes will only display about that many characters. If you wish to use a similar long file name for several files, be sure to place the unique characters for each at the beginning of the file name. EXAMPLE: *Annual Promotion Report 1994* should be *1994 Annual Promotion Report.*

■ To make your letterhead or any standard heading available automatically when opening a document, save a copy of the letterhead as stationery. Opening it later will open it as an untitled document so you will not be able to erase your original letterhead by accident. For ease of access place this file in the Microsoft folder on the hard disk or, if running System 7, place it in the Apple Menu Items folder in the System Folder. Additionally, under System 7, that file could be placed in the Startup Items folder and the blank stationery would automatically be opened (along with the program) every time the computer boots up. Use this option only if most of your work will be done using the stationery. ■

Recommended New Books

(continued from page 35)

remote login, File Transfer Protocol, and electronic mail explain error messages, special situations, and other arcana. Archie, Gopher, NetNews, WAIS, WWW, and troubleshooting each enjoy a chapter in this well-written book. Appendices contain info on how to get connected in addition to a glossary. ISBN 1-56592-025-2. $24.95

Kochmer, Jonathan and NorthWestNet. (1993) **Internet Passport.** NorthWestNet, and Northwest Academic Computing Consortium, Inc. 15400 SE 30th Pl. Suite 202 Bellevue, WA 98007 206/562-3000. Recommended. Well-organized, easy-to-follow style. Includes step-by-step sample sessions with VT-100 screen shots. Special focus on Internet and K-12 education and supercomputing. Appendix details setting up your own campus wide info system (CWIS), policy questions, acceptable use, etc. Includes glossary, index. ISBN 0-9635281-0-6 $39.95

LaQuey, Tracy, & Ryer, J. C. (1993). **The Internet Companion: a Beginner's Guide to Global Networking.** Reading, MA: Addison-Wesley. Beginning with a foreword by Vice-President Elect Al Gore, this book provides an often- humorous explanation of the origins of the Internet, acceptable use, basics of electronic mail, netiquette, online resources, transferring information, and finding email addresses. The In the Know guide provides background on Internet legends (Elvis sightings is one), organizations, security issues, and how to get connected. Bibliography. Index. ISBN 0-201-62224-6 $10.95

Smith, Richard & Mark Gibbs. (1993) **Navigating the Internet.** Indianapolis, IN: SAMS Publishing.

Nicely laid out, readable, good information. Contains section on The Internet Hunt and online resources such as CARL, DIALOG, OCLC and ERIC. ISBN 0-672-30362-0. $24.95

Tennant, Roy, Ober, J., & Lipow, A. G. (1993). **Crossing the Internet Threshold:** An Instructional Handbook. Berkeley, CA: Library Solutions Press, 2137 Oregon Street Berkeley, CA 94705 510/841-2636

A cookbook to run your own Internet training sessions. Real-world examples. Foreword by Cliff Lynch. ISBN: 1-882208-01-3 $45.00

System Specific— Macintosh

* Engst, Adam C. (1993) **The Internet Starter Kit for Macintosh.** Indianapolis, IN: Hayden Books.

Engst has written the largest and most complete Mac-specific Internet book, but it contains something of interest to all users: he compares and contrasts providers such as Delphi, BIX, America Online, and CompuServe and the usefulness of their various Internet offerings. Contains the complete pdail and nixpub lists of service providers. Glossary and many screen shots. Bargain of the year, it includes software including Mac TCP, Eudora, InterSLIP, Fetch, TurboGopher, Stuffit Expander, and two week free Internet tria with NW Nexus. ISBN 1-56830-064-6. $29.95

Fraase, Michael. (1993) **The Mac Internet Tour Guide.** Chapel Hill, NC: Ventana Press. People profiles, software reviews, hot spots and cool resources on the Internet. For those who just want enough info to get on and get around and don't need one of the more complete and weightier tomes. Snazzy layout with many screen shots. Disk includes Fetch, Eudora, and Stuffit Expander, and two free electronic updates. ISBN: 1-56604-062-0. $27.95

Just arrived not yet seen:

Directory of Electronic Journals, Newsletters, and Academic Discussion Lists. Third Edition, April 1993. Association of Research Libraries ISSN: 1057-1337. $42.00

(continued page 64)

Special Computer Offer From Apple

March is printer month. The Performa offers from Apple for this month either squirt, or charge and fuse. Washington Apple Pi members are being treated to three printers, each of which is brand new. No fine print this time about where this equipment came from and how you only get 90-days to fiddle before its upkeep is your responsibility. Each unit comes with a full one year warranty.

Attention IIGS and light duty Mac operators, or someone with a one piece Mac headed for college. Back by popular demand is the ever popular StyleWriter I printer. It is the ink-jet printer that offers laser quality printing at a very affordable price. Its compact design lets you use it in even the smallest of work spaces. It can print on a variety of materials, including envelopes and transparencies. This is an inexpensive way to upgrade from an ImageWriter series dot matrix to laser quality at a very nice price and a one year warranty. Each unit comes complete with an ink cartridge, accessory kit and printer cable. Price is $200.00.

The second item is the Personal LaserWriter LS printer. It is a 300 dpi printer that does not support PostScript. Output quality is excellent with Adobe Type Manager or TrueType fonts. It came with 13 TrueType fonts on day one when it sold for $1100. You can have a brand new one with accessory kits and printer cable (toner not included) for a mere $399.00.

The final printer special for March is the LaserWriter IIF(2MB installed). This 300-dpi PostScript printer supports Level 2 printing. Treat it to 2 more megs of memory and it will do PhotoGrade halftone printing. Includes LocalTalk, serial and parallel ports. You can connect a hard drive to the printer if you want to store additional fonts. On day one it sold for $3200 with 4 MB installed. Get it with two (toner not included) for $816.00.

Product #	Description	User Group Price
M8050G/A	StyleWriter I	$200.00 (1)
M8015G/A	Personal LaserWriter LS	399.00 (2)
M6000	LaserWriter IIF (2MB)	816.00 (2)

(1) Shipping is $15.00 in Continental US. $35.25 to AK and HI
(2) Shipping is $24.00 in Continental US. $66.75 to AK and HI

Notes to Special Offer

—All merchandise is new and carries a full one year Apple warranty.
—Orders will be taken on a first come, first serve basis and only from March 1 through March 30. Shippment will be made the week of April 11.
—Orders will be accepted one of three ways:

FAX orders to: (408) 461-5701 -or- APPLELINK: USER.GROUPS -or- AOL: APPLE UGC

Payment by: Visa, Master Card or a cashier's check made out to User Group Connection. Send check to: User Group Connection, PO Box 67249, Scotts Valley, CA 95067-7249

User Group Member Purchase Program Order Form

First Name _____ Last Name _____ M.I. _____
Ship to address: _____
(no PO Boxes) _____
City _____ State _____ Zip _____
Day Phone# _____ Evening Phone# _____
Type of Payment: VISA # MC# _____ Exp. _____
Signature _____ Cashier's Check # _____

Qty:	Product #	Description	Price	Exten:

Subtotal: _____
(Only in the state of CA 8.5%) Sales Tax: _____
Shipping Costs: _____
Total: _____

Artists on exhibit

by Ann Aiken

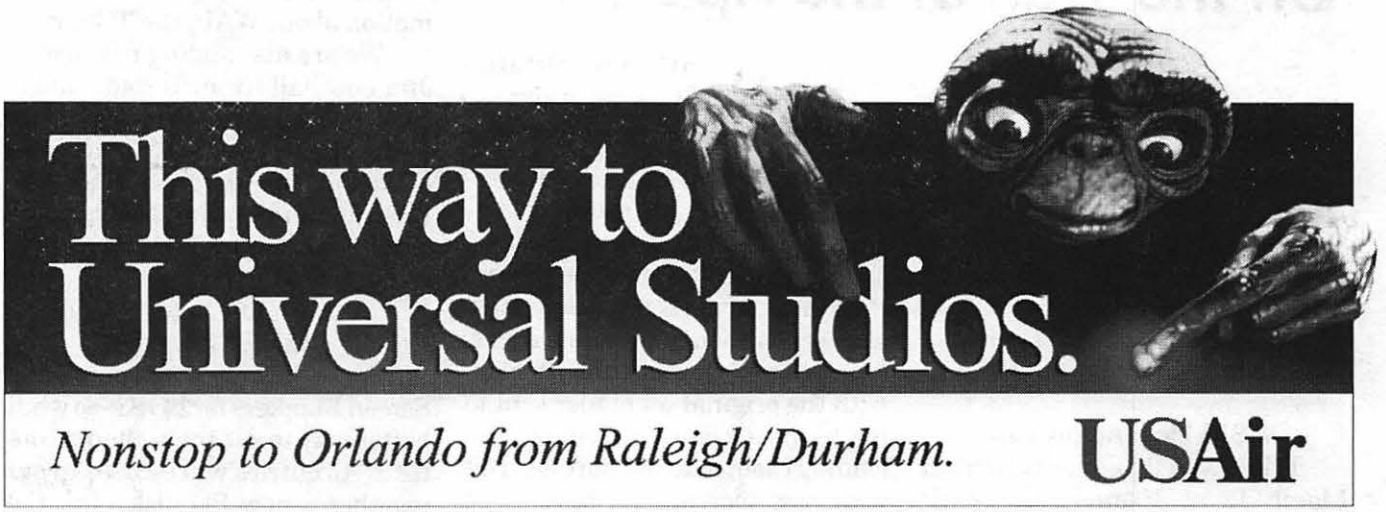
Artist Info: Mike Houle is creative director of New Planet Studios, an electronic design and illustration shop primarily serving advertising agencies and design studios, as well as a few direct clients. Before starting up New Planet, Mike was senior art director at Earle Palmer Brown for the USAir account. Prior to that, he was president and creative director of The Audy Group, a full-service ad agency working with financial, real estate and association clients.

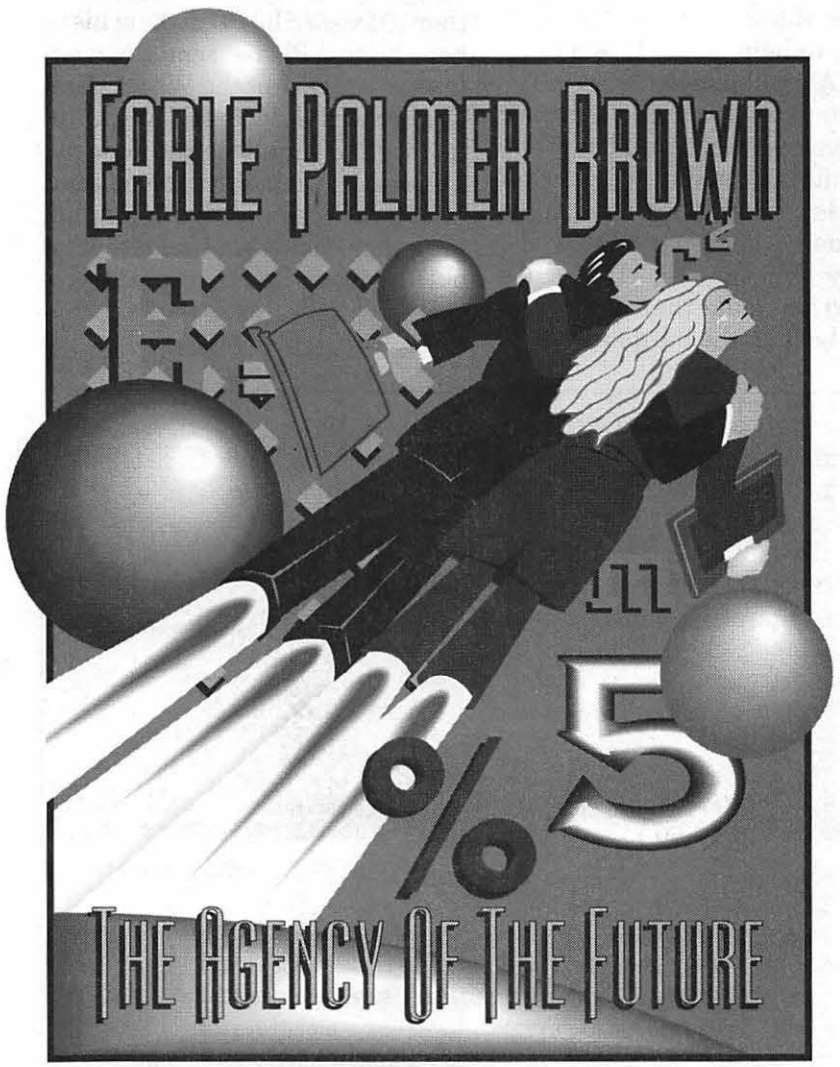
Tools: All work was created on a Macintosh FX with 20 Meg of RAM. Mike's programs of choice are Quark Xpress, Adobe Illustrator and Adobe Photoshop. Aldus Gallery Effects is another favorite when he's after a more "painterly" look. Mike uses a Microtek 1200 dpi ScanMaker IIxe for his color comps and line art scans, but still relies on traditional drum scanning for final color.

◀ Studio logo created in Adobe Illustrator.

▶ This artwork was created in Adobe Illustrator, drawn with a mouse as opposed to a digitizing tablet. The Illustrator 3.2 file was built as layers of 4-color Bezier objects, and was easily converted to black and white by opening the file in Photoshop as an EPS and saving it as a grey-scale TIFF. The Illustrator file size is only 400K.

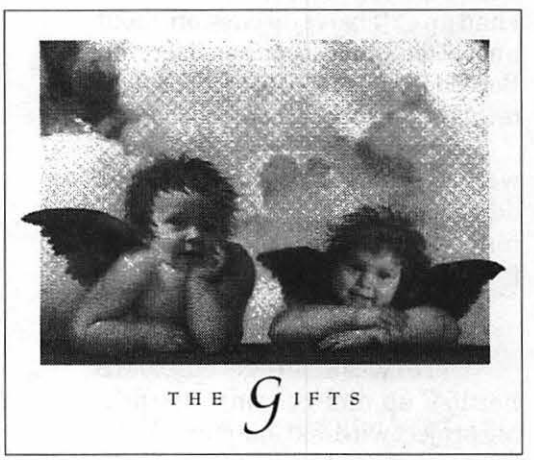
Promotional design for Earle Palmer Brown, created in Adobe Illustrator. ▶ If you're considering upgrading to Illustrator 5.0, Mike recommends checking with your service bureau first, since some pre-press shops have reported difficulties running Illustrator 5.0 blends placed within Quark documents. There *are* workarounds, but it can be a bit tricky.





▲ Billboard design for USAir. Twilight sky was created on 4x5 color film at Zebra Studios with improvised studio techniques involving projected colored gels. The E.T. character was then supplied by Universal Studios, also on 4x5 film, scanned into Photoshop and placed into the high resolution scan of the sky transparency. Final document file was created in Quark Xpress.

▼ Mike's family Christmas card this year started with a scan of the cherub detail from Raphael's Sistine Madonna. Using Adobe Photoshop, he feathered in scans of his two daughters' faces, and printed out the result on a low-res color printer for a canvas-like effect.



On the Trail of the Apple ///

by David Ottalini
Apple /// SIG Co-Chairman

How Little Things Change...

"The Apple /// is alive and well. And I believe we owners intend to keep it that way."

— Bill O'Brien
Writing in InCider - July, 1983

/// SIG Meeting on Tap

I hope you'll join us Saturday, March 12 at 10am in the WAP Office for our next SIG meeting. We'll have the latest on our sales of BOS3 - and give some serious discussion to our next project - a new telecommunications program for the ///. I've already been soliciting ideas for this —the most succinct came from ///er J. Carey McGleish on CompuServe - he says he would be happy with a /// version of the Macintosh Shareware program called ZTerm.

I use ZTerm often— its a good, basic telecommunications program that does have many of the features we've been talking about over the past few months - X, Y and Z modem protocal, page scrolling, easy user interface and much more. As I have mentioned in prior columns, I had an extensive discussion about a new Communications Manager with Bob Consorti, so he knows in general terms what we're looking for.

But at the SIG meeting, I hope we can put some concrete ideas down on paper that we can send to him when we have the funds to go forward with the project.

Good Company

Once I was able to get our 20MB hardisk up and running, my next big project with ///s Company - WAP was to clean out all the old passwords and begin the process of upgrading files. One of the problems I came across was that the Infonet BBS program does not delete messages even though it claims it has. I could take care of that problem with the original set of files sent to me by Ed Gooding by simply not loading them onto the hardisk. But with new messages, I have to go through and use the DesktopManager Disk Manager Module to help delete files as I go along. A real hastle!

In any case, we are on the move and have updated a number of the older information files to better reflect today's reality with the Apple ///. Actually, it's fairly easy to do: Simply bring the file into Applewriter, make the changes and copy it back to the hardisk.

Additional files have also been uploaded and we're working to include a complete listing of the WAP /// SIG PD library as well as information about WAP, the TCS, etc.

We are also adding new users. Jim Low hails from Toronto and is the past President of the Logic User Group there. And Ray Campbell is calling all the way from Wodonga, Australia and says he uses his Apple /// along with a Mac and other Apple computers.

BOS3 Contest

We're looking for a few good Screen Blankers for BOS3 - so what better way to get them than a contest? All entries will be used to put together a new PD disk - but the best single entry will bring its author 10 free /// SIG PD disks of his or her choice. Please send your entries to me care of the WAP Office. Deadline is July first. We'll announce the winner in the Journal, TCS and ///s Company at some point after that. These need to be original programs, folks—not rehashes of old Business Basic graphics programs.

```
0   REM BOS3 WHEEL MODULE     12/25/93 DGO
 10 ON ERR INVOKE"BGRAF.INV"
 20 PERFORM initgrafix:OFF ERR
 30 PERFORM grafixmode(%1,%1)
 40 PERFORM grafixon
 45 PERFORM fillcolor(%0)
 50 PERFORM fillport
 100    a=140:b=100:z=0
 110    ON KBD GOTO 1100
 120    maxloops%=z:z=z+1:IF z>3 THEN GOTO 1000
 130    FOR loopnum%=1 TO maxloops%
 150    FOR angle%=0 TO 360 STEP 2
 155    pc%=16*RND(1):PERFORM pencolor(%pc%)
 160    PERFORM moveto(%a,%b)
 180    x%=INT(99*COS(angle%))+a:y%=INT(90*SIN(angle%))+b
 198    PERFORM lineto(%x%,%y%)
 200    NEXT angle%
 210    NEXT loopnum%
 1000   TEXT:HOME:PERFORM FILLPORT:PERFORM GRAFIXON:GOTO 100
 1100   PERFORM RELEASE:TEXT:HOME:BYE
```

What should a Screen Blanker look like in Business Basic? Short is good - and it should end when you press any key so that you will automatically go back to the BOS3 menu. Here's an example of one module in my screen blanker file—(see page 56).

Internet Doings

We continue to make new friends while talking about our SARA on the Internet. Recently, one discussion was about the worth of holding on to our old computers. Jeff Fritz relates how he has:

...tried to save boxes, manuals and whatever I could hold on to from my ///. It's taking up valuable room in the house, but I can't help but feel that it's worth holding on to.

I remember that people did the same with Lionel trains. My folks tossed nearly all of my collection (except for the engine and several cars which I steadfastly refused to allow them to toss—I still have them). Then a few years later, Lionel trains became collectable and people moaned about what went into the garbage.

I think folks are wise to hold on to their early Apple stuff—Mac 128s or ///s. One never knows!

Apple /// File Types

Ever wonder about how the /// knows what kinds of files there are and why it will load one and not another? It's because programs create and save different types of files. Applewriter uses ASCII text files, Visicalc uses a DIF format, 3EZ Pieces can read either of those, but creates its own file types for word processor, spreadsheet and database files. Graphics files have their own special file type as do font files.

You can see what filetype any file is by booting into System Utilities and then telling it to list a disk. It will tell you automatically what type each file is on the disk.

Or in Business Basic, you can run this program:

10 Open #1, ".D1" (or whatever device you wish to open) 20 On EOF#1 GOTO 60 30 Input #1;A$ 40 Print #1 50 Goto 20 60 Close

One thing you'll notice sometimes—especially with BOS3 or Desktop Manger - is that there are files that claim to be ProDos based (for example it could show that SOS.Interp is "ProDos Reserved". ProDos is the Operating System for the Apple // that has its roots in SOS. Bob Consorti uses a GS to program for our ///, thus you'll see sometimes that our SOS files had *their* roots in ProDos.

Also over the years, programmers on the // side have taken Apple /// file types for their own uses. That really won't have any impact as you use your /// in native mode (or even with the Titan Cards in emulation). But such "stealing" has been going on for years.

If you should ever need to change file types (you may need to when downloading files from the TCS) you can use the Change Filetype module available for DesktopManager. The Communications Manager can do that for you too. There should also be a progam or two in our PD to do that. 3EZ Pieces, by the way, will read Pascal Data and Text files (though it contains all the formatting garbage). You can then save it to disk as a regular text file or EZPs WP file if you like.

Here, then, are some of the :

Common File Types

$00 = Unkown
$01 = Bad Blocks
$02 = Pascal Code
$03 = Pascal Text
$04 = ASCII Text
$05 = Pascal Data
$06 = Binary File
$07 = Font File
$08 = Foto File
$09 = Basic Program
$0B = WP File
$0C = SOS File
$0F = Directory File
$19 = /// E-Z Pieces/AppleWorks Data Base File
$1A = /// E-Z Pieces/AppleWorks Word Proc File
$1B = /// E-Z Pieces/AppleWorks Sprdsheet File

Did You Know?

Why Apple upgraded SOS to 1.3 (the last official version of SOS to come from Apple?) The primary reason was to provide SOS with the ability to properly handle Backup / // - the original hardisk backup utility (now superceded by On Three's GoBack ///). Apple also used the occasion of the 1.3 release (in 1983) to include a number of new device drivers for users.

Profile Problems

Ever get "unusual" disk errors with your Profile? The problem may well be in the flat ribbon cable you are probably using to hook the Profile up to your ///. A tip in the old Three Magazine suggests that if you get these type of errors, you should switch to a shielded 25 pin cable. They are available from most Radio Shack stores or by mail order (Computer Shopper is a good source of such suppliers).

APPLE /// RESOURCES - PRODUCTS/REPAIRS

On Three c/o Joe Consorti, 1174 Hickory Ave., Tehachapi, CA. 93561] 1-805-822-8580]

Bob Consorti, 179-B Kent St. Brookline, MA. 02148, 1-617-731-0662

Sun Remarketing—1-800-821-3221

Sleepy Hollow Corp. 1-916-668-5637 PO Box 969 Woodland, Ca. 95695

Tom Linders 1-408-741-1001 12604 Wardell Ct. Saratoga, CA. 95070

Apple Catalog 1-800-795-1000 Apple II Software Newsletter 1-800-776-2333 Apple User Group Connection 1-800-538-9696 ext. 500 Apple User Assistance 1-800-767-2775 1

Apple II Questions & Answers

by Bernie Benson & Phil Shapiro

[Many new Apple II members of the Washington Apple Pi are interested in finding out basic facts about their computers. Since novice Apple II users may not have access to the club's electronic bulletin board (The TCS), it make sense to use the WAP Journal as a forum for answering some of their questions.

This new column will attempt to answer questions that new Apple II users might have. Members of the club who are Apple II users are invited to send in their questions. Please send typed, or neatly handwritten, questions to: Phil Shapiro, 5201 Chevy Chase Parkway, NW, Washington DC 20015. (202) 686-5465. Not all questions will be able to make it to print, but a sincere attempt will be made to answer as many questions as possible.]

The following questions were asked recently by new Apple II users in the club:

Question: I have an Apple IIGS with an AppleColor composite color monitor in my classroom. In the past month the screen seems to have lost its brightness. Text from the AppleWorks word processor looks faint and anemic. When I turn up the brightness knob at the bottom of the monitor, I don't notice any improvement. Any ideas?

Answer: One possible answer to your problem is to check your control panel settings for "Display." It's possible that one of your students might have changed the text color or background color. With the AppleColor color monitor it's possible to press the oval shaped "white only" button at the bottom left of the monitor to set the monitor to a black and white display.

Setting the monitor to a black and white display eliminates the annoying "color halos" that might otherwise show up on the screen. However, if the computer's control panel setting is for colorized text, and the monitor is set for black and white display only, the text will show up faintly on the screen.

The solution? Use the left or right arrow keys to reset your control panel settings to the default settings. The default setting is indicated when the setting has a check mark to the left of it. If this is not clear, read over the Control Panel section of your Apple IIGS owner's manual. Or, better yet, watch a friend or colleague set his or her Apple IIGS control panel settings.

Question: Is it possible to copy software from 5.25 Apple II inch floppy disks to 3.5 inch Apple II floppy disks?

Answer: Yes, in certain situations it is possible to copy software 5.25 inch disks to 3.5 inch disks, assuming the software is not copy-protected. Here's the hitch, though. The Apple II System Utilities disk will not allow you to copy from one disk size to another. But the System Utilities disk will allow you to copy all the files from one disk to another.

So if you'd like to copy all the files from a 5.25 inch floppy to a 3.5 inch floppy, the first step would be to format the 3.5 inch floppy disk (assuming it's not already formatted in ProDOS). Then choose "Copy Files." Your source disk will be: Slot 6, Drive 1. Your destination disk will be: Slot 5, Drive 1. When prompted to copy "Some" or "All" files, use the right arrow key to choose "All."

Caveat: it's not recommended to copy older DOS 3.3 Apple II disks from 5.25 inch to 3.5 inch floppies. While it may be technically feasible to get such older software working on a 3.5 inch floppy disk, doing so requires the knowledge of an advanced computer user, or programmer.

How can you tell the difference between DOS 3.3 software and ProDOS software? When booting a disk with ProDOS on it, a ProDOS title screen will appear for about five seconds, before you reach the first menu of the disk. No DOS title screen appears with DOS 3.3 software.

Follow up question: Is it possible to copy word processor data files from 5.25 inch disks to 3.5 inch disks?

Follow up answer: In the case of data files, you can quite clearly copy files from 5.25 inch

floppies to 3.5 inch floppies. In many cases you might want to first convert the files to text files first. Consult your word processor's manual for procedures on how to create text (ASCII) files from word processor files.

About five full disks of 5.25 inch files will fit on one 3.5 inch floppy. If you have lots of smaller files, it's strongly recommended that you copy the files into a ProDOS subdirectory on the 3.5 inch floppy. The Apple II System Utilities disk can be used to create a ProDOS subdirectory (or folder).

Question: My daughter recently finished her graduate degree in astrophysics and no longer has any use for the Stickybear Numbers software we bought for her. Where can we trade this software for something else?

Answer: The Washington Apple Pi holds "garage sales" twice a year, in June and December. These sales are a good opportunity to sell or swap the software you no longer need. You can rent a table at these sales for about $10 to $12. And if you just have a few programs you'd like to sell, it's often possible to find someone to share a table. Please note: The club insists that you may only sell or swap software that you legally own.

Another way of selling software that your kids no longer use is to post a classified on conference 4 of the Washington Apple Pi's electronic bulletin board, the "TCS". A lot of horsetrading and swapping takes place by people who have a password to the TCS.

Finally, members of the club can place a free "for sale" or "wanted" classified at the back of the WAP Journal. Instructions on how to place classified ads are given on the same page as the ads themselves.

Notes from the Apple II Vice President

by Joan Jernigan

The snows of January have been a challenge to our schedules. We were sorry that the WAP general meeting was cancelled. Joe Wagovich was planning on demonstrating an AppleWorks template. We hoped he could move his presentation to February, but he has just found that he will be relocating to New Hampshire. We will miss him, but wish him luck in his new endeavor. February's meeting will bring us Gerry (the AppleSoft-oholoic) Wright and her File.Mkr program. I have much admiration for programmers of any kind. Gerry's persistence in 8-bit programming should be an inspiration to us all. Our Apple computers will continue to be useful machines for many years to come, and programmers like Gerry will be what will keep us going.

My job brings me in contact with all types of technology. I work with any and all types of Apples, and even some MS DOS machines. The Apple //e, //GS, and //c are the good workers that they have always been. They give the schoolteacher and student just what they need most, a vehicle for writing stories, reports, and correspondence, plus a machine for educational activities (games ;]). I always look forward to our monthly meetings so that we loyal Apple // users can share ideas, programs, tales, and solve problems.

A sign of the times? We saw a notice posted on the TCS announcing the end of PC Pursuit in April. Those of you now using PC Pursuit may want to examine your alternatives. We haven't heard any feedback on the proposal to explore alternatives to long distance phone bills while dialing the TCS. The loss of PC Pursuit may change that. If you are interested—call or write. 703-822-5137 before 8:30 pm.

See you at the February meeting!

Help Wanted—Tired of boring meetings and lackluster presentations? Want some excitement? Have seen a presentation on your favorite Apple // program/area of interest? Volunteer?

We think we have had some great meetings (although the January '94 meeting left us cold). Great meetings are dependent on several things: We can't have presentations on topics you care about unless we know what you care about. We can normally get at least two computers and a place to show them off unless the campus is closed as it was in January '94. The most important thing is to have someone to make the presentation. Sometimes we can get the real experts to volunteer and sometimes it is folks like us who are willing to learn along with the audience as we struggle thru a software package together.

We need topics for our meetings and we need volunteer presenters. Why not do both? Call or write us. Dave & Joan Jernigan, Rt 3 Box 163-A, Lovettsville, VA 22080, H (703) 822-5137 jjerniga@mwc.vak12ed.edu, W 771-6648, djernigan@hq.dla.mil

Macintosh Disketeria

by DaveWeikert

New Disks

There are nineteen new disks this month; seven Word Processing Utilities series disks, one System Enablers Collection disk and eleven Apple System Software disks. Descriptions of the files on the new and revised disks are included below.

Word Processing Utilities

I completely revised the Word Processing Utilities this month; the new collection now extends through Disk #17.07C. This series includes applications that support word processing, text editing (including program editors) and file converters to move text files between Mac, DOS and UNIX formats.

All of the files in the Word Processing Utilities series are compressed with Stuffit so you receive more value per disk. These disks are available for purchase individually at the normal Disketeria price or as a collection of seven disks for $21.

System Enablers Collection

I updated Apple's System Enablers Collection disk this month. Apple originally issued a disk this past summer and recently added a number of new Macs requiring new or revised System Enablers but has not since revised the disk. My revised disk includes the Apple installer which will install the System Enablers on the original disk. The new and revised Enablers must be manually installed; I have included instructions on how to do this.

System Enablers are used with newer Macs (LC III and later) so that Apple does not have to revise the operating system each time a new Mac is released. The Mac model specific changes to the operating system are included in each System Enabler. Tom Witte has provided a list of current System Enablers elsewhere in the journal; you may determine if you need an update for your Mac from that list.

You need all of the System Enablers if you want to create a 'universal' boot (startup) disk—that is, a hard disk that you can use to start up any Macintosh (except 128K and 512K Macs) with System 7.1. This disk is expected to be of use to anybody who needs to have a hard disk that can be used with any Mac.

Apple System Software

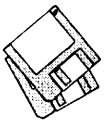
This month the Disketeria adds some new System Software that Apple just released and catches up with a number of disks that Apple released in the past few months.

First, there is version 5.0 of the **Macintosh CD-ROM Setup** disk. This upgrade enhances the performance of Macs with internal or external CD-ROMs. If you purchased the CD-ROM disk from the Disketeria since 1/24, you have this version since I was able to replace the prior version disks with the newest one as of that date.

Version 1.4.2 of the **Network Software Installer** disk enhances the speed of Apple branded Ethernet cards and built-in Ethernet in all non-AV Macs. Speedup of performance may be up to 25 percent. An updated version of AppleTalk included on the installer is recommended for all Apple Ethernet users whether using Apple cards or not. I hope to update the Network Software Installer disk as soon as I receive the new disk image from Apple. I think that will happen by 1/31 but check your version number to be sure.

An update to the **StyleWriter II Install** software is included on a four disk set. This software supports StyleWriter II printers using System Software 6.0.7 (or later) or 7 and includes the ability to print grayscale if your Mac supports color or grayscale. It also permits sharing of your printer across a network without additional software or hardware. The included Read Me file provides a number of hints for operation of this printer with specific applications. With appropriate caution, you may also use this software with the earlier model StyleWriter printer series. You must make sure not to use the feature to clean the print head since such use would damage the earlier StyleWriter printer model. This four disk set is available for $12.

The **Monitor Energy Saver 1.0** disk is also a modified disk. In addition to the Monitor Install program, I have also added the Apple LaserWriter Pro Energy Star software. The Monitor Energy Saver is a control panel that permits you to select a Macintosh computer inactivity time after which the monitor is placed into



low power mode. The LaserWriter Pro Energy Star software applies only to the LaserWriter Pro 600 and 630 printers and allows you to set the sleep mode.

Other Apple System Software disks include **AppleShare Tune-Up 4.0.1** (1.44M), **At Ease 2.0.1 Updater** (800K), **LW Pro Font Tune-Up** (800K) and **IIe Installer Disk** (1.44M). All are described below.

About Shareware Requests

Please honor authors' requests for shareware fees if you decide to add shareware programs to your software library. Shareware is a valuable distribution channel for low cost software and it is important to encourage authors to use this channel by paying them for their efforts.

Disk #17.01C — WP 1
Word Processing Utilities

Unstuffit.sea: By Raymond Lau and Aladdin Systems, Inc. Decompress (unstuff) archive files (including those on this disk) created with Stuffit Classic, Stuffit Lite and Stuffit Deluxe programs.

Add Returns & Spaces.sit: By Kevin Kreigh. Adds line returns and converts tabs to spaces for text pasted into the window; the maximum number of characters per line and number of spaces per tab are user specified. ***Shareware – $15.***

Add/Strip 3.0.3 *f*.sit: By John Wind. Adds or strips line feeds and/or carriage returns from text files; that is it converts PC format files to Mac format and vice versa. It also has a feature to strip carriage returns from all lines not followed by two carriage returns thus creating paragraphs. **Add/Strip™ 3.0.3 Docs** is in TeachText format. **Edit Add/Strip 3.0.3** permits you to personalize your copy of Add/Strip. ***Shareware – $25.***

Alpha 5.5 *f*.sit: By Pete Keleher. A powerful, multi-purpose programmer and LaTeX editor that allows any program- or user-defined function to be bound to any keystroke or placed into user defined menus. This is a complex editor for experienced programmers and others with a technical bent and is scriptable with Tcl. **README** and other documentation is in text format. ***Shareware – $25.***

Anarcho 1.3 *f*.sit: By Michael Love. A small text editor useful for formatting text files downloaded from other computers. Includes a case sensitive Find function, character insert and filter which strips non-ASCII printable characters from all text or selected text. **-> Anarcho** converts your text file to a double clickable Anarcho document. **About -> Anarcho, Choose ME** and **READ ME FIRST!** are text format.

Argus Note 1.0.1 demo *f*.sit: By Paul Yasi. A utility for taking notes; topics and subtopics are placed on the left side and the body text is placed on the right side of a scrolling window. This demo cannot save notes. ***Shareware – $18.***

Disk #17.02C — WP 2
Word Processing Utilities

Unstuffit.sea: See description on Disk #17.01C.

ASLEdit+1.0/a35 *f*.sit: By Hiroo Yamada. A small text editor in both application and DA format. Features include up to 32 open files, files may be any size (within memory limits) and extensive search and replace functionality including multi-file search, and 'grep' search and replace. **README** is in text format.

Azile.sit: By Tom Bender. A simple editor with a novel twist; you may place it into a mode that simulates an interview with a real jerk. The editor may be used without the interview feature. Functions include specifying font, style and size of selected text, editing functions such as search and replace and special functions such as smart quotes, line end modification, etc.

BBEdit Lite 2.3.1 *f*.sit: By Rich Siegel. A full featured text and programming editor with powerful but complex pattern ('grep') searching and matching. Additional functions include entabbing and detabbing, wrapping and unwrapping, removal of gremlin characters and a powerful multi-file capability. Extensible with BBEdit Extensions. **About BBEdit Lite** is in text format.

Cat 2.0 TextMerge *f*.sit: By Eric Shelden. Combine any number of specified files within a selected folder into a single new text document. This program only works on plain 'TEXT' documents. **READ_ME_FIRST!** is in TeachText format. ***Shareware – $12.***

Clement's Toolbar 5.1.1 *f*.sit: A Microsoft Word 5.1a modified toolbar that displays 30 buttons when displayed vertically. Requires 13"/14" monitor with 640X480 resolution.

Color toolbar *f*.sit: By Matt Martinit. A colorized version of the Microsoft Word 5.1a toolbar. **Color toolbar desc** is in Word format.

Columnbo 2.1 *f*.sit: By David M. Craig. Easily format plain text files into columns of information to permit reading them into them spreadsheet and database programs such as Excel and Panorama. Just click in the ruler to drag column markers where you want them. **Columnbo info (Word)** is in Word format. ***Shareware – $15.***

DataMan 2.0.2 *f*.sit: By Andrew Thomas-Cramer. A powerful general purpose scriptable utility for simplifying repetitive text-editing tasks. Includes a capability to use references to other text including contents of the clipboard. **READ ME** and **READ ME LITE** are in text format. Requires System 6.0.4 or later. ***Shareware – $35.***

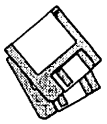
Disk #17.03C — WP 3
Word Processing Utilities

Unstuffit.sea: See description on Disk #17.01C.

Deconstructor 1.1 *f*.sit: By Lloyd Burchill. A text manipulation tool that reads text files, gets an idea of how they are structured, and then produces new text resembling, but not exactly like, the original. **Deconstructor Read Me** is in text format.

Dictionary Helper *f*.sit: By Larry Pina; expanded by Arthur Naiman and others. A text file of commonly used words normally not found in the dictionaries of spelling checkers. **Dictionary helper docs (text)** tells how to add them to your spelling checker.

DOCMaker 3.96 *f*.sit: By Mark S. Wall,



Green Mountain Software. This program allows you to create stand alone documents that do not need a word processor to open them. You may include different fonts, sizes and styles and graphics and print from the document. Frequently used to document shareware. **DOCMaker Shareware Doc** is double clickable. ***Shareware – $25 with disk.***

Easy View 2.32 f.sit: By M. Akif Eyler. An application for intelligent browsing of collections of structured text files, large or small. It allows very fast access by recognizing the internal structure. **Easy View Introduction** and **Easy View Notes** are in text format. **Easy View - Read Me** is in Easy View format.

Edit II 2.1.4 f.sit: By Kenneth Seah. This relatively powerful text editor is designed as a replacement for the Consulair Edit text editor. It has font and size selection. It supports program editing with auto-indenting, UNIX 'grep' pattern matching search and replace functions, a Creator Names menu and other features. **Edit II Doc** and **Edit II ReadMe** are in text format. Requires System Software 4.1 and above, is MultiFinder-friendly and is also 32-bit clean and runs under System 7. ***Shareware – $15.***

Excalibur 1.3 f.sit: By Robert Gotshall and Rick Zaccone. A spell checker for LaTeX documents that will also work well with plain TeX files. **Excalibur-manual.tex** and **Excalibur-README** are in text format. Requires System 6.0.4 or later.

Disk #17.04C — WP 4 Word Processing Utilities

Unstuffit.sea: See description on Disk #17.01C.

Drop Text 1.2 f.sit: By Todd C. Wilson. A drag and drop utility to convert text files between Mac (or Apple II), MS-DOS and UNIX formats. Use the Option key to change the conversion options. **Drop Text - Read Me** is in text format.

EndNote Plus Demo 1.3 f.sit: By Niles & Associates, Inc. A combination database manager and bibliography maker. The database manager stores, manages, and searches for bibliographic references in your private reference library. The bibliography maker builds lists of cited works automatically and can format references to paste into footnotes as well. Demo is limited in number of references and citations. **EndNote Plus Demo Manual** is in Word format. Requires System 4.2 or later.

File Decon 1.3 f.sit: By Joe Pillera. Removes unprintable characters, such as control characters, from text files. **bad text file** is a sample file with unprintable characters that you may practice on (make a copy first).

Macify 2.8 f.sit: By Eric Celeste. Converts a plain text document into a useful one by removing hard carriage returns, lower 32 ASCII characters (all the "control" characters) and generally cleaning up things. It also lets you modify the appearance of a document by using ligatures (the little "fl" and "fi" items seen so often in book type) and inserting proper "open" and "close" quote marks. This is a most useful program and performs a real service if you do much file transferring. **About Macify Stack** is the users manual in HyperCard format. ***Shareware – $10.***

MacTranslit 1.2 f.sit: By Mikhail Fridberg. A text utility that allows you to transliterate text written with the use of different character sets as, for example, between Russian Apple Standard Character Set, KOI-8 Russian Standard Bi-lingual character set and Cassady & Greene Glasnost Unilingual Russian Character Set. **MacTranslit User Manual** is in Word format. ***Shareware – $25.***

MicroEmacs 3.0 f.sit: By Daniel M. Lawrence, Earle R. Horton and others. Based on MicroEMACS version 3.8. A powerful program editor. It has an extensive set of function key and command key based functions and a macro recording and playback capability. **ReadMe** and other documents are in text format.

Disk #17.05C — WP 5 Word Processing Utilities

Unstuffit.sea: See description on Disk #17.01C.

miniWRITER 1.73 f.sit: By David Dunham. A Desk Accessory based text editor with features such as global font face and style selection and a find command. System 7 and suitcase versions are included. **Read Me First (mWRT 1.73)** is in text format. ***Shareware – $12.***

Misebirakasu 2.0 f.sit: By Christopher K. Thomas. A double clickable documentation system for displaying and accessing graphic- or text-based information of any size, including pictures displayed within text. All documentation is in double clickable Misebirakasu format.

MS Word Stuff 1 f.sit: **Fraction Table** is a file of common fractions sized for 12 point type which may be easily modified to 10 point. Saves all that work with superscripting and reduced point sizes. **NUMBERS TO WORDS** is a table of numbers with corresponding all capital text for numbers from 1 to 999. **User 2** is a supplemental dictionary containing abbreviations of organizations, names of people and places and other words not in the internal Word dictionary.

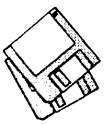
Museum v0.2.sit: By Rustle Laidman. Create your own Read Me documents and Slideshows just by pasting Pictures, Text and Sound from the Clipboard or Scrapbook. Supports background colors and fonts, sizes and styles as well as scrolling text. ***Shareware – $5, $15 or $30 depending on capability desired.***

NewsEdit 1.0 f.sit: By Erik Schwiebert. A simple editor that lets you manipulate text files in any single font face and point size you wish. **About NewsEdit** is in text format. For System 7.0 and later.

Note....sit: By Dan Walkowski. A small application that replicates a 3M Corporation PostIt Note. Make as many copies as necessary, add your own text and leave them on your desktop, just as you would use real PostIt.

Parachroma 1.0 f.sit: By Kristofer H. Cruz. Allows you to change the color of the paragraph markers in Microsoft Word 5.0. **Parachroma Instructions** is in Word format. ***Shareware – $7.***

paradigma 2.0.sit: By Espen Asrseth. Create a filter of up to 256 find/replace strings (rules) and convert any text document. Rules may be up to 10 characters each and you may specify ASCII character number replacement. You may save sets of filters and create



ParaDroids which are specific character sets.

Pleading Paper Word 5.0.sit: A Word document formatted as a legal pleading document. Save this in template form after you make the changes necessary to tailor it to your practice.

Quill 2.1a *f*.sit: By Sergio Villone. A simple text and PICT reader in both application and DA formats. **info.quill** is in Quill format.

Reader 1.0.9 *f*.sit: By Kevin Parichan. Lets you read a variety of documents including CD, GIF, Movie, Paint, PICT, Sound, TeachText and Text. Reader FD's contains the drivers which need to be in the System folder, **FD Docs** is in HyperCard format. **User Doc** is in TeachText format.

Stripper *f*.sit: By Scott Berfield. Strips characters that usually give non-Mac systems fits such as ®, ©, ™, “, ”, etc. and replaces them with (r), (c), (tm), ", etc. **Stripper - read me** is in text format.

TeachText 7.2.sit: By Apple Computer, Inc. This version of Apple's text processor includes the ability to 'speak' selected text if Macintalk is installed in your system.

TeachTextMaker 1.1 *f*.sit: By Karl Pottie. Create TeachText documents with embedded graphics in the text using this utility and your favorite Word Processor and screen capture, paint or drawing program. **TeachTextMaker doc** is in TeachText format. ***Shareware – $15.***

Tex-Edit 1.8.5: By Tom Bender. A simple but capable editor. Functions include specifying font, style and size of selected text, editing functions such as search and replace. Special functions include smart quotes, line end modification, case change and character, word and line count. If you have Macintalk in your system folder and you have turned speech on, the editor can "read" the document or selected text. **Tex-Edit.Doc** is in text format. Requires System 6.0.7 or later.

Text Retriever 1.1 *f*.sit: By William E. O'Malley. Retrieve text from damaged word processing files and orphan files (files whose applications are not available to the user). **TEXT RETRIEVER INFO** is in text format. ***Shareware – $5.***

TEXT<->ttro 1.0.1 *f*.sit: By Laurence Harris. A drag and drop utility that converts TeachText read-only documents into normal TeachText files and vice versa. **TEXT<->ttro Read Me** is in TeachText format. ***Shareware – whatever it's worth.***

TextFilter 2.3.sit: By Kaz Matsuk. A utility to remove unwanted returns, spaces and lines from text documents. You may also change paragraph formats to first line indent, hanging indent and block and may modify line width. You may simultaneously remove lines that start with up to four different text strings and lines that contain up to four different text strings.

The BlackBoard™ v1.0.sit: By Rustle Laidman. Create your own Read Me documents and Slideshows just by pasting Pictures and Text and from the Clipboard or Scrapbook. Supports scrolling text. Appears to be a predecessor to Museum. ***Shareware – $5.***

Disk #17.06C — WP 6 Word Processing Utilities

Unstuffit.sea: See description on Disk #17.01C.

TIFF Art *f*.sit: **Header 1.- 2.- TIFF** and **Window 1.- 3.- TIFF** are filigree that can be placed in PageMaker and other documents. **"From Page One Publications"** is in double clickable application format. ***Shareware – $1 each.***

TransIt 1.0 *f*.sit: By Tim Endres. A drag and drop utility that translates text files from one format to another; for example from UNIX or DOS to Mac. Includes built-in removal of high bit, non-printing ASCII and removing or exchanging specified characters. Scriptable using Tcl, a scripting language. Warning, files are translated in place; make a backup copy and convert the backup to forestall loss of data. **TransIt Manual** is in Word format; **tcl.man** is in text format.

Unity 3.1.1 *f*.sit: By Michael O'Rourke. A text file concatenator that reads text files that you choose and puts them all into one file, also of your choosing. **Unity docs** is in text format. ***Shareware – $5.***

unUNIX 1.1 *f*.sit: By Marc Matteo. UNIX, MS DOS and many other computer Operating System file formats use a new line character to denote the end of a line while the Mac uses a carriage return. This utility changes new line characters into carriage returns. **about unUNIX 1.1** is in text format. System 6 and 7 compatible.

Word 5.1 patches.sit: By Microsoft Corp. MW0711-5.1a patcher *f* includes the patch to upgrade Word 5.1 to version 5.1a. GC0803- MacWrite II Converter *f* includes an updated MacWrite II converter.

UpWord 1.2 *f*.sit: By Jeffrey Turnbull. A shareware word processor (not a text editor). It has features similar as the basic capabilities in Word 4.0 (short menus preference). Just the program for basic home and business correspondence. **UpWord™ Introduction, UpWord™ Manual** and **UpWord™ Registration Form** are in UpWord format. ***Shareware – $35.***

WordRef 1.4.1 *f*.sit: By Mark Nodine. Allows Microsoft Word users to define and refer to cross-references and to automatically generate citations and bibliographies. Designed to accommodate virtually any bibliographic style or cross-referencing need. **WordRef User's Guide** is in Word format. **WordRef Stack** is provided for creating the bibliography database in HyperCard. ***Shareware – $25.***

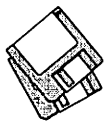
XEd 1.2 *f*.sit: By Raymond Marasa. A powerful text editor, file filter, and conversion tool for moving files between Mac and DOS formats. Includes the powerful 'grep' search and replace routines. **XEd docs** is in text format. ***Shareware – $10.***

Disk #17.07C — WP 7 Word Processing Utilities

Unstuffit.sea: See description on Disk #17.01C.

Helical 2.1 *f*.sit: An application designed for taking and reviewing notes. It also handles outlines, wire diagrams and calculations with named variables. **Helical Manual** is in text format.

LinksWare 3.0.1 *f* NR.sit: By Tracy Valleau. Create documents with hypertext and graphic links using your own word processor and graphic programs. **LinksWare™ Docs** is in double clickable DOCMaker format.



Demo limits number of links. For System 7.0 and later.

Apple System Software System Enablers Collection

Read Me First.text: By Dave Weikert. Describes the content and installation of the System Enabler files on this disk.

New Enablers f: Includes **PowerBook Duo Enabler, System Enabler 065, System Enabler 088, System Enabler 131, System Enabler 403, System Enabler 404** and **System Enablers.txt.**

From the original Apple Disk: **Installer,** Apple Menu Items Folder, Control Panels Folder, Extensions Folder, **Install FDHD, System Enabler 003, System Enabler 040, System Enabler 001, System Enabler 111, System Enabler 121, System Enabler 401, System Enabler 201, 32-Bit System Enabler** and **Enablers Collection Read Me.**

Apple System Software Mac CD-ROM Setup 5.0

This disk supports Apple's CD-ROM drives including the CD-300.

AppleCD 300 Plus Read Me, Installer 3.4.3, **Installer Script** 5.0 and **TeachText** 7.1.

CD-ROM Software: **Apple CD-ROM** 5.0, **Apple Photo Access** 2.0, **AppleCD Audio Player** 2.0, **Audio CD Access** 5.0, **Foreign File Access** 5.0, **High Sierra File Access** 5.0 and **ISO 9660 File Access** 5.0.

Apple System Software Network Software Installer 1.4.2

Fixes bugs and improves performance of networked Macs, especially on Ethernets.

AppleTalk Files: **A/Rose, AppleTalk, Archive.as, EtherTalk Phase 2, EtherTalk Prep, Network, Network Resources, Responder, Token Ring, TokenTalk Phase 2** and **TokenTalk Prep.**

Installer, Network Software Script, TeachText 1.2 and **ReadMe.**

Apple System Software StyleWriter II Install

This set of four 800K disks installs the latest software supporting the Apple StyleWriter II. It adds grayscale printing and permits you to share the StyleWriter across a network without added hardware or software.

StyleWriter Install disk includes the following:

Font/DA Mover 4.1, **Installer** 3.4.3, **Installer Script** 1.2, **ReadMe** and **TeachText** 1.2.

Printer Software: **32-Bit QuickDraw** 1.2, **Backgrounder** 1.3, **Chooser** 7.3, **Chooser (6.0.8)** 3.7 and **StyleWriter** II 1.2.

Disk 2 Printer Software includes the following:

Printer Software 2: **AppleTalk** 57.0.3, **Network Resources** 1.2, **Printer Share** 1.1, **PrintMonitor** 7.0.1, **Responder** 2.0.3, **System 7 Tuner** 1.1.1 and **TrueType™** 1.0.

TrueType Fonts 2.

Disk 3 Printer Software includes the following:

TrueType Fonts 3.

Disk 4 Printer Software includes the following:

TrueType Fonts 4.

Apple System Software AppleShare Tune-Up 4.0.1

This disk updates AppleShare 4.0 to 4.0.1. The update is appropriate for any 68040 based Mac running AppleShare 4.0 except the Quadra 660AV and 840AV. This disk will not update AppleShare 2.0.X or AppleShare 3.0.X to version 4.0.1. In additions to udating AppleShare, the Tune-Up updates the Apple Shared Library Manager to version 1.1, The License Manager to 1.1, the Apple Internet Router to 3.0.1 and the Network Software Installer to 1.4.

Apple System Software At Ease 2.0.1 Updater

At Ease (WG) Updater: An installer for updating At Ease 2.0.1 for Workgroups. The update fixes some bugs and provides enhances operation when the At Ease disk is also a server. **Read Me** is in TeachText format.

Apple System Software LW Pro Font Tune-Up

This disk contains a new version of the Courier font optimized for printing on 600 dot per inch LaserWriter Pro printers. If you do not have a hard disk attached to your LaserWriter Pro, you will have to download the font to the printer each time that you power up the printer.

LaserWriter Utility 7.4.1 is used to download the included **Courier** font to the printer memory or hard disk. **LW Pro Font Tune-Up Read Me** is in TeachText format.

Apple System Software IIe Installer Disk

This disk includes all of the current files necessary to support the Apple IIe card for Mac computers.

Apple HD SC Setup 3.1, **BASIC.SYSTEM, IIe Script** 2.2.1, **IIe Startup** 2.2.1, **Installer** 3.2, **PRODOS** and **TeachText** 1.2. **Read Me** is in TeachText format.

System Folder includes **Color** 3.3.2, **Finder** 6.1.8, **General** 3.3.3, **Keyboard** 3.3.1, **Monitors** 4.3, **Mouse** 3.3.1, **ProDOS File System** 1.2.1, **Startup Device** 3.3.1 and **System** 6.0.8.

Recommended New Books

(continued from page 52)

Gilster, Paul A. **The Internet Navigator: A Guide to Network Exploration for the Individual Dial-Up User.** (1993). John Wiley & Sons. ISBN 0-471-59782-1. $24.95

Hardie, Edward T.L. & Vivian Neou. **Internet: Mailing Lists** 1993. (1993) SRI Internet Information Series PTR Prentice Hall ISBN 0-13-327941-3. $26.00

On Internet: An International Title and Subject Guide to Electronic Journals, Newsletters, Books, and Discussion Lists on the Internet. (1993). Meckler Publishing. ISBN 0-88736-929-4. $45.00

Tolhurst, William et al. (1994) **Using the Internet**, Special Edition. Indianapolis, IN: Que. ISBN: 1-56529-353-3. $39.95 ■

Macintosh Library Order Form

Pi Library
___ 0.01 - C 01 Catalog
___ 0.02 - C 02 Sampler
___ 0.03 - C 03 MemDir

Anti-Virus Utilities
___ 1.01G - AV 1
___ 1.02K - AV 2
___ 1.03K - AV 3

Desk Accessories
___ 14 disk set; $42
___ 2.01D - DAs 1
___ 2.02D - DAs 2
___ 2.03D - DAs 3
___ 2.04D - DAs 4
___ 2.05D - DAs 5
___ 2.06D - DAs 6
___ 2.07D - DAs 7
___ 2.08D - DAs 8
___ 2.09D - DAs 9
___ 2.10D - DAs 10
___ 2.11D - DAs 11
___ 2.12D - DAs 12
___ 2.13D - DAs 13
___ 2.14D - DAs 14

F Keys (Function Keys)
___ 4.01A - FKs 1
___ 4.02A - FKs 2

ImageWriter Fonts
___ 5.01A - IW 1
___ 5.02A - IW 2
___ 5.03A - IW 3
___ 5.04A - IW 4

PostScript Fonts
___ 6.01B - PS 1
___ 6.02B - PS 2
___ 6.03B - PS 3
___ 6.04B - PS 4
___ 6.05B - PS 5
___ 6.06B - PS 6
___ 6.07B - PS 7
___ 6.08B - PS 8
___ 6.09B - PS 9
___ 6.10B - PS 10
___ 6.11B - PS 11
___ 6.12B - PS 12
___ 6.13B - PS 13
___ 6.14B - PS 14
___ 6.15B - PS 15
___ 6.16B - PS 16
___ 6.17B - PS 17
___ 6.18B - PS 18
___ 6.19B - PS 19

TrueType Fonts
___ 7.01A -TT 1
___ 7.02A -TT 2
___ 7.03A -TT 3
___ 7.04A -TT 4
___ 7.05A -TT 5
___ 7.06A -TT 6
___ 7.07A -TT 7
___ 7.08A -TT 8
___ 7.09A -TT 9
___ 7.10A -TT 10
___ 7.11A -TT 11
___ 7.12A -TT 12
___ 7.13A -TT 13

Graphics
___ 6 disk set; $18
___ 8.01 - G 1
___ 8.02 - G 2
___ 8.03 - G 3
___ 8.04 - G 4
___ 8.05 - G 5
___ 8.06 - G 6

INITs & cdevs
___ 27 disk set; $81
___ 9.01B - I/C 1
___ 9.02B - I/C 2
___ 9.03B - I/C 3
___ 9.04B - I/C 4
___ 9.05B - I/C 5
___ 9.06B - I/C 6
___ 9.07B - I/C 7
___ 9.08B - I/C 8
___ 9.09B - I/C 9
___ 9.10B - I/C 10
___ 9.11B - I/C 11
___ 9.12B - I/C 12
___ 9.13B - I/C 13
___ 9.14B - I/C 14
___ 9.15B - I/C 15
___ 9.16B - I/C 16
___ 9.17B - I/C 17
___ 9.18B - I/C 18
___ 9.19B - I/C 19
___ 9.20B - I/C 20
___ 9.21B - I/C 21
___ 9.22B - I/C 22
___ 9.23B - I/C 23
___ 9.24B - I/C 24
___ 9.25B - I/C 25
___ 9.26B - I/C 26
___ 9.27B - I/C 27

Miscellaneous
___ 10.01A - M 1
___ 10.02A - M 2

Paintings (MacPnt)
___ 5 disk set; $15
___ 11.01 - P 1
___ 11.02 - P 2
___ 11.03 - P 3
___ 11.04 - P 4
___ 11.05 - P 5

Digitized Sounds
___ 9 disk set; $27
___ 12.01B - S 1
___ 12.02B - S 2
___ 12.03B - S 3
___ 12.04B - S 4
___ 12.05B - S 5
___ 12.06B - S 6
___ 12.07B - S 7
___ 12.08B - S 8
___ 12.09B - S 9

Telecommunications
___ 13.01B - T 1
___ 13.02B - T 2
___ 13.03B - T 3

Programmer/Hacker
___ 14.01A - PH 1
___ 14.02A - PH 2

Miscellaneous Utils
___ 15.01C - MU 1
___ 15.02C - MU 2
___ 15.03C - MU 3
___ 15.04C - MU 4
___ 15.05C - MU 5
___ 15.06C - MU 6
___ 15.07C - MU 7
___ 15.08C - MU 8
___ 15.09C - MU 9
___ 15.10C - MU 10
___ 15.11C - MU 11
___ 15.12C - MU 12
___ 15.13C - MU 13
___ 15.14C - MU 14
___ 15.15C - MU 15

System Utilities
___ 16.01E - SU 1
___ 16.02E - SU 2
___ 16.03E - SU 3
___ 16.04E - SU 4
___ 16.05E - SU 5
___ 16.06E - SU 6
___ 16.07E - SU 7
___ 16.08E - SU 8
___ 16.09E - SU 9
___ 16.10E - SU 10
___ 16.11E - SU 11
___ 16.12E - SU 12
___ 16.13E - SU 13
___ 16.14E - SU 14
___ 16.15E - SU 15

Word Processing Utils
___ 7 disk set; $21
___ 17.01C - WP 1
___ 17.02C - WP 2
___ 17.03C - WP 3
___ 17.04C - WP 4
___ 17.05C - WP 5
___ 17.06C - WP 6
___ 17.07C - WP 7

Adobe Screen Fonts
___ 18.01A - AF 1
___ 18.02A - AF 2

Fun & Games Series
___ 22.01 - F/G 1
___ 22.02 - F/G 2
___ 22.03 - F/G 3
___ 22.04 - F/G 4
___ 22.05 - F/G 5
___ 22.06 - F/G 6
___ 22.07 - F/G 7
___ 22.08 - F/G 8
___ 22.09 - F/G 9
___ 22.10 - F/G 10

Online Bible
___ 24 disk set; $50
___ Set 1, 6 disks; $15
___ Set 2, 7 disks; $15
___ Set 3, 6 disks; $15
___ Set 4, 5 disks; $15

Disketeria ValuPaks (†)
___ Best of Pi, 15 disks; $30
___ PS Fonts 1, 14 disks; $30
___ PS Fonts 2, 5 disks; $10
___ TT Fonts 1, 9 disks; $20
___ TT Fonts 2, 4 disks; $10
___ Calc/Clk Utils 1, 5 disks; $15
___ Pers Mgt Utils 2, 5 disks; $15
___ Misc Utils 3, 5 disks; $15
___ Sys Utils 1, 5 disks; $15
___ Sys Utils 2, 5 disks; $15
___ Sys Utils 3, 5 disks; $15
___ Fun/Games 1, 10 disks; $25
___ LW 8.1.1 & PPDs - 4 disks; $10

Apple System Software
___ 6.0.3 - 4 disks; $12
___ 6.0.5 - 4 disks; $12
___ 6.0.7 - 4 disks; $12
___ 6.0.8 - 4 disks; $12
___ 7.0 - 8 disks; $20
___ 7.0.1 - 6 disks; $20 (‡)
___ 7/7.0.1 Tune-Up $3
___ 7.1 Sys Updater 2.0.1 $3 (‡)
___ Sys Util Update 1.0.1 $3 (‡)
___ QuickTime 1.6.1; $3
___ LaserWrtr 8.1.1 - $3 (‡)
___ LaserWrtr 8.0; $6
___ Network Installer $3
___ TrueType; $6
___ Basic Con Set 1.1.1; $3
___ Express Modem; $3 (‡)
___ CD ROM Setup; $3
___ Comm 1 (CTB); $3
___ LW PPDs - 3 disks; $9
___ AShare 4 Tune-Up; $3
___ AtEase Updater 2.01 $3
___ StyleWriter II; $12
___ IIe Installer; $3
___ Mon Energy Star; $3
___ LW Pro Tune-Up; $3

HyperCard Update
___ 1.2.5 - 3 disk set; $9
___ 2.0 - 5 disk set; $15

(†) all files compressed (except LW 8.1.1 & PPDs)
(‡) on 1.44 Meg diskette

HyperCard Upgrade requires HyperCard proof of purchase; any of original disk, first page of manual, receipt or previous HyperCard Upgrade disk.

Mail this form with your check to :
Disk Library
Washington Apple Pi
7910 Woodmont Avenue, Suite 910
Bethesda, Maryland 20814

Number of Disks	Member Price @	Extended
Singles		
__ 4 or less @	$4.00=	_____
__ 5 or more @	$3.50=	_____
__ Sets (marked above) + postage $1.00/disk, maximum $5.00.	$ (above)	_____
__ Disk Catalogs + $1.50 postage	$4.50	_____
TOTAL AMOUNT DUE		$ _____

Are you a member of Washington Apple Pi, Ltd.? Y/N __ If Yes, Member Number _____.
All payments must be in U.S. funds drawn against U.S. banking institutions.
Non-members add $3.00 per disk to listed prices.

Name

Box Number, Apartment, Suite, etc.

Street Address

City State Zip Code

Day Telephone Evening Telephone

Apple Disk Library

by John B. Ruffatto

Welcome to the Apple Disk Library section of the Journal, as you can see there is always room for improvement. In this issue there are now Disk Order Forms for the Apple II, Apple IIGS, and the Apple III. The librarians would like to receive comments pro and con to the new set-up versus the old listing format. Direct your comments to me via the Washington Apple Pi office and I will try to respond them.

I would also desire your comments in regard to Public Domain software you would like to see included in our Disk Libraries. Since we no longer publish the titles of the disks in the library, it is advisable to order the Disk Library Catalog Disks for the machine you are using.

Each month we will endeavor to provide information on new additions to the libraries or feature disks currently in the libraries. Some of the disks in the Apple Disk libraries contain SHAREWARE. If you use any Shareware program, please send the shareware fee to the author. By submitting the fee we encourage the author(s) to develop more software.

Special Note: All Apple II, Apple III, and Apple IIgs Catalog Disks may be exchanged for most current edition of the Disk Catalog series— free of charge - if exchanged at the office. For exchanges by mail, please be certain to include your old disks and $1.00 per disk to cover shipping and handling.

Thank you.

Best of Music - Disk 1

The software on this disk have been compressed with the program "GSHK". This allowed me to place more software on this disk than would normally fit on a 800k floppy disk. To use the software on this disk, you must first un-compress the software with GSHK. The application GSHK can be found on the "Best of Telecommunications" Disk.

In the/Music.01/Music.Apps/ folder:
Emp.Beta1.SHK:

This small program allows you to load standard ASIF instrument files (most common with Soundsmith) and then play them on your GS keyboard by typing on the different rows of keys. Nice for those who -don't- own MIDI keyboards since you can play as you would a piano, unlike other programs which force you to click notes with a mouse.

It should be noted that this program is not at all complete, so many functions will not operate. The basic functions that work are "Load ASIF", "Erase ASIF (from DOC ram)", and "Play ASIF (brings up keyboard)". Also note commands are written in French and this version runs under ProDOS 8. A future version of this program with soon be available called "TrackIt" which will support playback of modules (ie. ROL, MOD, MED), SHR graphic interface, and an editor which will allow notes to be entered by hitting keys on the GS keyboard for creating modules!

MIDImonitor.SHK:

This IIGS desk accessory monitors incoming MIDI data in the GS modem port and will graphically display the key on and key off MIDI commands. In order to use this NDA, you must have tool 32 installed in *:system:tools and your particular midi driver installed in *:system:drivers. ShareWare, $10 from Derrick Taubert. Payment buys advanced version.

MODZap0.81.SHK:

This disk includes Ian Schmidt's MOD song player application ModZap v0.81a. It does all of the NoiseTracker effects, including pitchbend (which NTGS doesn't do.) It also plays a lot of the MODs that NTGS doesn't, such as Red Sector and Echo. Note that this program will only play the MOD files on NoiseTracker and will hang if you select one of the other song file types on the NoiseTracker disk.

MODZap is the ultimate in MOD players for the Apple IIgs and offers full support for 15 and 31 instrument MOD files used by the Amiga programs NoiseTracker, ProTracker, and StarTrekker. It plays these files on any speed Apple IIgs using pitchbend and other special effects programs like NoiseTracker IIgs just don't give you. It REQUIRES Apple IIgs System 6.0 or later. Read the docs, have fun, and CRANK IT UP!

This version has a jukebox feature like Tim Meekins' NoiseTraker, but offers more variations for playing MOD files, though it doesn't play all the kinds of music files NoiseTracker can. MODZap v0.81a allows playing with the various instruments via an instrument list and a simulated keyboard. soniqTRACKER v0.63 has better stereo effects and (in my opinion) better graphics but provides no information about a MOD file's instruments.

Music.Mod.SHK:

Music Modifier is a utility that allows converting between various Music file formats. MIDI to Diversitune, MIDI to SynthLab, etc. Read the accompanying documentation. This version (2.6 P.D.) is placed in the public domain. By Mark Jackson.

MusiX.SHK:

MusiX Help by Jean Pierre Charpentier. Freeware.

synthLAB:

- Tempo display doesn't reflect tempo variations coded in sequence!
- Tempo display is limited to 99. MF2SL takes care of that.
- Bar display is always calculated to half-note so you must arrange midi score to half-note before convert to synthLAB.

midi:
- MusiX is based on 0.06 version of Midi file (March 1, 1988).
- If you find a more recent version please send me a disk or paper list!
- MusiX does not manage MasterTracksPro or MusicWriter files because these applications can Import/ Export midi files directly (MTP 1.04 & MW 2.03).
- MusiX follows MasterTracksPro midi conventions: Track zero contains all conductor events and track names are notated as generic text event but track name events. If you know why write me...
- Midi Analyzer manages only format one midi files because there is none track number reference in format zero midi files and format two is never used. If Midi Analyzer returns back immediately without analyse, your file is: Not a midi file or a format zero midi file or a format two midi file.
- Midi Analyzer asks "mucho" free memory (192k minimum). Take care of that. (I did a deal between Memory & Speed. Speed won ;).
- Today Midi Analyzer accepts up to 32000 events. There is none direct relation between midi file size and number of events herein (hum... sounds not like plain vanilla English ;). Do not try to load a >100k size midi file.
- Today Midi Analyzer is limited up to 16 tracks.

NoiseTrkr10.SHK:
This is version 1.0 of Oliver Goguel's (of the FTA and Second Sight Software) Noisetracker music program. NoiseTracker allows you to play SoundSmith songs, Noisetracker songs, and the MOD music file format popular on the IBM and Amiga. Version 1.0 features some enhanced options and has a title screen and title music. Noisetracker is freeware.

This package includes sample code for using the music player routines in your own programs. Also contains icons (courtesy of Michael Guitton) and a much-improved Scrolly Player correcting the color scheme and allowing selectable tracks. Instruments can be saved in multiple sound formats, and a startup screen and song can be installed.

NoiseTracker allows up to 64 instruments and you're no more limited by the size of the Ensoniq Ram (64k). NoiseTracker uses two kinds of instrument. Those always in the EnsoniqRam, and those which are in the GS-Ram, and which are moved to the Ensoniq when needed. But, luckily, when playing a music, you can hardly notice the difference between these two kinds !!!

Play.Song.SHK:
This program will let you play all those Music Studio songs even if you don't own Music Studio. Computers that are accelerated (TWGS, ZipChipGS) should have the computer's speed set to "FAST". Check the speed of your computer if songs sound like they are being played to fast or to slow.

ShellPlay05.SHK:
Shellplay v0.5 by Brian Bening is an Amiga Module player that runs under the Orca Shell. It is most compatible with Protracker mods. Type "shellplay MOD.whatever" while in ORCA. A couple keyboard commands are available while the music is playing.

sTracker063.SHK:
This disk includes Tim Meekins' MOD song player application soniqTracker v0.63. It is a GS MOD file player. This version has the desktop interface which the previous 0.2 version did not and has many bug fixes, enhanced sound quality, cool graphics and a vu meter. Features include bug fixes, jukebox, stereo mixing, improved sound quality, volume settings, track/position indicator, and new graphics! Includes a shell utility for the ORCA and GNO environments that reports all sorts of information about a given MOD file.

soniqTracker is a way-cool rad "mod" player for the Apple IIgs. It can play just about any mod available and nearly all commonly used effects. It now support "VBlank" and "CIAB" Amiga timing modes. This version adds a boot screen and a different player screen. soniqTracker includes a jukebox feature which allows you to select a group of MOD songs that will be played one after the other. This version fixes some bugs mainly from prior versions. Stereo separation is also improved.

sSmith1.01a.SHK:
In the /Manual/ folder:
This folder contains an instruction manual and an AppleWorks Data Base listing various Sound Smith instrument files. The manual ("Manual.AppleWks" and "Manual.Txt") is provided in two formats, as an AppleWorks GS Word Proccessing file and as an ASCII Text file. The AppleWorks Data Base ("Instrument.List") lists the various Sound Smith instrument files that can be found on the Sound Smith Songs disks 1 thruogh 5.

In the /SoundSmith1.01a/ folder:
This is version 1.01a of the French music program, SoundSmith. It is a 14 track sequencer that uses up to 15 ASIF synthesized instrument files. SoundSmith is shareware ($20 fee.) Note: you MUST use system 5.0 (or latter) for this program. SoundSmith is incompatible with the StrangeMenus NDA (New Desk Accessory.)

SoundSmith returns to shareware with the new version 1.01! SoundSmith is a music creation program that can make songs for playback on your IIGS. SoundSmith uses ASIF instrument files which can be created from digitized sounds. SoundSmith 1.01 features MIDI support as well as other minor enhancements.

This version of Soundsmith includes MIDI support, new colors, new intro screen, and other new features. This version is really meant for hard disk users, but it can also be run from floppies. Before using this new version, you will have to install Tool032 to your boot disk. You should also install the Apple MIDI Driver. Use the Installer utility located on your System Tools Disk to install these files. This version may require 1.5 megs of memory when run from a hard disk and 1.25 megs of memory when run from 3.5" drives.

Super.Synth.SHK:
Super Synthetizer v00.00 by Luc Serard is a simple program that displays a piano keyboard that you can play with the mouse.

SynthCreate.SHK:

SynthLab(tm) Wave Creator/Editor Version 1.0 by Parik Rao is a program that allows you to make your own wavebank (.WAV) files for SynthLab. Wavebanks are basically the core of instruments. SynthLab comes packaged with half a dozen or so wavebanks (SYNTH.WAV, DEMO.WAV, ORCH.WAV,etc,etc). All in all, around 60 instruments are available for your musical pleasures. Whereas 60 is a nice enough number, GS users want more of course. Enter, SynthCreate. Read the incloded TUTORIAL file for more information.

SynthFile10.SHK:

Synthfile version 1.0 by Dave Tribby, a shell application, prints a description of MIDI Synth sequence, instrument, and waveform files, and optionally will also play sequence files. Complete ORCA/C source code is included, with enough comments for programmers to understand the "secrets" of using Apple's MIDI Synth tools. See synthfile.doc file in the archive for details on how to run the program.

Version 1.0 is a significant enhancement from the previous version, which was released with waveLAB. Synthfile is freeware: Distribute freely, just give me credit if you use any of the code in your own freeware projects.

WaveLABv0.1.SHK:

WaveLAB v0.1, an Apple IIGS freeware program by Dave Tribby, is a companion program to Apple's synthLAB. Version 0.1 lets you:

- create MIDI Synth waveforms
- load individual waveforms from MIDI Synth wave data (".wav") files
- create MIDI Synth instruments (similar to Apple's synthLAB program)
- load individual instruments from MIDI Synth instrument (".bnk") files
- plot graphs of an instrument's waveforms or envelopes
- save the instruments and waveforms you have created

This version is preliminary and incomplete. Includes descriptions of the contents of MIDI Synth instrument (type $D6, aux $0001), wave data (type $D8, aux $0004) files and a program to dump their contents.

Best of Music - Disk 2

The software on this disk have been compressed with the program "GSHK". This allowed me to place more software on this disk than would normally fit on a 800k floppy disk. To use the software on this disk, you must first un-compress the software with GSHK. The application GSHK can be found on the "Best of Telecommunications" Disk.

In the /Music.02/SndSmith.Songs/ folder:

This folder contains a collection of SoundSmith songs. Each .SHK file contains a song in Music Sequence format and the ASIF instrument files that are required by the song. The following songs can be found in this folder:

Alf.SHK, AnyWay.SHK, Axel.FHT.SHK, Coconut.SHK- Coconut Champagne was originally written by Dr. Dennis DeBlazio. A. Fass has created a SoundSmith song based on this song and has changed the rhythms, bassline, and drum solo (and part of the sax solo)., Delta.Demo.SHK - Here is the Delta Demo main song, both the original 4 track (bleah) version and a stereoized version. The echo tracks were exploded so you get nice natural sounding echoes. Play this one for your friends, especially the ones who have heard the original., DYA.Song.SHK - Here's another very cool SoundSmith song by the Digital Youth Alliance (American FTA wanna-be's :)>., Emmanuel.SHK - This is a song called "Emmanuel", written by Micheal W. Smith., Fracture.SHK, JCD.MegBlst.SHK, LimeLight.SHK - This is a song by Rush. Made by King Lerch. This is my contribution to the][gs users with good taste in music., Luna.Beach.SHK - LUNA BEACH for SoundSmith by Jerry Kindall., RainbowDark.SHK, SpaceHarier.SHK - Space.Harrier is a 14 track SoundSmith song to impress your friends with. In arguably awesome (stereo) where available. By Todd Whitesel. Credits: Original Score file "Blue.Monday" by an anonymous PD author. New instruments provided by the FTA's Space Harrier Demo. (except AOW.VOX which I got from some other song.), Split.Demo.SHK, and Other.Side.SHK

Best of Music - Disk 3

The software on this disk have been compressed with the program "GSHK". This allowed me to place more software on this disk than would normally fit on a 800k floppy disk. To use the software on this disk, you must first un-compress the software with GSHK. The application GSHK can be found on the "Best of Telecommunications" Disk.

This disk contains Amiga MOD songs which can be played with the applications NoiseTracker, MODZap or soniqTracker. The following songs will be found on this disk:

In the /Music.03/Amiga/ folder:
Magnum.TV.3, and Nirvana

In the /Music.03/Use.MZ.To.Play/ folder:
Anette, BluEsmerald, Cheers, EnterSndMan, FutureMagi2, and Munsters

Best of Music - Disk 4

The software on this disk have been compressed with the program "GSHK". This allowed me to place more software on this disk than would normally fit on a 800k floppy disk. To use the software on this disk, you must first un-compress the software with GSHK. The application GSHK can be found on the "Best of Telecommunications" Disk.

In the /Music.04/Music.Const.Set/ folder:

This folder includes a selection of Music Construction Set songs. This disk does not include song players for Music Construction Set songs. You will need to buy a copy of Music Construction Set to be able to play the songs.

Beach.Boys.SHK:

This folder contains the following 7 Beach Boy tunes:

FOUR.0.9 (409), FUN.FUN.FUN, HELP.ME.RHONDA, LITTLE2COUPE (Little Deuce Coupe), SURFER.GIRL, SURFIN.SAFARI, and SURFIN.USA

Beatles.SHK:
This folder contains the following 15 tunes by the Beatles:

ACROSS.UNIVERSE (Across the Universe), BACK.IN.USSR, DRIVE.MY.CAR, EIGHT.DAY.WEEK, ELEANOR.RIGBY, HELLOGOODBYE, IN.MY.LIFE, LET.IT.BE, MAXWELL.HAMMER (Maxwell's Silver Hammer), MYSTERYTOUR (Magical Mystery Tour), OBLADI.OBLADA, PENNYLANE, RUN.FOR.YOUR.LI, WALRUS, and YOU.GOTTA.HIDE

RockMusic.SHK:
This folder contains 19 rock and/or rock and roll songs.

1. CANT.FIGHT.FEEL, 2. COMEGETIT, 3. CONGA Gloria Estefan and the Miami Sound Machine, 4. DREAMS.VAN.H Dreams by Van Halen, 5. EXHIBITION Pictures at an Exhibition by Emerson, Lake and Palmer, 6. FLASHDANCE, 7. FLASHDANCE.LOVE, 8. JUMP Jump by Van Halen, 9. MANDOLIN.RAIN, 10. MY.LIFE My Life by Billy Joel, 11. OCTOBER, 12. RUNAWAY, 13. RUSSIANS, 14. SATURDAY.NIGHT Saturday Night's Alright for Fighting by Elton John, 15. SIS.CANT.TWIST Your Sister Can't Twist But She Can Rock n Roll by Elton John, 16. STEPPING.OUT, 17. TENDER.MOMENT Tender Moment by Bill Joel, 18. WALK.LIKE.EGYPT Walk like an Egyptian by The Bangles, and 19. WRAPPED.FINGER

In the /Music.04/Music.Studio/ folder:
MStudioSngs.SHK:
This folder contains two Music Studio songs and the .WBNK / .SND files that are required by these songs:

1 Arabian527 9.0k, and 2 ToyFlutes614 12.0k
Arabian.SND, Flutes.SND, and Classic.WBNK

Oldies.MS.SHK:
This folder contains the following 17 Music Studio songs and the .WBNK file that is required by these songs:

3 At.The.Hop 4.5k, 4 Back.Seat 5.5k, 5 Balls.Of.Fire 5.0k, 6 Birds.Bees 4.0k, 7 Bristol.Stomp 10.5k, 8 Duke.Of.Earl 2.5k, 9 Get.A.Job 5.0k, 10 Good.Times.Roll 7.0k, 11 Lion.Sleeps 4.5k, 12 Long.Tall.Sally 7.0k, 13 Pipeline 7.0k, 14 Pipeline.2 7.0k, 15 Purple.People 6.0k, 16 Rock.Aound 3.5k, 17 Rockin.Robin 5.5k, 18 Splish.Splash 5.5k, and 19 Yakety.Yak 5.5k

Rock.WBNK

In the /Music.04/synthLAB/ folder:
This folder contains a collection of synthLAB songs. You will need a copy of synthLAB to play these songs. synthLAB can be found in the System 6.0 six disk set.

SL.Songs.1.SHK:
Bridal.Chorus, E.T.Theme, Love.Story, Nadia.Theme, NeverEnding, and Perry.Mason

SL.Songs.2.SHK:
Baby.Elephant, Bridge.O.Kwai, Cheers, Goldfinger, Mork, and Peanuts.1

SL.Songs.3.SHK:
Africa, Alone, Hard.To.Say, Hello, Piano.Man, and TakeMyBreath

sLab.Pak2.SHK:
Addams.SL, AxelF.SL, Cheers.SL, Entertainer.SL, LooneyTunes.SL, MiamiVice.SL, MickeyMouse.SL, RockNRoll.SL, StraightUp.SL, StrwbryFlds.SL, TakeOnMe.SL, and TheFlame.SL

Best of Sounds - Disk 1
The software on this disk have been compressed with the program "GSHK". This allowed me to place more software on this disk than would normally fit on a 800k floppy disk. To use the software on this disk, you must first un-compress the software with GSHK. The application GSHK can be found on the "Best of Telecommunications" Disk.
In the /Sounds.01/Sound.Utils/ Folder:

Acer.SHK:

ACER is an Audio compression and expansion utility designed to save disk space, speed disk access, and speed uploading/downloading of large, digitized sound files. ACER uses the new ACE toolset that has been introduced with the 3.2 System Release. The ACE toolset contains routines that are specifically designed to compress/expand digitized audio files in a highly efficient manner. This program is FREEWARE. By Joe Jaworski. Includes instructions.

ACE offers two different compression ratios, 8:4 and 8:3. This means that for every 8-bits of original data, ACE will compress it down to either 4 or 3 bits in size. For example, a 100K sound file compressed by ACE is GUARANTEED to be exactly 50K in size with an 8:4 compression, 37.5K in size with an 8:3 compression! This not only means faster downloading/uploading of files, but much faster disk access with those programs supporting ACE.

AudioZap12s.SHK:
AudioZap version 1.2s is a full-featured sound and instrument recording, playback, and editing system for the Apple IIGS computer. A stereo card is recommended for playback, although AudioZap works just fine in mono. For recording, a SuperSonic, Sonic Blaster, Audio Animator, or HyperStudio microphone card is required. By Ian Schmidt. Shareware, $20 fee.

FndrSndr.1f.SHK:
Finder-Sounder v1.0 by Mike Fleming of Jupiter Systems. This Finder Extension allows for the easy playing of Sound Resource files. These files are used by the system's Sound Control Panel, and other programs will begin to use them. Such sound files can be found in your System:Sounds: folder. Finder-Sounder can either be installed in the "FinderExtras" folder or your System:System.Setup folder. Once Finder-Sounder has been installed, simply double-click on a Sound Resource File to listen to it. This program requires the System 6.0 Sound Control Panel to be active. Freeware.

LongPlay2.0.SHK:
Here's LongPlay version 2.0, a program that will play sound files of any length, even if they don't fit into your available RAM. For example, if you have an 800K sound file, but only 768K RAM, you can use this program to play it. This program will only play uncompressed sound files with a binary filetype and the playback speed located in the auxtype.

Version 2.0 adds a lot of nice features to 1.0. You can double-click on an icon in the Finder, and LongPlay will play the file. You can also select the playback speed, edit the file's attributes (mainly used for changing the auxtype of a file, but you can change the filetype and most of the file access bits too), compress and expand ACE format files directly to disk (so you don't need a lot of memory to do this either).

Version 2.0 also includes support for AE format uncompressed and compressed files (such as those used by the Sonic Blaster and the Audio Animator). This program is ShareWare, so if you like it, send the author $5.

MacSndGrab.SHK:
Mac Sound Grabber version 1.0 by Steve Stephenson and Seven Hills Software Corp. This little program allows you to grab sounds from a Macintosh file, sample them, convert them, and save them in Apple IIGS format. After launching it, select Open to choose the Macintosh file. It reads Macintosh resource files in their native state - no pre-converting! After choosing the file, Mac Sound Grabber attempts to open it and search for Macintosh 'snd' resources. If the file contains sound resources, they are listed for you to choose from. From the list of sounds you may choose to Play or Save the sound. Requires System 6.0.

Play.Snds.SHK:
A command to add to APW to play sounds within the shell.

PS.SHK:
Poly-Sons is a sound creation & exploration tool for the GS. It is in French. An English translation of the documentation (AWP) is included under the name "Poly.Sons". It is really rather easy to follow on-screen even if you do not know French. Try it out - it's fun and it's free.

RawToRes1.0.SHK:
RawToRes 1.0 is a GS shell program which runs under a shell such as Orca or GNO, and converts raw data sound files into rSoundSample files. These files are for use with the System 6 Sound CDEV, and Hypercard GS, for two major examples. This program can attach rSoundSamples directly to an existing file (useful with Hypercard) or can create a new file altogether. Documentation is included. By Matt Ackeret.

rSndBrowser.SHK:
rSoundBrowser by Jay M. Krell is just a simple application that lets you play sounds contained in resources (known as "rSoundSample"s). These are commonly found in HyperCard IIGS stacks, in your System:Sounds folder, and perhaps other files. Note that files can and do have multiple sounds in them, such as the Whoosh and hsoohW sounds both being in the Whoosh file. rSoundBrowser requires System 6.0 or later and the Sound control panel must be present. You should be notified if either of these conditions is not met.

rSounder2.1.SHK:
rSounder Version 2.1 by Paul Benson. This is an application that converts raw sound data files to rSoundSamples for use with the new Sound CDev. Genesys, Rez, ORCA, or GNO are not required. You can now tell which channel to play the sound from, and its menu item enabling/disabling is more consistent. A feature has been added to remove 00's if you're converting mac sounds. Due to a request, the string length has been increased to be 31 characters.

You can now load and modify rSounds. You can save more than one rSound resource per file. The semi-standard of a raw sound BIN file containing its playback rate in the auxfield is now supported. Kwik Convert allows you to pick multiple raw sound files to be converted. You can amplify the sound. Low & High pass filters. The Sound Control Panel is now not necessary. Save as Binary... option now added. Shareware, $5 fee.

Snd.Header3.SHK:
This is just a BASIC program that adds the HyperCard-style header to a raw sound (BIN) file and resaves it. You can then use the freeware resource editor ResLin to convert the file to a sound resource that can be used with the Sound CDev. This version fixes a bug in the last version that caused it to write all over the beginning of the sound buffer.

SndPatch.s6.SHK:
System 6 Sound CDEV patch by Greg Templeman patches the reported error of the Sound CDEV under System 6.0 not playing the Shutdown sound at all times. Freeware.

SoundStudio.SHK:
This is a new 640 mode version (1.2) of Sound Studio. It allows you to load, edit, and play digitized sound files. It will load any type of sound file, except ACER compressed sound files. Instructions are included.

USE.SHK:
Universal Sound Edit by Gary Osborn is a program to edit 8 bit digitized sound wave files. When the program is first started, a window will open, informing you that a processor speed calibration in being done. This procedure very accurately measures the speed of your computers processor. This is necessary to insure accurate recording speeds. Shareware, $20.00 fee.

Best of Sounds - Disk 2
The software on this disk have been compressed with the program "GSHK". This allowed me to place more software on this disk than would normally fit on a 800k floppy disk. To use the software on this disk, you must first un-compress the software with GSHK. The application GSHK can be found on the "Best of Telecommunications" Disk.

This disk contains a collection of rSounds which can be used with the System 6.0 or later Sound CDev.

In the /Sounds.02/rSounds/ Folder:

AirRaid.Siren.r, Apple.II.Yell, Bishop, Bonk.Slap.r, Cat.r, Commo.SND.r, Cuckoo.2.r, Dead.r, Door.Knock.r, Double.Bonk.r,

DTS.Moof.r, Duh.r, EyePoke.Curly.r, EyePoke.Larry.r, Fabulous.r, Face.Slap.r, Frustrate.r, Head.Gong.3.r, Head.Gong.AE.r, Helicopter.r, Hoot.Owl.r, Im.No.Fool.r, Log.Tune, NavyAla.rSound, Nnnot.That.r, Number.2s.Door, Nyuk.5.r, OldCar.rSound, Oooooooh.r, PoliceGunShot.r, Pop.r, Ricochet.2.r, Ricochet.r, SubDive.rSound, Village.Beep, and What.The.Hell.r

SensSysSnds.SHK:
Sensible System Sounds is a folder full of Shareware resource sounds for your APPLE IIGS SYSTEM 6.0 CONTROL-PANEL SYSTEM EVENT SOUNDS. Shareware, $5.00 fee to. SensSysSnds.SHK contains the following rSounds:

Attention, Bad.disk, Bad.input.value, Bad.keypress, Cant.click, Caution.alert, Disk.ejected, Disk.inserted, Disk.request, Empty.trash, Fill.trash, Input.fld.full, Note.Alert, Stop.alert, System.Beep, System.shutdown, System.startup, Task.completed, Task.Failed, Task.impossible, Whoosh.closed, Whoosh.open, and You.Have.Mail

Best of GS True Type Fonts

GS True Type Fonts Disk 1
This is the first of the fancy fonts. Pay particular attention to the fonts in the "GeorgeWilliams" folder.These are super fonts, and I am surprised that the guy posted them as freeware. These fonts are all Freeware. Freeware is distributed software that costs you nothing. As Robert Heinlein said through Lazarus Long .. "Anything free is worth what you pay for it." Many times these Freeware products are incomplete or just barely complete. Many times, even though it is free, the author retains a copyright. Please respect that.

Also included is a text file (FULL.ASCII.TEXT) containing all 256 ASCII characters separated by spaces. This is to provide an easy way for you to see all of the characters in any particular font. Just open it up with your favorite application capable of dealing with the True Type font, and select the font of your choice.

The Fonts contained herein are :
Alison, AmbrosiaCap, Ann-Stone, CelticHand, CoiledUncial, Daytona, Fargo, FormalScript, FormalScriptBold, Future, Gismonda, GothicHnd, ItalicHand, Lombardic, LombardoBeneventan, Picadilly, PicadillyBizarre, RomanUncial, RomanUncialModern, Rotunda, Textura, TexturaModern, UncialDisplay, and YkcowrebbaJ

GS True Type Fonts Disk 2
This is the second grouping of fancy fonts. These fonts are all Freeware. Freeware is distributed software that costs you nothing. As Robert Heinlein said through Lazarus Long .. "Anything free is worth what you pay for it." Many times these Freeware products are incomplete or just barely complete. Many times, even though it is free, the author retains a copyright. Please respect that.

Also included is a text file (FULL.ASCII.TEXT) containing all 256 ASCII characters separated by spaces. This is to provide an easy way for you to see all of the characters in any particular font. Just open it up with your favorite application capable of dealing with the True Type font, and select the font of your choice.

The Fonts contained herein are :

Harrington, Heidelberg, HeronBold, HeronBoldItalic, HeronItalic, HeronRoman, Holtzschue, Kramer, LibbyScript,
Lilith-Initials, Logger, Mira, NixonInChina, Patriot, and Playbill

GS True Type Fonts Disk 3
This contains the last of the fancy fonts and all the freeware foreign fonts. Two of the "foreign" fonts appear to be from fantasy-type role playing game. But they look nifty, so here they are. These fonts are all Freeware. Freeware is distributed software that costs you nothing. As Robert Heinlein said through Lazarus Long .. "Anything free is worth what you pay for it." Many times these Freeware products are incomplete or just barely complete. Many times, even though it is free, the author retains a copyright. Please respect that.

Also included is a text file (FULL.ASCII.TEXT) containing all 256 ASCII characters separated by spaces. This is to provide an easy way for you to see all of the characters in any particular font. Just open it up with your favorite application capable of dealing with the True Type font, and select the font of your choice.

The Fonts contained herein are :
Palladam, Phonetic-Alphabet, Rhesimol, Rothman, SanFrancisco, Script, Shohl-Fold, Shrapnel, SlabFace, Stalingrad,
Talethior, TechPhonetic, Thalia, Varsity, Wedgie, Western, Will-Harris, and Zallman-Caps

GS True Type Fonts Disk 4
These are the Graphic Fonts. The Davy's Other Dingbats take up most of the space, but they're worth it. Make use of the FULL.ASCII.TEXT file to view these graphic fonts. These fonts are all Freeware. Freeware is distributed software that costs you nothing. As Robert Heinlein said through Lazarus Long .. "Anything free is worth what you pay for it." Many times these Freeware products are incomplete or just barely complete. Many times, even though it is free, the author retains a copyright. Please respect that.

Also included is a text file (FULL.ASCII.TEXT) containing all 256 ASCII characters separated by spaces. This is to provide an easy way for you to see all of the characters in any particular font. Just open it up with your favorite application capable of dealing with the True Type font, and select the font of your choice.

The Fonts contained herein are :

DavysOtherDingbatsOption, DavysOtherDingbatsRegular, DavysOtherDingbatsShift, Fleurons, Gallaudet, International,
Lassus, Mortbats, and Trains

GS True Type Fonts Disk 5
These are the "Plain" fonts. The criteria I used on these was : "Would I want to print a job resume in this font ?" I have to admit that I stretched the point on a few of these fonts, but they are mostly

simple, straight-forward fonts. These fonts are all Freeware. Freeware is distributed software that costs you nothing. As Robert Heinlein said through Lazarus Long .. "Anything free is worth what you pay for it." Many times these Freeware products are incomplete or just barely complete. Many times, even though it is free, the author retains a copyright. Please respect that.

Also included is a text file (FULL.ASCII.TEXT) containing all 256 ASCII characters separated by spaces. This is to provide an easy way for you to see all of the characters in any particular font. Just open it up with your favorite application capable of dealing with the True Type font, and select the font of your choice.

The Fonts contained herein are :

Architect, ArchitectFont, Arctic, Cologne, Crillee (This is one of the fonts used by Star Trek: the Next Generation), GoudyHundred, GraphicLight, InformalOblique, KochRoman, Middleton, Monotony¡™, Montague, PigNoseTyp, Rome, SapirSans, SapirSansItal, Thomas, and TURBINE

Best of Utilities - Disk 1

The software on this disk have been compressed with the program "GSHK". This allowed me to place more software on this disk than would normally fit on a 800k floppy disk. To use the software on this disk, you must first un-compress the software with GSHK. The application GSHK can be found on the "Best of Telecommunications" Disk.

In the /Utils.01/Utils/ Folder:
FilePassage.SHK:

File Passage is meant for the intermediate to the advanced computer user. File Passage performs several functions, but basically there are two categories in which these functions belong: (1) file transitions, (2) file status. Functions that deal with file transitions are Move, Copy, Delete, and Backup. Functions that concern file status are Catalog, View, and Set File Info. All the file transition functions can use any of the filters, while Catalog can also use file filtering.

UWgsPgm201.SHK:

UtilityWorks v2.0.1 is a very extensive set of file and device handling utiity funtions in a desktop environment. Includes HD backup and restore capabilities, text/AWP/etc. file display, and display or playing of graphics or soound files. Shareware = $20. Has most but not quite all the functions that ProSel-16 has plus some that it doesn't, like installing DAs or Fonts, removing devices from the device list, and others. Very useful though some functions will be added in later versions. By George R. Wilde.

UtilityWorks now only works with GS/OS System Disk 5.0.2 or later, and all system calls have been converted to GS/OS calls. You can now display AppleWorks GS Word Processing files and 3200 color pictures.

UtilityWorksGS is a program with many utility functions that works well with the UtilityLaunch program. This version is System 6 aware. It has Icon (regular and rIcon) editor; Resource Editor; Text Editor; File Editor; Block Editor; volume and file management utilities; display many kinds of files, text/wordperfect/teach, graphics, icons, BASIC, etc.

UWgsDox201.SHK:

This archive file contains the documentation for the UtilityWorksGS application.

U.Launch231.SHK:

The UtilityWorks Launcher (a companion program to UtilityWorks) is a powerful Apple IIGS Program Selector which gives the user the capability of launching any program from either a standard file selection dialog box or from an easily configured menu presented in a window on the Desktop.

Utility Works Launcher (version 2.3.1) is a program launcher with many pages of buttons (both icon and text buttons) that can be programed to launch applications. Can change ZipGS and TWGS speeds, Control Panel settings, prefix 8, MessegeCenter path, boarder/background/text color, etc. on the fly. This version also adds AppleTalk support. See the docs in the accompanying files. This version has been updated to use the smooth launch feature of System 6 and a few other enhancements.

Up to 10 launch selection menus of 40 entries each can be quickly configured using a standard file selection dialog box (just point and click on the programs to be launched). The UtilityWorks Launcher permits launching of P16 programs under GS/OS much faster than the Finder or P8 launchers.

Launching of P8 programs is also very rapid, but return to the Launcher does take some time when using GS/OS versions prior to System Disk 5.0 because GS/OS must be reloaded with these earlier versions. By George R. Wilde. The Utility Works Launcher is Shareware, $10 fee.

Best of Utilities - Disk 2

The software on this disk have been compressed with the program "GSHK". This allowed me to place more software on this disk than would normally fit on a 800k floppy disk. To use the software on this disk, you must first un-compress the software with GSHK. The application GSHK can be found on the "Best of Telecommunications" Disk.

In the /Utils.02/Utils/ Folder:
AltFileInfo.SHK:

This GS/OS application allows you to alter a file's created and modified date and time and the File Type. It will also alter a file's Access Attributes. By D. R. Hill, MaineFrame Software.

AWgsFontFix.SHK:

Here is a patch for AWGS to allow fonts larger than 48 point. This is a short patcher program which will "auto-enable" the newly discovered easter egg in AWGS to allow you to overcome the

48 point font limit. Just launch this program and documentation will pop up on-screen. Public Domain.

Cataloger.SHK:

Nice S16 utility for cataloguing disks, hard drives and CD-ROMS. Will output to either screen or disk file. Selectable attributes for what you want included in the file (size, auxtype, blocks, create/mod, etc). Freeware from across the lake. Has a few rough spots but well worth the price.

ChngFile417.SHK:

Change-A-File is a utility for batch processing to change file or auxiliary type codes. It reads AWP files. Converts text files to AWP files and AWP files to text files. Converts AW 3.0 files to AW 2.x files (for those who haven't updated to AW 3.0). It will also strip line feeds.

CtrlPnlSCut.SHK:

Shortcuts through the Control-Panel and other ways to avoid work... #3. A collection of 32 small SYS type programs which will change the control panel settings. Freeware by Loren S. Damewood.

Custom.GSOS.SHK:

CUSTOM.GSOS is a program for the Apple IIgs that lets you customize the startup screen that appears when you boot GSOS. As supplied by Apple, System Disks 4.0, 5.0, and 5.0.2 contain a file in the SYSTEM directory with the name START.GS.OS. In this file, among other things, are two small pictures or icons that are displayed when your IIgs is booted. One is a picture of a computer other contains the text string "Welcome to the IIgs". By Paul Gauthier.

This program lets you replace those two pictures with icons of your own choosing. Any picture that is in a standard, non-compressed, image format is acceptable. With Paintworks Gold this format is called Screen Format (File Type $C1). And since the IIgs startup screen is in 640 pixel mode (Ultra High Res), the picture you use will be interpreted in 640 mode. This program is freeware.

This program assumes a particular format for the START.GS.OS file that Apple may change in future releases of the IIgs System Disk. If the location of the icons or their sizes change, then using this program will not only not have the desired effect but will probably cause difficulties with the boot process. CUSTOM.GSOS works fine with System Disk 4.0, 5.0, and 5.0.2.

Included is a newer version of Custom GS/OS that will work with system 6.0. Four graphics are provided to help you modify the spash screen. A new version of Splash Edit is also included. Splash Edit can be used to change the color of the splash screen from blue to any of the standard 16 colors.

DOS33Launch.SHK:

DOS 3.3 Launcher v2.0 is a $10 shareware utility for 128K Enhanced IIe, IIc, or IIGS computers that allows you to store and run DOS 3.3 files or disks on ProDOS formatted 3.5" disk drives, or on hard disk drives. Written by John MacLean of New South Wales, Australia, this is the update you've all be waiting for.

FixFindFile.SHK:

FSystem 6 FindFile patch by Eric D. Shephard is a Permanent Init that fixes the reported bug of using the FindFile NDA under System 6.0, launching a P8 program, then being forced to reboot. Freeware.

FixBoot1.3.SHK:

FixBoot v1.3 will place a valid ProDOS boot block on any ProDOS RAM or ROM disk. Unlike v1.2, this new version will ONLY place a boot block on ProDOS RAM and ROM disks. Any other file system or volume type is not allowed. This program is useful when you copy lots of files to a RAM disk, intending to boot from it, but forget to format it first, thus leaving the disk non-bootable.

Font.ASM.SHK:

This is a GREAT, shareware font editor (sw fee = $20) for the IIgs. It came from France. It allows you to edit, customize and create standard font files, double the font size, convert Mac fonts, and much more.

Font.Doctor.SHK:

Font Doctor is a shareware font. It allows you to edit, customize and create standard font files. FontDoctor 1.0B11 is now fully functional. The bug in previous versions that prevented display, resize, etc. to work with kerned fonts is now taken care of.

FontInfoEd.SHK:

FontInfo.Editor allows you to edit the font name and number of your fonts. This program is designed to help you resolve font conflicts which are common among the public domain fonts. The program contains a chart of the font numbers and names currently recommended by Apple Computer Inc.

FontInfo0.4.SHK:

Font Info Plus v0.4 by Jon C. Thomason is a small AppleSoft utility designed to help you make sense of a possibly chaotic font folder. Apple IIGS system fonts demand that each font be related to a font family and each family have a unique ID number. If any two font families share the same ID number, you have been plagued by the Font Gremlin. What this utility does is scavenge all through a specified folder and create a seperate tab-delimited text file. This text file is a printout of all of your fonts, their internal names and their font family numbers (ID's.) This gives you the ability to see very quickly which fonts have shared ID's and such. This program is freeware.

Font.Scan.SHK:

FontScan version 0.50a. By David W. Walker. This is a preliminary version of FontScan, a GS program to scan the font files in any folder on any online volume and to report the basic data

contained in the headers of all the fonts. This version is limited to no more than 512 font files in one directory. The program will now scan the file for the most common source of font problems: duplicated font names or family numbers. You can edit file information: the filename, the "internal" font name, the family number, and the point size.

GSX.Edit.SHK:

GSXEdit v1.0 is a text editor that will edit TXT, SRC, Teach Text, AWGS files. It allows multiple windows (limited ony by memory available). Requires System 5.0.2 or latter. The program and documentation files both contain resources (all Teach files store the formatting information in the resource fork), so be sure to use a GS/OS based utility such as the Finder, ProSel-16, or Wings to copy these files.

GusBoot0.2.SHK:

This program patches the PRODOS file on your GS/OS boot disk. Press Escape while rebooting to run ProDOS 8 instead of GS/OS, and press 5 while rebooting to boot any disk in slot 5 instead. A copy of P8 is appended to the PRODOS file, increasing its size and taking slightly more time for it to load.

IconAppChek.SHK:

Icon Application Checker v1.0 by Bill Tudor can examine ALL the icons in ALL your icon files, and let you know which ones have invalid application pathnames. Furthermore, it can also SUGGEST a new application path by searching all your disks for the old application name and finding its new location on your disks. Shareware, $10 fee.

KeyDirector.SHK:

Keyboard Director v1.0 by Jon C. Thomason has a very narrow scope and uses only the most primitive logic necessary to accomplish its goals with as little work as possible. Use it as a simple program selector at startup time to run different programs when different combinations of keys are held down. Easily customizable. FreeWare.

Password.SHK:

This program provides some sort of protection for your machine. If executed as the boot up program on the GS it will force the user to enter a password to continue further. It is written in the desktop environment with dialogs etc. This program does not in any way lock a disk or its contents. PassWord just forces the user to enter a password before continuing to boot a disk. Thus, this program is effective for a hard disk. It just adds a little security where needed. Complete documentation and instructions for both system 5 and system 6 included. Freeware. Read the docs carefully, and maybe try it out on a floppy before "protecting" your hard drive irreversibly!

ProBoot5.2.SHK:

ProBOOT v5.2 is a utility which automates the process of booting various slots and ports without your having to adjust the Control Panel settings. It will also automatically set your system speed. This version includes a Finder Extension which can be used to select the device and speed at which to boot. It also includes technical documentation on how to request that ProBOOT boot a device for you. Programmers can send requests to ProBOOT, and ProBOOT will reboot, for example, port 6 at GS Normal speed. A number of bugs have been removed, and the screen I/O is now done using custom I/O routines. There are a few interface enhancements.

Rat1.0.SHK:

RAT - Revise Ascii Text by Bill Tudor version 1.00 is an Apple IIgs desktop text editor that supports Ascii text (filetype $04, TXT), APW/Source (filetype $B0/Src), and Teach (Filetype $50, auxilliary type $5445, GWP) documents. RAT is a rather minimal implementation, however, it does have a number of special features including color and Apple Extended Keyboard support. Shareware, $10 fee.

SuperCat1.0.SHK:

SUPERCAT by Cecil Fretwell will provide an alphabetized catalog of an entire disk or starting at a specified directory and working its way down from there. Super Catalog catalogs directories in outline form to screen, printer or file. ORCA/C source code available. Shareware, $10 fee.

TextEdit.SHK:

Text Edit v1.0. This is a desktop application like Text Display v1.3. Display text, change fonts, print to your printer, and save text. The scrolling of text is faster than "About".

Texter1.1.SHK:

Texter v1.1 by Joel Sumner is just a text editor. You can run Texter one of two ways. Either run it as a regular application just as you would any other program, or you can double-click upon a text file in a finder window and Texter will automatically be run and the file you clicked upon will be run. You can even select more than one file and double-click upon them. A maximum of 5 files will be loaded though, even if you select more than that.

Time.Master.SHK:

TimeMaster IIGS (vers. 2.1) is an upgrade to the utility for calling atomic clock sites at the U.S. Naval Observatory or a Canadian site to check and set you GS clock. It uses an external modem through the modem port on the GS. This version adds graphing of the correction history over a two-yr. period and the ability to predictively update the clock between calls based on that trend.

WordWrks223.SHK:

WordWorks v2.23 by Lane Roath is a great word processor with cut/copy/paste, find & replace, fonts, color text, and more! And it's compact so there's no two-minute load time! Shareware, $10 fee.

Apple II Disk Library Order Form

5-1/4" DISKS:

System Software
___ APSD-01 #1
___ APSD-02 #2

Apple Disk Catalog (DOS 3.3)
____ 3 disk set #3

Apple Disk Catalog (PRODOS)
___ 4 disk set #4

Appleworks
___ APWK-01
___ APWK-02

Communications
___10 disk set = $15.00
___COMM-01
___COMM-02
___COMM-03
___COMM-04
___COMM-05
___COMM-06
___COMM-07A
___COMM-08
___COMM-09
___COMM-10A

CP/M
___11 disk set = $16.50
___CP/M-01
___CP/M-02
___CP/M-03
___CP/M-04
___CP/M-05
___CP/M-06
___CP/M-07
___CP/M-08
___CP/M-09
___CP/M-10
___CP/M-11

Eamon Adventures
___24 disk set = $36.00
___EAMN-01
___EAMN-02 #5
___EAMN-03 Eamon Master
___EAMN-04 #5
___EAMN-05 #5
___EAMN-06 #5
___EAMN-07 #5
___EAMN-08 #5
___EAMN-09 #5
___EAMN-10 #5
___EAMN-11 #5
___EAMN-12 #5
___EAMN-13 #5
___ EAMN-14 #5
___ EAMN-15 #5
___ EAMN-16 #5
___ EAMN-17 #5
___ EAMN-18 #5
___ EAMN-19 #5
___ EAMN-20 #5
___ EAMN-21 #5
___ EAMN-22 #5
___ EAMN-23 #5
___ EAMN-24 #5

Education
___20 disk set = $30.00
___EDUC-01
___EDUC-02
___EDUC-03
___EDUC-04
___EDUC-05
___EDUC-06
___EDUC-07
___ EDUC-08
___ EDUC-09
___ EDUC-10
___ EDUC-11
___ EDUC-12
___ EDUC-13
___ EDUC-14
___ EDUC-15
___ EDUC-16
___ EDUC-17
___ EDUC-18
___ EDUC-19
___ EDUC-20

Forth
___FRTH-01
___FRTH-02
___FRTH-03

Games
___13 disk set = $ 19.50
___GAME-01
___GAME-02
___GAME-03
___GAME-04
___GAME-05
___GAME-06
___GAME-07
___GAME-08
___GAME-09
___GAME-10
___GAME-11
___GAME-12
___GAME-13

Logo
___LOGO-01
___LOGO-02

Membership Directory
___MEMD-01

Miscellaneous
___25 disk set = $37.50
___MISC-01
___MISC-02
___MISC-03
___MISC-04
___MISC-05
___MISC-06
___MISC-07
___MISC-08
___MISC-09
___MISC-10
___MISC-11
___MISC-12
___MISC-13
___MISC-14
___MISC-15
___MISC-16
___MISC-17
___MISC-18
___MISC-19
___MISC-20
___MISC-21
___MISC-22
___MISC-23
___MISC-24
___MISC-25

New Print Shop
___31 disk set = $46.50
___NWPS-01 Graphics
___NWPS-02 Graphics
___NWPS-03 Graphics
___NWPS-04 Graphics
___NWPS-05 Graphics
___NWPS-06 Graphics
___NWPS-07 Graphics
___NWPS-08 Graphics
___NWPS-09 Graphics
___NWPS-10 Graphics
___NWPS-11 Graphics
___NWPS-12 Graphics
___NWPS-13 Graphics
___NWPS-14 Graphics
___NWPS-15 Graphics
___NWPS-16 Graphics
___NWPS-17 Graphics
___NWPS-18 Graphics
___NWPS-19 Graphics
___NWPS-20 Graphics
___NWPS-21 Graphics
___NWPS-22 Graphics
___NWPS-23 Graphics
___NWPS-24 Graphics
___NWPS-25 Graphics
___NWPS-26Graphics
___NWPS-27Graphics
___NWPS-28Graphics
___NWPS-29 Borders
___NWPS-30 Borders
___NWPS-31 Fonts

Pascal
___8 disk set $12.00
___PASC-01
___PASC-02
___PASC-03
___PASC-04
___PASC-05
___PASC-06
___PASC-07
___PASC-08

Pilot
___PILT-01

Utilities
___24 disk set = $36.00
___UTIL-01
___UTIL-02
___UTIL-03
___UTIL-04
___UTIL-05
___UTIL-06
___UTIL-07
___UTIL-08
___UTIL-09
___UTIL-10
___UTIL-11
___UTIL-12
___UTIL-13
___UTIL-14
___UTIL-15
___UTIL-16
___UTIL-17
___UTIL-18
___UTIL-19
___UTIL-20
___UTIL-21
___UTIL-22
___UTIL-23
___UTIL-24

(#1) System Disk V. 4.0.2 - $1.50
(#2) DOS 3.3 System Master - $1.50
(#3) Apple Disk Catalog (A) (DOS 3.3) - 3 disk set - $3.00
(#4) Apple Disk Catalog (A) (ProDos) - 4 disk set - $4.00
(#5) Requires EAMN-03

3-1/2" DISKS:

System Disk
___2APS-01 #6

Apple Disk Catalog
___2ADC-01A #7
___2ADC-02A #7

Appleworks
___2AWK-01

Communications
___2COM-01
___2COM-02
___2COM-03

Education
___2EDU-01

Membership Directory
___2MRD-01

Utilities
___2UTL-01
___2UTL-02A

(#6) - System Disk - V. 4.0.2 - $3.00
(#7) - Apple Disk Catalog - 2 Disk set - $4.00

Note: Some disks may contain Shareware. Please send a remittance to the author of the program if you use it.

Apple IIGS Disk Library Order Form

3-1/2 DISKS:

System Software
___ GSAS-01 (*1)
___ GSAS-02 (*2)
___ GSAS-03 (*3)
___ GSAS-04 (*4)

Communications
___ 7 disk set = $21
___ GSCM-01E
___ GSCM-02C
___ GSCM-03B
___ GSCM-04C
___ GSCM-05B
___ GSCM-06
___ GSCM-07

DAs, CDevs, FExts, Dvrs, and Inits
___ 16 disk set = $48
___ GSDA-01C
___ GSDA-02D
___ GSDA-03E
___ GSDA-04C
___ GSDA-05C
___ GSDA-06B
___ GSDA-07C
___ GSDA-08B
___ GSDA-09A
___ GSDA-10A
___ GSDA-11A
___ GSDA-12A
___ GSDA-13A
___ GSDA-14A
___ GSDA-15B
___ GSDA-16B

Demos
___ 35 disk set = $35 or $1 per disk
___ GSDM-01
___ GSDM-02
___ GSDM-03
___ GSDM-04
___ GSDM-05
___ GSDM-06
___ GSDM-07
___ GSDM-08
___ GSDM-09
___ GSDM-10
___ GSDM-11
___ GSDM-12
___ GSDM-13A
___ GSDM-14
___ GSDM-15
___ GSDM-16
___ GSDM-17A
___ GSDM-18
___ GSDM-19
___ GSDM-20A
___ GSDM-21A
___ GSDM-22
___ GSDM-23
___ GSDM-24
___ GSDM-25
___ GSDM-26
___ GSDM-27
___ GSDM-28
___ GSDM-29
___ GSDM-30
___ GSDM-31
___ GSDM-32
___ GSDM-33
___ GSDM-34
___ GSDM-35

Developer
___ 20 disk set = $60
___ GSDV-01
___ GSDV-02
___ GSDV-03
___ GSDV-04
___ GSDV-05A
___ GSDV-06A
___ GSDV-07
___ GSDV-08A
___ GSDV-09
___ GSDV-10A
___ GSDV-11A
___ GSDV-12A
___ GSDV-13
___ GSDV-14A
___ GSDV-15A
___ GSDV-16
___ GSDV-17A
___ GSDV-18
___ GSDV-19
___ GSDV-20

Disk Catalog
___ 3 disk set = $6
GSDC-01J
GSDC-02J
GSDC-03J

Education
___ 10 disk set = $30
___ 7 disk set = $21 (*5)
___ GSED-01A (*5)
___ GSED-02A (*5)
___ GSED-03A (*5)
___ GSED-04A (*5)
___ GSED-05A (*5)
___ GSED-06A (*5)
___ GSED-07A (*5)
___ GSED-08A
___ GSED-09
___ GSED-10

Fonts - BitMapped
___ 27 disk set = $81
___ GSFT-01
___ GSFT-02
___ GSFT-03
___ GSFT-04
___ GSFT-05
___ GSFT-06
___ GSFT-07
___ GSFT-08
___ GSFT-09
___ GSFT-10
___ GSFT-11
___ GSFT-12
___ GSFT-13
___ GSFT-14
___ GSFT-15
___ GSFT-16
___ GSFT-17
___ GSFT-18
___ GSFT-19
___ GSFT-20
___ GSFT-21
___ GSFT-22
___ GSFT-23
___ GSFT-24
___ GSFT-25
___ GSFT-26
___ GSFT-27

Fonts - TrueType
___ 30 disk set = $90
___ GSTT-01
___ GSTT-02
___ GSTT-03
___ GSTT-04
___ GSTT-05
___ GSTT-06
___ GSTT-07
___ GSTT-08
___ GSTT-09
___ GSTT-10
___ GSTT-11
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___ GSTT-26
___ GSTT-27
___ GSTT-28
___ GSTT-29
___ GSTT-30

Games
___ 63 disk set = $189
___ GSGM-01B
___ GSGM-02B
___ GSGM-03
___ GSGM-04
___ GSGM-05
___ GSGM-06A
___ GSGM-07A
___ GSGM-08
___ GSGM-09A
___ GSGM-10
___ GSGM-11
___ GSGM-12A
___ GSGM-13
___ GSGM-14
___ GSGM-15
___ GSGM-16
___ GSGM-17A
___ GSGM-18A
___ GSGM-19A
___ GSGM-20
___ GSGM-21
___ GSGM-22
___ GSGM-23A
___ GSGM-24B
___ GSGM-25B
___ GSGM-26A
___ GSGM-27
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___ GSGM-30
___ GSGM-31
___ GSGM-32
___ GSGM-33
___ GSGM-34
___ GSGM-35A
___ GSGM-36
___ GSGM-37A
___ GSGM-38
___ GSGM-39
___ GSGM-40
___ GSGM-41
___ GSGM-42A
___ GSGM-43
___ GSGM-44
___ GSGM-45
___ GSGM-46
___ GSGM-47
___ GSGM-48
___ GSGM-49
___ GSGM-50
___ GSGM-51
___ GSGM-52
___ GSGM-53
___ GSGM-54
___ GSGM-55
___ GSGM-56
___ GSGM-57
___ GSGM-58
___ GSGM-59A
___ GSGM-60
___ GSGM-61
___ GSGM-62
___ GSGM-63

Graphics
___ 68 disk set = $204
___ GSGX-01
___ GSGX-02
___ GSGX-03
___ GSGX-04
___ GSGX-05
___ GSGX-06
___ GSGX-07A
___ GSGX-08A
___ GSGX-09B
___ GSGX-10A
___ GSGX-11
___ GSGX-12
___ GSGX-13A
___ GSGX-14
___ GSGX-15
___ GSGX-16
___ GSGX-17
___ GSGX-18
___ GSGX-19
___ GSGX-20
___ GSGX-21C
___ GSGX-22B
___ GSGX-23
___ GSGX-24
___ GSGX-25
___ GSGX-26
___ GSGX-27
___ GSGX-28A
___ GSGX-29
___ GSGX-30
___ GSGX-31A
___ GSGX-32A
___ GSGX-33
___ GSGX-34
___ GSGX-35
___ GSGX-36
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___ GSGX-61
___ GSGX-62
___ GSGX-63
___ GSGX-64
___ GSGX-65
___ GSGX-66
___ GSGX-67
___ GSGX-68

HyperCard
___ 6 disk set = $18
___ GSHC-01
___ GSHC-02
___ GSHC-03
___ GSHC-04
___ GSHC-05
___ GSHC-06

HyperStudio
___ Demo Ver. (1-10) = $10
___ GSHS-01
___ GSHS-02
___ GSHS-03
___ GSHS-04
___ GSHS-05
___ GSHS-06
___ GSHS-07
___ GSHS-08
___ GSHS-09
___ GSHS-10

___ 66 disk set (11-76)

Apple IIGS Disk Library Order Form

= $198
___ GSHS-11
___ GSHS-12
___ GSHS-13
___ GSHS-14
___ GSHS-15
___ GSHS-16
___ GSHS-17
___ GSHS-18
___ GSHS-19
___ GSHS-20
___ GSHS-21A
___ GSHS-22
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___ GSHS-66
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___ GSHS-69
___ GSHS-70
___ GSHS-71
___ GSHS-72
___ GSHS-73
___ GSHS-74
___ GSHS-75
___ GSHS-76

Icons
___ 12 disk set = $36
___ GSIC-01B
___ GSIC-02B
___ GSIC-03B
___ GSIC-04B
___ GSIC-05B
___ GSIC-06B
___ GSIC-07B
___ GSIC-08A
___ GSIC-09A
___ GSIC-10A
___ GSIC-11A
___ GSIC-12A

Membership Directory
___ GSMD-01

Miscellaneous
___ GSMS-01A

Music
___ 83 disk set = $249
___ GSMU-01C
___ GSMU-02
___ GSMU-03
___ GSMU-04
___ GSMU-05
___ GSMU-06
___ GSMU-07
___ GSMU-08
___ GSMU-09
___ GSMU-10
___ GSMU-11
___ GSMU-12
___ GSMU-13C
___ GSMU-14
___ GSMU-15
___ GSMU-16A
___ GSMU-17
___ GSMU-18A
___ GSMU-19A
___ GSMU-20A
___ GSMU-21A
___ GSMU-22
___ GSMU-23A
___ GSMU-24A
___ GSMU-25A
___ GSMU-26A
___ GSMU-27A
___ GSMU-28A
___ GSMU-29A
___ GSMU-30A
___ GSMU-31A
___ GSMU-32A
___ GSMU-33A
___ GSMU-34A
___ GSMU-35A
___ GSMU-36A
___ GSMU-37A
___ GSMU-38A
___ GSMU-39A
___ GSMU-40A
___ GSMU-41A
___ GSMU-42
___ GSMU-43A
___ GSMU-44A
___ GSMU-45
___ GSMU-46
___ GSMU-47
___ GSMU-48
___ GSMU-49
___ GSMU-50
___ GSMU-51
___ GSMU-52A
___ GSMU-53A
___ GSMU-54A
___ GSMU-55A
___ GSMU-56A
___ GSMU-57A
___ GSMU-58A
___ GSMU-59
___ GSMU-60
___ GSMU-61
___ GSMU-62
___ GSMU-63A
___ GSMU-64
___ GSMU-65
___ GSMU-66
___ GSMU-67
___ GSMU-68
___ GSMU-69
___ GSMU-70
___ GSMU-71
___ GSMU-72
___ GSMU-73
___ GSMU-74
___ GSMU-75A
___ GSMU-76
___ GSMU-77
___ GSMU-78
___ GSMU-79
___ GSMU-80
___ GSMU-81
___ GSMU-82
___ GSMU-83

Sounds
___ 20 disk set = $60
___ GSSN-01A
___ GSSN-02A
___ GSSN-03
___ GSSN-04
___ GSSN-05
___ GSSN-06
___ GSSN-07
___ GSSN-08
___ GSSN-09
___ GSSN-10
___ GSSN-11
___ GSSN-12
___ GSSN-13
___ GSSN-14
___ GSSN-15
___ GSSN-16
___ GSSN-36
___ GSSN-37
___ GSSN-38
___ GSSN-39

Sounds - CDev rSounds
___ 20 Disk Set = $60
___ GSSN-17A
___ GSSN-18
___ GSSN-19
___ GSSN-20
___ GSSN-21
___ GSSN-22
___ GSSN-23
___ GSSN-24
___ GSSN-25
___ GSSN-26
___ GSSN-27
___ GSSN-28
___ GSSN-29
___ GSSN-30
___ GSSN-31
___ GSSN-32
___ GSSN-33
___ GSSN-34
___ GSSN-35
___ GSSN-40

Utilities
___ 18 disk set = $54
___ GSUT-01C
___ GSUT-02
___ GSUT-03C
___ GSUT-04B
___ GSUT-05C
___ GSUT-06A
___ GSUT-07B
___ GSUT-08D
___ GSUT-09B
___ GSUT-10B
___ GSUT-11B
___ GSUT-12
___ GSUT-13B
___ GSUT-14
___ GSUT-15B
___ GSUT-16
___ GSUT-17
___ GSUT-18

Best of The Apple IIGS
___ 25 disk set = $56.25
(save $6.25 - normally $62.50)

Best of The Apple IIGS Disk Catalog
___ 1 disk set = $2.00

Best of Communications
___ 1 disk set = $2.50

Best of DA's, CDevs, FExts, Dvrs, & Inits
___ 1 disk set = $2.50

Best of Bit-Mapped Fonts
___ 2 disk set = $5.00

Best of Games
___ 5 disk set = $12.50

Best of Graphics
___ 2 disk set = $5.00

Best of Icons (Finder)
___ 1 disk set = 2.50

Best of Music
___ 4 disk set = $10.00

Best of Sounds
___ 2 disk set = $5.00

Best of True Type Fonts
___ 5 disk set = $12.50

Best of Utilities
___ 2 disk set = $5.00

The Best of the Apple IIGs may be purchased as a 25 disk set or as individual sets as listed above.

(*1) System 5.0.4 - 2 Disk Set = $6.00
(*2) Hyper Mover v1.1 - 2 Disk Set = $6.00
(*3) GS Bug & Debug Tools v1.6 = $3.00
(*4) System 6.0.1 - 6 Disk Set = $18.00
(*5) Astronomer - 7 disk set (GSED-01 to GSED-07) $21.00

Note: Some disks may contain Shareware. Please send the requested remittance to the author if you use the program. Most of the programs on these library disks may require a IIGS with a minimum of 1.25 megs of memory.

Apple III Disk Library Order Form

5-1/4" DISKS:

Accounting
___ 3 disk set =$4.50
___ 3ACT-01B
___ 3ACT-02B
___ 3ACT-03B

3 Easy Pieces Templates
___ 15 disk set = $22.50
___ 3AWZ-01
___ 3AWZ-02
___ 3AWZ-03
___ 3AWZ-04
___ 3AWZ-05
___ 3AWZ-06
___ 3AWZ-07
___ 3AWZ-08
___ 3AWZ-09
___ 3AWZ-10
___ 3AWZ-11
___ 3AWZ-12A
___ 3AWZ-13
___ 3AWZ-14
___ 3AWZ-15

Business Basic
___ 9 disk set = $13.50
___ 3BSB-01
___ 3BSB-02
___ 3BSB-03
___ 3BSB-04
___ 3BSB-05
___ 3BSB-06
___ 3BSB-07
___ 3BSB-08
___ 3BSB-09A

Disk Catalog (ASCII TEXT)
___ 3 disk set = $3 or $1 per disk
___ 3CAT-01B - Disk 1
___ 3CAT-02B - Disk 2
___ 3CAT-03B - Disk 3

Disk Catalog (3 EZPC's)
___ 2 disk set = $2 or $1 per disk
___ 3CAT-04B - Disk 1
___ 3CAT-05B - Disk 2

Games
___ 5 disk set = $7.50
___ 3GAM-01
___ 3GAM-02
___ 3GAM-03A
___ 3GAM-04
___ 3GAM-05

Graphics
___ 43 disk set = $64.50
___ 3GRX-01
___ 3GRX-02
___ 3GRX-03
___ 3GRX-04
___ 3GRX-05
___ 3GRX-06
___ 3GRX-07
___ 3GRX-08
___ 3GRX-09
___ 3GRX-10
___ 3GRX-11
___ 3GRX-12
___ 3GRX-13
___ 3GRX-14
___ 3GRX-15
___ 3GRX-16
___ 3GRX-17
___ 3GRX-18
___ 3GRX-19
___ 3GRX-20
___ 3GRX-21
___ 3GRX-22
___ 3GRX-23
___ 3GRX-24
___ 3GRX-25
___ 3GRX-26
___ 3GRX-27
___ 3GRX-28
___ 3GRX-29A
___ 3GRX-30
___ 3GRX-31
___ 3GRX-32
___ 3GRX-33
___ 3GRX-34
___ 3GRX-35
___ 3GRX-36
___ 3GRX-37
___ 3GRX-38
___ 3GRX-39
___ 3GRX-40
___ 3GRX-41
___ 3GRX-42
___ 3GRX-43

Information
___ 37 disk set = $55.50
___ 3INF-02D
___ 3INF-03
___ 3INF-04
___ 3INF-05
___ 3INF-06
___ 3INF-07
___ 3INF-08
___ 3INF-09
___ 3INF-10
___ 3INF-11
___ 3INF-12
___ 3INF-13
___ 3INF-14
___ 3INF-15
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___ 3INF-27
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___ 3INF-32
___ 3INF-33
___ 3INF-34
___ 3INF-35
___ 3INF-36
___ 3INF-37
___ 3INF-38
___ 3INF-39

Membership Directory
___ 3MRD-01
___ 3MRD-02

Miscellaneous
___ 20 disk set = $30
___ 3MSC-01
___ 3MSC-02
___ 3MSC-03
___ 3MSC-04
___ 3MSC-05
___ 3MSC-06
___ 3MSC-07
___ 3MSC-08
___ 3MSC-09
___ 3MSC-10
___ 3MSC-11
___ 3MSC-12
___ 3MSC-13
___ 3MSC-14
___ 3MSC-15
___ 3MSC-16
___ 3MSC-17
___ 3MSC-18
___ 3MSC-19A
___ 3MSC-20

Pascal
___ 20 disk set = $30
___ 3PCL-01
___ 3PCL-02
___ 3PCL-03
___ 3PCL-04
___ 3PCL-05
___ 3PCL-06
___ 3PCL-07
___ 3PCL-08
___ 3PCL-09
___ 3PCL-10
___ 3PCL-11
___ 3PCL-12
___ 3PCL-13
___ 3PCL-14
___ 3PCL-15
___ 3PCL-16
___ 3PCL-17
___ 3PCL-18
___ 3PCL-19
___ 3PCL-20

Repairs
___ 11 disk set = $16.50
___ 3REP-01
___ 3REP-02
___ 3REP-03
___ 3REP-04
___ 3REP-05
___ 3REP-06
___ 3REP-07
___ 3REP-08
___ 3REP-09
___ 3REP-10
___ 3REP-11

TeleCommunications
___ 13 disk set = $19.50
___ 3TEL-01
___ 3TEL-02
___ 3TEL-03
___ 3TEL-04
___ 3TEL-05
___ 3TEL-06
___ 3TEL-07
___ 3TEL-08
___ 3TEL-09
___ 3TEL-10
___ 3TEL-11
___ 3TEL-12
___ 3TEL-13

Utilities
___ 56 disk set = $84
___ 3UTL-01A
___ 3UTL-02
___ 3UTL-03
___ 3UTL-04B
___ 3UTL-05A
___ 3UTL-06
___ 3UTL-07
___ 3UTL-08
___ 3UTL-09
___ 3UTL-10
___ 3UTL-11
___ 3UTL-12
___ 3UTL-13
___ 3UTL-14
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___ 3UTL-19
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___ 3UTL-22
___ 3UTL-23
___ 3UTL-24
___ 3UTL-25A
___ 3UTL-26
___ 3UTL-27
___ 3UTL-28
___ 3UTL-29
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___ 3UTL-40
___ 3UTL-41
___ 3UTL-42
___ 3UTL-43
___ 3UTL-44A
___ 3UTL-45
___ 3UTL-46
___ 3UTL-47
___ 3UTL-48
___ 3UTL-49
___ 3UTL-50
___ 3UTL-51
___ 3UTL-52A
___ 3UTL-53
___ 3UTL-54
___ 3UTL-55
___ 3UTL-56

Word Processing
___ 7 disk set = $10.50
___ 3WDP-01B
___ 3WDP-02
___ 3WDP-03
___ 3WDP-04
___ 3WDP-05
___ 3WDP-06
___ 3WDP-07

Note: Some disks may contain Shareware. Please remit to the author of the program the requested amount if you use that program.

Mail this form with your check to :
Disketeria
Washington Apple Pi
7910 Woodmont Avenue, Suite 910
Bethesda, Maryland 20814

Are you a member of Washington Apple Pi, Ltd? Y/N ___. If Yes, Member Number _____.
All payments must be in U.S. funds drawn against U.S. banking institutions.
Non-members add $3.00 per disk to listed prices for 3.5" and $1.50 per disk for 5.25" disks.

# Disks	Member Price	Extended
3.5" Singles		
___ 4 or less @	$4.00	$_____
___ 5 or more @	$3.50	$_____
___ Sets (as marked)	$(above)	$_____
5.25" Singles		
___ 4 or less @	$2.00	$_____
___ 5 or more @	$1.75	$_____
___ Sets (as marked)	$(above)	$_____
+ postage $1.00/disk, max. $5.00.		$_____
TOTAL AMOUNT DUE		$_____

Name

Box Number, Apartment, Suite, etc.

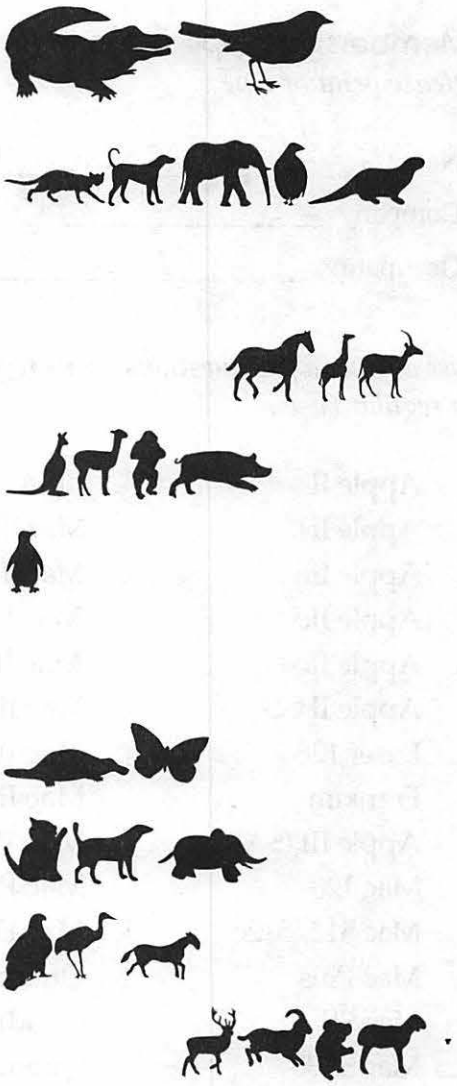
Street Address

City | State | Zip Code

Day Telephone | Evening Telephone

Please write disk numbers on a separate sheet of paper and include them with your order.

Classified Advertisements



Classified advertisements can be placed by mailing copy to the business office of Washington Apple Pi, Ltd., 7910 Woodmont Avenue, Suite 910, Bethesda, MD 20814. Be sure to include your WAP membership number and indicate area codes with your phone numbers. Ads must be received by the ad copy due date listed in the calendar page for that month in order to be included in the appropriate issue. Any ads postmarked after that time will be included at the discretion of the editor. Cost is $2.00 / line (40 characters per line), maximum 12 lines. Members of Washington Apple Pi, Ltd., may place ads up to three lines at no charge. The editor reserves the right to refuse any ads deemed inappropriate.

For Sale

—**Mac Software** - Flight Simulator 4.0, Scrabble, Prince of Persia, WriteNow 2.2, MacTools, $25.00 each; Fontographer $60.00, CricketPresents $45.00. Please call 301-422-2314

—**Mac Plus** 1/20MB, modem, Imagewriter II, lots of S/W $550.00. please call Bob at 703-360-1844.

—**HP LaserJet Printer Postscript Cartridge** along w/ doc. and TurboNet cabling for hook-up to Mac $99.00. Please call HR at 301-670-0884

—**Apple IIGS Package** $400.00 - CPU (1 MEG RAM), Monitor, Keyboard, 3.5, 5.25, Mouse, Joystick, System 6, Appleworks, Carmen World, C.Quest, Print Shop, Math Blaster, more. Please call Tim or Adam at 202-244-2695

—**Imagewritter II with cable.** Excellent condition. $175.00. Please call Bill at 202-397-5585

Wanted

Will Pay - 16" Apple Color Monitor $500.00, Supra Fax Modem $150.00, Apple Color RGB Monitor $15.00, Phonet Connectors $10.00, SCSI Cable Powerbook 30 x 50 $15.00, HP550C Color Printer $300.00. Please call Fred Lee 202-483-4274

—**Macintosh Tutor** wanted by new computer user in Bethesda area. Prefer a teenager and/or student. I can be reached via Maryland Relay 1-800-735-2258, then 301-229-6028.

Services

—**File exchange service offered**. Apple II to Mac or IBM. Can handle AppleWorks, Bank Street Writer, MultiScribe, WordPerfect IIe. $15/hour. Phil Shapiro, (202) 686-5465.

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Mac Plus/512 Power Supply $95
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Membership Application

Please print or type:

Name_____ Phone # (H)_____ Phone # (W) _____

Company _____ Address _____

Occupation _____ Sponsor's Name _____

Please answer a few questions for us regarding your computer use. Check the computers/ equipment that you use on a regular basis.

- ☐ Apple II
- ☐ Apple II+
- ☐ Apple IIe
- ☐ Apple IIc
- ☐ Apple IIc+
- ☐ Apple II GS
- ☐ Laser 128
- ☐ Franklin
- ☐ Apple III (SARA)
- ☐ Mac 128
- ☐ Mac 512/512e
- ☐ Mac Plus
- ☐ Mac SE
- ☐ Mac SE30
- ☐ Mac Portable
- ☐ Mac LC I, II, or III
- ☐ Mac Classic I, II, or C
- ☐ LISA
- ☐ Mac II
- ☐ Mac II x
- ☐ Mac II cx
- ☐ Mac IIc+
- ☐ Mac IIci
- ☐ Mac IIsi
- ☐ Mac IIfx
- ☐ Mac VX
- ☐ Mac PowerBook
- ☐ Mac Duo
- ☐ Quadra 700
- ☐ Quadra 900
- ☐ Quadra 950
- ☐ Newton
- ☐ Performa 200
- ☐ Performa 400
- ☐ Performa 600
- ☐ Centris 610
- ☐ Centris 650
- ☐ Mac II Other
- ☐ IBM or Compatible
- ☐ Non-Apple Laptop

WAP has many Special Interest Groups (SIGs) and Activities. Fill in letter next to area of interest. **J= Join Group, V= Volunteer**

AppleWorks SIG_____
Apple II GS SIG_____
Apple III SIG_____
Art SIG_____
CAD SIG_____
Database SIG_____
Disabled SIG_____
Desktop Publishing SIG_____
Disk Library_____
EdSIG (Education)_____
Excel SIG_____
Federal SIG_____
Game SIG_____
HOTLINE _____
HyperTalk SIG _____
Mac Programmers SIG _____
Music SIG_____
NOVA Educators Mac/Apple Users SIG_____
QuickTime SIG_____
Stock SIG_____
Telecommunications SIG (TCS)
Women's SIG_____

Enclose check or money order payable to ***Washington Apple Pi, Ltd.***

Basic Membership—1 year	$39
2 years	$67
3 years	$92
Student rate* (for 1 year)	$32

For other options please add correct amounts

- ☐ WAP Bulletin Board System (TCS)** **$9**
- ☐ 1st class mail (U.S.) **$17**
- ☐ Airmail to Canada, Mexico, West Indies or Central America **$20**
- ☐ Airmail to Europe & South America **$38**
- ☐ Airmail to Asia & elsewhere **$48**
- ☐ Surfact to Europe, Asia & Elsewhere **$18**

Total Enclosed $_____

*** Access to the TCS is contingent on WAP having a current home telephone number for the member.*

* Please enclose photocopy of current student ID

Indicate desired New Member kit (1 only)

- ☐ Apple II
- ☐ Apple II GS
- ☐ Apple III
- ☐ Mac 400k
- ☐ Mac 800 k

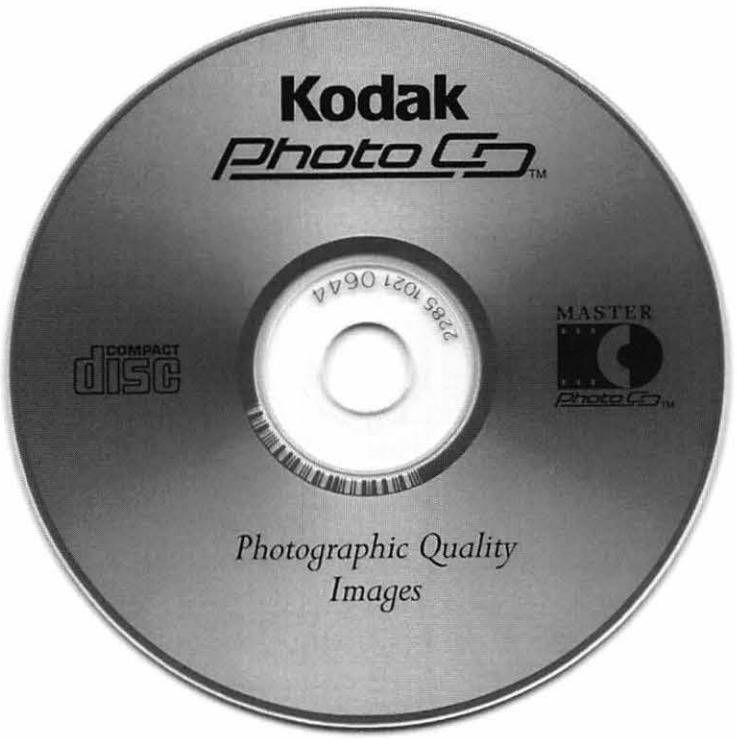
Please circle Yes or No for the 2 items listed below.

1. My name, address & phone number may be published in the membership directory Yes No
2. Please leave my name on the Pi mailing list. (The list never leaves the office and all mailings are supervised by the Pi staff.) Yes No

_____

Applicant signature and date

Photo CD will change the way you capture and store color images.



Forever.

Good

Our Kodak Photo CD scanner can scan about 100 images from 35mm slides or negatives onto a single Photo CD. Each image is stored at five resolutions. The highest resolution can produce a 7″ × 10″ color separation on a PostScript® imagesetter at 150 lpi. The cost per image is about $1.75 plus the price of the disc (under $10).

Better

Our Kodak Pro Photo CD scanner can scan about 25 images from 35mm slides or negatives or 2″ × 2″ and 4″ × 5″ transparencies onto a single Pro Photo CD. The highest resolution can produce a 14″ × 20″ color separation on a PostScript® imagesetter at 150 lpi. The cost per image is less than $15 plus the price of the disc (under $10).

The Publishers Service Bureau
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Washington Apple Pi, Ltd.
7910 Woodmont Ave., Suite 910
Bethesda, MD 20814
March 1994

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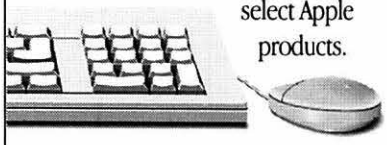

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These extended service programs are designed to provide you with maximum in Macintosh service. So stop by or call today. And learn the specifics about full service for your Macintosh.

Call us today for details on carry-in and on-site service.

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Quantum 105 Meg	$319	Apple PowerCD	$539
Toshiba 213 (Powerbook)	$599	PLI Syquest 44 (refurb)	$299
Quantum 240 Meg	$349	PLI Syquest 44 (new)	$369
Quantum 425 Meg	$499	PLI Syquest 88 (refurb)	$499
Fujitsu 520 Meg	$799	PLI Syquest 88 RW 44	$649
Fujitsu 1.2 Gig	$1,099	PLI 105mb Syquest	$659
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