

DOUBLE CLICK

A Monthly Publication of Macintosh Users East (MaUse)



April 1993

This Months Meeting April 28

By : Hugh Amos

This months meeting will be on Wednesday April 28/93 at ~~the location, St. Thomas Church, 1000 Main St. A map showing the location can be found on page 8 of this publication.~~

Dave Hudon of Claris Canada will speak on two software updates. ClarisWorks 2.0 and MacWrite Pro.

ClarisWorks 2.0 removes many of the limitations of the original ClarisWorks, thus making an excellent product even better!

MacWrite Pro is an upgrade to MacWrite II that has been long awaited.

Articles covering the main enhancements of these two products can be found inside this publication.

BBS Update

By : Justin Derrick

The BBS has been up and running for a few months now, and I just thought I'd give a quick update for those of you who have been reluctant to call the new BBS...

The BBS has grown significantly in the last few months, being tailored day by day to what you - the users - think the BBS should have in the way of conferences and files. Since it's release to the general public, several conferences including the virus conference, MacHelp, Hobbies, a new and improved files section and more has been created, as well as a variety of callers from Austria to Ajax to Orono to California.

Thank you to the users of the BBS, and especially members and executive of MaUse for making this happen.

Looking forward to chatting with you...
Justin Derrick

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MaUse
Macintosh Users East



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Data Compression: An Introduction

By: Justin Derrick

It has come to my attention that several users of the BBS are not familiar with the concept or ideas behind 'data compression.' This article will introduce the ideas and reasons for data-compression, a short explanation, and some of the common formats and some tips in regards to data-compression.

Data compression, can be defined as, a method or methods used to decrease the size of a file, to speed transfers, or decrease the amount of space that a file occupies. What this means is that you're saying the same thing, just in less words. What goes into the archive must eventually come out identical to the form before the process, or the entire process is not useful.

But why is it important? Data compression does one thing (makes files smaller) but it has two advantages. The first is in storage. Smaller files take up less space. The second advantage is reduced transmission time. Over fixed-speed devices, like modems, reducing the size of the files means shorter transmission times, and less expense in long-distance charges.

But how does it do that? There are many methods, and many different ways of making data take up less space. There is an entire science behind data compression, and we'll only scratch the surface. Let's just say that you have a file, and in it is this string, 'aaaaaaaaaaaaaaaaaaaaaaaaaaaaa' a different way of expressing this would be a(30). The first string takes up 30 characters of space, whereas the second only takes up 5 characters. This is the idea behind data compression, that is, expressing the same data in a smaller, more efficient way.

But why do I need decompressors? Because of the special way that data is represented, only special programs, like compressors and decompressors, can change this data back to it's original form.

What are 'Self-Extracting Archives' (.SEA files)? Self-extracting Archives are compressed archives with a tiny piece of the decompression program attached to it. SEA files are great to use, but, you trade off the benefits of data-compression by adding that extra piece of code to it. A lot of popular utility programs come in this format from BBS's especially because some users don't have decompression software on their machines, and it ensures that anyone can extract them. If a file is a SEA, it doesn't matter which compression method was used, since the program that created it also attached the Self-extracting program.

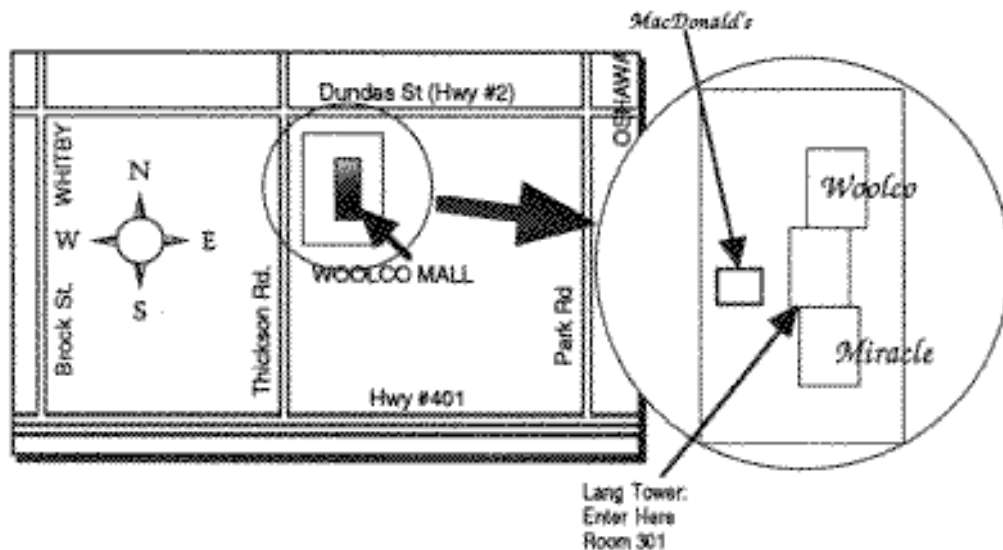
(Continued on page 5)



Your Apple Macintosh Dealer In Durham Region
 333 King Street West
 Oshawa, Ontario Ph: 433-7033

MaUse Meeting Location For Wednesday, April 28th, 1993

**EDS Conference Room #301
EDS of Canada
Woolco Mall
Whitby**



**Speaker: Mr. David Hudon
Claris Canada Limited**

**Subject: ClarisWorks 2.0
MacWrite Pro**

**Doors Open: 7:00 PM
Meeting Starts: 7:30 PM**

**The Easiest
Way to Organize
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and Time!**

In Touch

MacUser rated InTouch 1.0 "The best name and address DA for the Mac." Why? Because every In Touch feature was painstakingly designed to save you keystrokes and time. InTouch 2.0 adds integrated reminders, sorting, contact grouping, fax cover sheets, address books and many other new features making the best even better! And without question, InTouch 2.0 remains the easiest program of its kind to use!

InTouch 2.0 also includes Soap*, a remarkable utility that lets you print an envelope or label from your word processor without ever launching InTouch. Even if you don't know the address, just highlight the name in your letter, hit a hotkey, and Soap* will find the address in InTouch, paste it in your letter, and print an envelope with any of your custom printing layouts.

At \$99.95* InTouch 2.0 offers more than products twice the price.

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Special Deals For MUG Members!!

DocuComp® Now there's a unique and totally automatic way to show how one version of a document was changed to produce another. DocuComp, gives you version control and effortless revision tracking. It compares any two document versions and then finds changes as minor as an inserted comma and as major as a complete rearrangement of text. (MacUser, February 1991, 4.5 mice) "For any task that requires a clear indication of what

changes have been made, DocuComp can be an invaluable time saver!" A variety of screen and print formats allow you to choose the most practical way to present the results. DocuComp II now shipping!

Special DocuComp Price - \$90!

Intouch is the ultimate Macintosh utility for users at every level who need to stay in touch and organized. MacUser calls it "the best name and address DA for the Mac," 4.5 mice. It is a fully self-contained Desk Accessory (DA). It stores an unlimited number of names and addresses with up to 14 pages of notes attached to each address. Here is a summary of features provided by Intouch:

- Fast searching of names, addresses, phone numbers and notes
- Envelope and label printing and previewing; you can create up to 15 different envelope and label styles for different sizes, typefaces and layout options
- Easy and extensive telephone dialing options; you can, for example, set Intouch to dial "9" for an outside line, then dial your long distance carrier, the person you want to call and your credit card, all with one command key!
- Time and date stamping of notes to keep track of important telephone conversations
- Customizable printing with graphics in the return address and "message" fields
- Bar codes to speed the delivery of your mail
- Importing from QuickDex or any tab delimited text file
- Exporting to over a dozen popular formats
- Instant copying of addresses to and from other applications

Because Intouch is a DA, you always have instant access to your information when you need it! Use Intouch Network to share your contacts across a network. Buy Intouch now, and receive a free upgrade to version 2.0 later this summer.

Special Intouch Price - \$35!
Network 3-Pack - \$99!

QuickTools™ offers a tool chest filled with Macintosh utilities...

- Barricade is a simple computer security utility which locks your keyboard and blanks your screen. A password gets you back. Great protection from nosy neighbors and curious kids!
- Dialog Power! allows you to respond to any option in any dialog box by using your keyboard instead of your mouse.
- Functionality enables the Undo, Cut, Copy, and Paste function keys (F1 through F4)
- Instant Menus will bring your menus to your cursor! Have ever had to move your mouse a long distance (using a large or second monitor) to access a menu, you will appreciate this utility.

- Power Strip lets you launch documents, DAs and applications without navigating through the layers of the Finder. Assign a "button" to represent each application or DA on a strip that starts on the left side of your Mac. Power Strip is always available on your screen, but can "pop down" with a hot key. You can, for example, attach a list of documents to Microsoft Word and open any of them, a new file, or even assign one document you want Word to open every time!
- WorkSaver automatically saves your current document at specified intervals.
- Snipper allows you to capture or print any portion of your screen at any time; even in color! Snipper will also automatically capture and trim Windows and Menus; there is no need to touch them in your paint program. Images can be saved to a file, your Clipboard or Scrapbook.
- Sunset is an entertaining "screen saver" that blacks out your screen after you have stopped using your Macintosh for a specified period of time.

Special QuickTools Price - \$40!

July 2, 1992

To the MUG It May Concern:

We are convinced that MUGs are the best place to spread the news about interesting Mac products. Because we believe so strongly in the power of MUGs, here are three unbeatable offers:

1) Just by asking, we will give one full working copy of each Advanced Software product to you for review purposes and one copy for raffle. Demo disks of all our products are also available from us for uploading to your BBS or from AOL. Look for keyword "Advanced."

2) Your members are all able to buy any Advanced Software products for 50% off suggested retail price; that is, \$80.00 for DocuComp (from \$159.95), \$90 for DocuComp II (from \$179.95) \$35.00 for InTouch (from \$69.95), \$99 for InTouch Network 3-pack (from \$199.95), and \$40.00 (from \$79.95) for QuickTools. All they have to do is call us at (408) 733-0745 and confirm their membership (one of each product per member, please). Membership confirmation (membership cards or dues receipts) can be faxed to (408) 733-2335, or mailed with their order. This offer is available ONLY to your members, and we charge \$6.00 shipping per order. You will find that these prices are better than those in any of the mail order houses! We reserve the right to change our prices without notice.

3) DocuComp II is now shipping at an upgrade price of \$29.95. If you buy InTouch or InTouch Network at the special MUG price, you will receive a FREE upgrade to InTouch 2.0 when it ships in August.

If you need more information about Advanced Software or any of our products, please give us a call! Thank you for helping to spread the word.
Larry Lightman
President

Centris

Apple Introduces Macintosh Centris: Affordable, New Midrange Macintosh Line

MACWORLD, TOKYO--February 9, 1993--Apple Computer, Inc. today introduced the Apple Macintosh Centris line--new midrange personal computers that offer fast performance, flexibility, and expandability to mainstream business and professional users at an affordable price. The new line includes the Macintosh Centris 610 and Macintosh Centris 650, which deliver the power of the high-performance Motorola 68040 microprocessor at significantly lower price points.

"Our goal with the Macintosh Centris line is to deliver a good balance of performance, expandability and affordability," said Eric Harslem, vice president of Apple's Desktop Products division. "We are delivering systems designed to meet the requirements of a broad range of professional and business users who need a personal computer that will get the job done in a demanding environment. These users want systems that are flexible enough to grow with their needs.

"With the introduction of these systems, Apple is aggressively migrating 68040 processor performance down the Macintosh product line," Harslem added. "Until now, the entry-level 040 offering in the Macintosh family was a \$4,000 investment. Today we are unveiling an 040 system for less than \$2,000--delivering 040 power at half the price."

The Macintosh Centris 610 base configuration is priced at \$1,859 U.S. suggested retail price (SRP). The Macintosh Centris 650 base configuration is priced at \$2,699 U.S. SRP.

This product announcement also marks the debut of a new identity for the midrange of the Macintosh family. Today, Macintosh Centris becomes the line name for the Macintosh midrange.

At the same time, Apple announced that the Macintosh IIx and IIvi computers will take their place in the Macintosh Centris line as Apple's entry-level, multislotted systems. They retain their current names, and prices have been reduced significantly. Apple is also offering a Macintosh Centris 650 Logic Board Upgrade consisting of a Macintosh Centris 650 logic board with Ethernet and 8MB of DRAM. This upgrade allows Macintosh IIx and IIvi users to obtain the full capabilities of the Macintosh Centris 650.

Performance

The Macintosh Centris 610, which features a new low-profile industrial design, is powered by a 20MHz Motorola 68LC040 microprocessor. The Motorola 68LC040 is a new low-cost member of the 68040 processor family that does not include a floating-point unit. The Centris 610 offers up to two times the performance of the Macintosh IIx or IIci, and is ideally suited for people who value a highly responsive computer more than extra expansion slots.

The Macintosh Centris 650, based on the same flexible industrial design as the Macintosh IIx and IIvi, offers the highest levels of performance and expansion in the Macintosh Centris line. Powered by either a 25MHz 68040 microprocessor or 68LC040, the Centris 650 performs up to three times as fast as a Macintosh IIx or IIci. With the Macintosh 650 computer's accelerated video architecture, high-speed SCSI and optional on-board Ethernet, Apple continues to offer its customers a wealth of built-in features.

Expandability

Both Macintosh Centris systems come with an 8K cache and 4MB of DRAM standard. The 610 is expandable to 68MB of DRAM and the 650 is expandable to 132MB of DRAM. Both systems also offer a wide range of expansion slot options. The

Macintosh Centris 610 offers a processor direct slot (PDS) that accommodates either a PDS card, or a 7-inch NuBus card when combined with a special adapter. The Macintosh Centris 650 has three NuBus slots and one PDS. Both the Centris 610 and the 650 have a high-speed SCSI port, two serial ports, and an internal 5.25-inch drive bay. This bay can accommodate devices such as an internal CD-ROM drive, or other high-capacity removable devices such as a SyQuest drive.

Video Support

The Macintosh Centris 610 and 650 systems have built-in accelerated video to support all Apple displays. Both the 610 and the 650 come standard with 512K of VRAM to render up to 256 colors on monitors as large as 16 inches. Both new computers can be upgraded to 1MB of VRAM for displaying up to 32,768 colors on monitors up to 16 inches, and up to 256 colors on 19-inch and 21-inch monitors. The built-in video also allows both new Macintosh Centris computers to drive many VGA and Super VGA monitors (commonly used with DOS PCs) in 32,768 colors up to 800 x 600 resolution.

More Flexibility

The Macintosh Centris is "media-ready," with full stereo sound-out and mono sound-in. With an optional internal CD300i CD-ROM drive, users can have access to the hundreds of exciting CD-ROM titles currently available. And, with optional on-board Ethernet, interacting with other users on the network is faster than ever. Both the Macintosh Centris 610 and 650 can be purchased with an 80MB, 230MB or 500MB hard drive.

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END

LC III

Apple Introduces the Macintosh LC III

Apple Extends its Macintosh LC Line with Fast, Versatile, Affordable Slim-line System

MACWORLD, TOKYO--February 9, 1993--Building on the strong foundation of its best-selling Apple Macintosh LC II personal computer, Apple Computer, Inc. today introduced the Macintosh LC III, a fast, versatile and affordable slim-line computer. The new system delivers increased performance and new features that improve upon the popular Macintosh LC II.

"In 1992, the LC II ranked as the No. 1 seller in the Macintosh family. Our research also suggests it was one of the top-selling personal computers in the entire industry," said Eric Harslem, vice president of Apple's Desktop Products division. "The versatile Macintosh LC line has been extremely successful because it appeals to a broad range of customers in homes, education and business."

Added Harslem, "We continue to listen to our customers, and today we are responding with the Macintosh LC III, which incorporates the features our customers value most. First, we improved performance; second, we provided additional display options; and finally, we increased memory expansion."

Affordable

In keeping with Apple's corporate goal to make Macintosh accessible to more people, the Macintosh LC III base configuration has a U.S. suggested retail price (SRP) of \$1,349. To ensure customer satisfaction and protect customers'

investments, Apple is also offering a Macintosh LC III Upgrade Kit for \$599 U.S. SRP for Macintosh LC and LC II customers who wish to upgrade.

Fast

The Macintosh LC III provides nearly twice the performance of the LC II. Powered by a 25MHz Motorola 68030 microprocessor, the LC III features a 32-bit bus architecture that improves performance beyond what its clockspeed suggests.

Versatile

The Macintosh LC III comes with 4MB of DRAM standard, and offers significantly increased RAM expansion--36MB vs. a maximum of 10MB on the LC II. This means that customers can work with larger documents and multiple applications simultaneously. Customers also have the option to install a math coprocessor on the logic board. In addition, the Macintosh LC III can be purchased with an 80MB or 160MB hard drive.

The Macintosh LC III offers an LC processor direct slot (PDS) for specialized expansion capabilities such as high-speed Ethernet networking, Apple IIe emulation, and NTSC video-out and video capture. In addition, the LC III comes with on-board sound input and output, and a SCSI port for connecting to many types of peripherals such as external hard drives, scanners, and CD-ROM drives.

The Macintosh LC III supports a wide array of displays, including the Macintosh 12" Monochrome Display, the Macintosh 12" RGB Display, the Macintosh 14" Color Display, the Macintosh Portrait Display and the Macintosh 16" Color Display. The LC III comes standard with 512K of VRAM to support up to 256 colors on displays as large as 16 inches. LC III customers can work with 32,768 colors on the Macintosh Color Display by adding an optional 256K VRAM SIMM.

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END

**Data Compression:
An Introduction**

(continued from page 2)

Why are there so many types of compression? Well, because of the different methods used to compress and decompress files, there are different programs. Some offer ease of use, smaller archives, or speed in compressing and decompressing files. Compressed archives usually have a suffix added to the name of the file, to show you which type of compression was used to archive them. Here are a few of the most common ones.

.SIT	Stuffit Files
.CPT	Compactor Files
.DD	Disk Doubler Files
.PIT	Packit Files (Very old)

Compression Tips and Tricks

All current data-compression programs allow you to group files together to make archives. Think of it as compressing an entire folder. You can use this to send several files, in compressed format, either over a modem or on disk (if the files can be compressed to under 800K or 1.44MB).

Data files, such as database and spreadsheet files compress quite

well, meaning that the archives are significantly smaller than the original). Applications do not compress very well, because of the type of data in them.

Compressing small files (under 2K) can result in archives larger than the original files. (This is especially true if you add the self-extracting code to the archive). But, don't forget that 'grouping' lots of little files can still add up, and make your disk a little more tidy.

In Review...

Compressed files take up less space on disk, and take less time to send over modems. Compression expresses data in a smaller, identical format. Only compression or decompression programs (including Self-Extraction programs attached to archives) can read compressed archives. Different programs use different methods to compress different data.

**ClarisWorks 2.0
for Macintosh**

Product Description:

ClarisWorks 2.0 software is the complete productivity solution for business, education and home.

ClarisWorks 2.0 dramatically enhances the already #1-selling Macintosh Works product. It adds brand new capabilities such as outlining and presentations, and enhances each existing environment while retaining the superior integration, small size and speedy performance of ClarisWorks 1.0. And new Shortcuts make it even easier to use than the original award-winning version. The result is an even better value than ClarisWorks 1.0 that will appeal to a broader customer base of generalist users.

Target Customers:

- * Small and Medium Business users will find that ClarisWorks 2.0 is the only general productivity tool they'll need for creating standout letters, memos, reports, presentations, proposals, sales flyers, address books, contact lists and newsletters.
- * K-12 Educators will find ClarisWorks 2.0 to be an even better teaching tool with new important capabilities such as presentations, outlining, painting and Kermit support, yet retaining the simplicity, superior integration and size of the current favorite, ClarisWorks 1.0.
- * Large Corporations will minimize their hardware and software acquisition and training costs. The superior integration, consistent user interface and new Shortcuts feature in ClarisWorks 2.0 let new users and field staff using PowerBooks get the most out of their computer. And outstanding Claris customer support, combined with the product's on-line help and in-box training materials, ensure users will be productive from the start.
- * Mobile professionals will benefit from the program's small size -- which is still under 600K -- and speedy performance. And with its extensive file exchange capabilities, users can read and save files to most other popular software programs, even in multi-platform environments.
- * Higher Education students, faculty and administrators will use ClarisWorks 2.0 as a one-stop productivity tool. Its new outlining, full-strength word processor and extensive charting capabilities perfectly address the expanding needs of college users.
- * Home users will appreciate the excellent value ClarisWorks 2.0 offers them. At the same price as ClarisWorks 1.0, users get three completely new capabilities, more than 300 enhancements, and

Shortcuts to improve their productivity.

Key Enhancements:

New Capabilities

- * Complete outlining feature allows users to organize their thoughts and documents using seven popular outline styles including Harvard, legal, numeric and bulleted formats.
- * Presentation Slide Show with QuickTime support. Users can create dynamic slide show presentations complete with background and border colors, QuickTime movies and fade between slides. Presentations can be either manual or auto-advance.
- * Shortcuts offer push-button access to the 150 most frequently used commands such as spell checking, cell formatting or auto-summing. Just as with the menus, the icon palette automatically configures itself to the environment being used (e.g. text or spreadsheet).
- * Full-color paint capabilities and 32 gradient fills allow users to add even more striking graphic effects to documents.
- * With all these new capabilities, ClarisWorks 2.0 is still under 600K.

New Word Processing Features

- * Automatic text wrap around graphics creates more professional-looking brochures, flyers, newsletters and more.
- * Custom text styles allow users to create, name and save frequently-used text styles for instant access.
- * Individually variable column widths. Users simply click on the column controls button to automatically add columns to their layouts; then visually adjust column size by dragging the column to the preferred width.
- * Show and hide invisible characters allow users to view all format commands in their documents for accuracy.
- * Expanded spell check selection. Users can now spell check either their entire document or only specific blocks of text.
- * Original date and time clock permanently reflect the original date and time a document was created.

Expanded Charting and Spreadsheet Capabilities

- * Hi-Low-Close charts are ideal for tracking pricing trends, such as stocks, with defined beginning and end points.
- * Combination charts allow users to combine chart options -- like using a line chart with a bar chart -- to illustrate contrasting data more effectively.
- * Pictogram charts translate plain numeric data into compelling charts that graphically depict data.
- * Unparalleled chart format customization. Users can customize any or all of their charts -- change fonts, styles, adjust orientation, title and legend placement and size, select symbols, colors, scales, patterns, 3D and more.
- * Spreadsheet cell wrap. When cell wrap is applied, text automatically wraps within the cell boundaries.
- * Lock Title option locks column headings in place so they remain in constant view for quick reference as users scroll through documents. This also reduces the need for screen splitting.

New Database Features

- * Automatic field entry from pop up menu. Users can save time and avoid repetitive data entry by creating a pop up list of data. This also ensures data consistency and accuracy.
- * Automatic serial numbering.
- * Automatic date, time, creator, and modifier stamps.
- * Automatic field validation (uniqueness, within range, emptiness).
- * More than 50 predefined Avery label formats make it a snap to generate labels.

Graphics Enhancements

- * Color paint environment includes 18 tools and six

transformation effects.

- * Gradient palette adds pizzazz to presentations with 16 black and white and 16 color gradients.
- * Bezigon and Polygon drawing tools make it easier than ever before to create and style curves and shapes.
- * Repeat Object Placement simplifies the placement of duplicate graphics by automatically placing duplicates of graphics in equidistant sequence from the original.

Communications

- * Kermit file transfer protocol enables educational institutions and others that use this protocol to send files easily.
- * Phone Book. Users can enter all frequently used phone numbers into the Phone Book. Then, by simply selecting the name of a person they wish to contact, the phone number is automatically dialed.

System 7 Support

- * Publish and Subscribe
- * Apple events
- * Balloon Help.

In-Package Support Materials:

- * Users Guide
- * Getting Started Guide with tutorial
- * Quick Reference Guide
- * Context-sensitive Help system
- * Free America Online software and registration to access online support.

Support Services for Registered Owners:

- Customer Relations
 - * Maintains registered customer database.
 - * Handles non-technical questions, i.e., registration status, etc.
 - * (408) 727-8227
 - * Phone lines staffed from 8 a.m. - 5 p.m. PST, Monday through Thursday and 8 a.m. - 2 p.m. PST, Friday.
 - * (800) 544-8554 for product upgrade order forms and instructions.

Technical Support

- * Handles technical questions, problems with operating the software.
- * Consists of a dedicated team of Technical Support Specialists.
- * (408) 727-9054.
- * Phone lines staffed from 6 a.m. - 6 p.m. PST, Monday through Thursday and from 6 a.m. - 2 p.m. PST, Friday.
- * 24-hour Voice AnswerLine, (800) 735-7393.
- * 24-hour Fax AnswerLine, (800) 800-8954.
- * Support is also available through Claris forums on America Online and CompuServe.

System Requirements and Compatibility:

- * Macintosh Classic, LC, Plus, SE, II family or portable computers.
- * Requires 2 floppy disk drives and 1 MB RAM (use of Communications module requires hard disk and 2 MB. System 7 users require 2 MB.).
- * Hard disk recommended.
- * System 6.0.5 or higher.

Price and Availability:

- * \$299 suggested retail in the U.S.
- * \$99 upgrade price in the U.S.
- * \$129 U.S. competitive trade-up through September 30, 1993.
- * ClarisWorks 2.0 will be available in the U.S. in March, 1993.

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Prices and availability of products and support services are subject

to change.

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MacWrite Pro

SANTA CLARA, Calif. -- March 15, 1993 -- Claris Corporation today announced that MacWrite Pro, the Macintosh word processor for creating high-impact documents with ease, will ship this week and be available through authorized U.S. Claris resellers.

MacWrite Pro, loaded with 130 new productivity, desktop publishing (DTP) and data sharing features, offers the best value in Macintosh word processing at half the price of competing programs such as Microsoft Word and WordPerfect. These features enable users to quickly generate professional-looking documents that incorporate text and non-text information, including graphics, tables, charts and sound.

"MacWrite Pro appeals to a broad community of word processor users and has been well-received by our beta sites in business and university settings," said Steve Pollock, Claris director of product marketing. "In addition, we anticipate strong acceptance from first-time Macintosh buyers looking for an easy-to-learn word processing program that will grow with them as their needs expand."

Powerful, Time-Saving Productivity Tools:

MacWrite Pro brings sophisticated functions to users through a powerful yet accessible set of productivity tools that speed learning and document creation. Among its many new features are floating tool palettes which can be placed anywhere on screen and provide one-click access to text formatting, styles, tables, notes and pictures. MacWrite Pro adds paragraph and character styles, which can be saved and reused in all documents. Also new is a one-step table capability, which automatically creates a table from selected text with the correct number of columns and rows, and features individual cell merging, sorting, and formatting.

"MacWrite Pro offers a powerful and wide range of new capabilities, like floating tool palettes and tables, while still being simple to use," said Andrew Schachter, Macintosh director for Canada, Chiat/Day Inc. Advertising. "I can create professional looking documents without dependence on the product manual."

Detailed document statistics (including character, word, line and paragraph count), auto-save and back-up capabilities have been added and an enhanced mail merge lets users generate personalized form letters, mass mailings and lists using FileMaker Pro and other applications. In addition, multilingual spell-checking and thesaurus capabilities let users proof documents containing text in several languages simultaneously (including English, British English, French, German, Italian and Spanish) without swapping dictionaries.

Easy Access to Desktop Publishing Benefits:

MacWrite Pro allows even novice users to create professional-looking documents using easy-to-use DTP and presentation functions previously found only dedicated page layout packages.

With its new frame-based design, MacWrite Pro lets users place text frames, tables, graphics, and notes anywhere in the document. Frames, which can float with text or be fixed to the page, feature scaling and cropping of graphics, as well as borders, color fill-ins and patterns. Text can be wrapped around all types of frames, including non-rectangular objects. Additional layout capabilities include character tracking, precision zooming for exact editing, and WYSIWYG page guides which let the user change margins, columns, and headers and footers just by dragging on-screen.

MacWrite Pro also provides robust long document formatting with the new sections capability that provides multiple headers and footers, chapter end-notes, and variable column formatting that lets users change the width and number of columns throughout the document.

Seamless exchange of text and graphics:

Building on the file translation capabilities of its predecessor MacWrite II, MacWrite Pro adds a range of capabilities allowing users to easily share information with other programs and people. Publish & Subscribe support under System 7 allows for incorporating "live" text and graphics elements from other applications, such as Excel charts or MacDraw Pro illustrations, even with other users over a network. For settings with different word processors and computers, MacWrite Pro can import and export files from WordPerfect, WriteNow! and Macintosh, DOS and Windows versions of Microsoft Word, as well as 20 other popular Macintosh and PC formats. Additional translators are available through third parties such as Dataviz, Inc. Also, graphics files may be inserted anywhere in MacWrite Pro documents in TIFF and EPSF formats, in addition to previously supported formats such as MacPaint, PICT, and PICT2.

System Requirements and Support:

Requiring only 2.5 megabytes of memory under System 7 (1 MB under System 6) and 2.7 MB of disk space for all program files, MacWrite Pro is accessible to virtually all Macintosh users, particularly first-time computer purchasers choosing lower memory and hard disk options. In addition to Publish & Subscribe, MacWrite Pro adds support for a host of System 7 capabilities, including Balloon Help, Virtual Memory, True Type and required Apple Events.

Pricing and Availability:

MacWrite Pro, which replaces MacWrite II in the Claris product line, is now available for a suggested U.S. retail price of \$249. Current U.S. owners of any version of MacWrite may upgrade to MacWrite Pro for a suggested price of \$69 through June 30, 1993. In addition, current U.S. owners of Microsoft Word for the Macintosh, WordPerfect for the Macintosh, T/Maker's WriteNow, and other Macintosh word processing applications may sidgrade to MacWrite Pro for a suggested price of \$69, also through June 30, 1993.

Claris Corporation, a leading worldwide vendor of Macintosh and Windows software, is a subsidiary of Apple Computer, Inc. with headquarters in Santa Clara, Calif.

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About Double-Click

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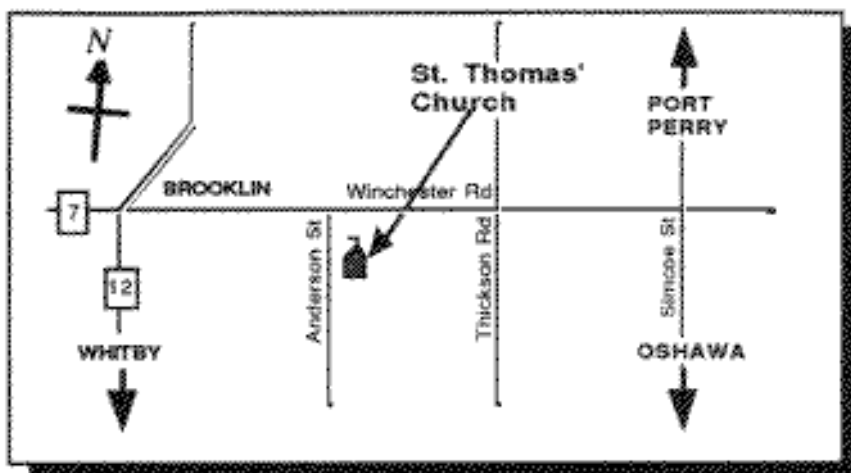
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This month's issue of Double-Click was produced using Clarisworks, a product of Claris Corporation.

Typefaces:

Headers are set in Helvetica
Body type is set in Times

MaUse Meeting Location & Schedule



Members of the general public, guests of MaUsE members, and all regular MaUsE members are invited to attend any of MaUsE's membership or Executive meetings. It is NOT necessary to bring your Macintosh with you...all that's required is an interest in Macintosh computing.

Listed at right is the schedule for 1992. Membership meetings are generally held at St. Thomas' Church in Brooklyn (see map above) starting at 7:30PM. Shareware disk sales begin at 7:00PM. Executive meeting locations vary...call ahead to confirm exact locations/times.

Month	Exec Mtg	Member Mtg
April	1st	28th
May	6th	26th
June	3rd	23rd
July	1st	28th
August	5th	25th
September	2nd	22nd
October	7th	27th
November	4th	24th
December	2nd	22nd
January	6th	26th
February	3rd	23rd
March	3rd	23rd

Acknowledgements

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