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April '92

# AtariUser

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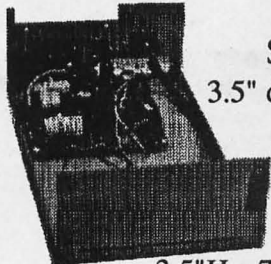
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(Board w/chips- \$163)
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- AdSpeed- \$239
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- Vidi ST - \$124.95 Vidi-Chrome ST - \$34.95
- Z-Keys (use IBM keyboard) - \$59.95



## The Super Exclusive That Never Was...

The Atari market is in a particularly convoluted state as I write this. New computers for Atari look to be incredibly encouraging but elusively out of reach or sight. Calamus SL is here and dazzling and frustrating at the same time. The economy is... well, you know. Yet Atari sales, plus sales of Atari software, continue at a rate higher than the overall economic environment would seem to predict, and new products continue to be introduced.

Anyway, good news: we missed April Fool's day; bad news: our April issue is about a week late due to our decision to hold the issue for more specific information about the new line of computers from Atari. Last month, we promised a major spread and pictures. During the past week, that expectation crumbled as Atari postponed the introduction of their new computers and clamped a lid on information. See the story of CeBIT in our *NewsEdge* section for the details such as we can pass along.

A test-drive of the new and exciting **Calamus SL** is featured this month. A more detailed examination and workout will come later, after an initial series of maintenance updates are issued. And two pages of updates to our national **AU Dealer List** make a Resource Update this month. Coming soon: our annual comprehensive AU's National User Group **Directory!**

We told you we'd have more **Telecom** items in this issue, and they aren't here. Illness and other projects have interfered with AtariUser this month as well, and we've since made adjustments to see that future vulnerability to this sort of delay is limited. We have a wealth of information in hand, but it simply wasn't ready for print at press time. It will be next month, with reviews of popular BBS programs and techie info on FAX modems, high speed protocols and new low price telecom hardware. And how to tell what you are buying!

Also next month we'll have a complete report on the TAF show coming up in Toronto, Canada. Check out AU's **AtariLand Calendar** on the back page of this and every issue for details of what, where, and who is happening in your Atari community.

—John Nagy, Editor-In-Chief, AtariUser Magazine



## ENVIRONMENTALLY SANE!

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AtariUser is your magazine and we need your input. We'd like to hear from you! Send your subscriptions, comments, suggestions, complaints and submissions to AtariUser at 113 W. College St., Covina, CA 91723.

April 1992

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<i>The long awaited super-professional publishing package,</i>	



Calamus SL is now shipping. Editor John Nagy slips behind the wheel, fastens his seat belt, and gives you his first impressions of this impressive modular DTP package. What does John have to

say about it...? Summing it up in only one word... Wow! Plus the latest news on Calamus S and PostScript output.

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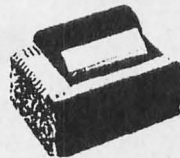
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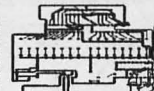
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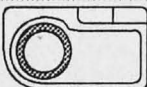


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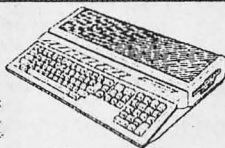
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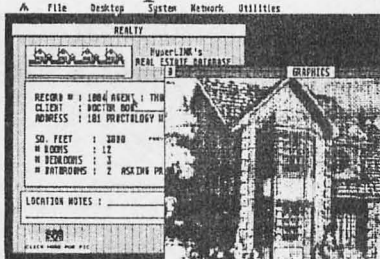
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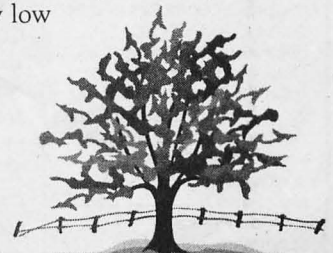
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# AU News Edge

## Atari Shaping its Future...

### Lynx Ad Contract

According to the Wall Street Journal, Atari has signed an advertising contract for the Lynx with Hal Rinney & Partners for \$7 million, following pre-Christmas test marketing in Los Angeles. The firm customized a UK television commercial for presentation in the US market and the LA tests were nothing short of spectacular. Plans now call for a new nationwide campaign in April. New television commercials, developed by Hal Rinney, will be used worldwide.

### New Execs — New Plans

Atari has recently hired seven new executives in an effort to bolster the Atari's plans for a worldwide rebound. Tony Serra, General Manager of Atari Australia and former managing director of Commodore Computers in Australia, brings to Atari a wealth of experience in consumer and technical marketing; Scott MacDonald is also new to Atari Australia filling in the controllers position "Down Under" — Gary Weiner a senior level marketing specialist with over 20 years of industry experience has recently joined Atari in Sunnyvale as corporate vice-president of marketing and sales; the new Atari vice-president of quality assurance, Maxie R Smith, Smith brings a solid background in opto-electronics engineering and semiconductor engineering and will be a valued addition to Atari's manufacturing efforts; Lutz Lange is the newly appointed sales manager for Atari Germany; Dieter Pruess is Atari finance manager for Atari Germany and Richard Maunday is the controller for Atari UK.

### "Atari Brand" Magazines

Atari France, UK and Italy are now publishing periodicals aimed at distributors and customers. These are slick, glossy full color issues running up to 100 pages. Contents include news about Atari developments in software and hardware, music applications and video games. "Atari News" has a circulation of 18,000, and is published by Atari Italy every two months using Calamus. In England, "Atari Reports" has been sent to 4000 independent dealers. "Atari Magazine" published in French and circulated in France, Belgium, Switzerland and French Canada.

### Atari Base USA

The Atari Base USA BBS is now operating and receiving calls at (408) 745-2196, 24 hours a day, operating as FNET Node #319. A US Robotics DS 14.4K modem is online. There are currently over 15 FNET based conferences available on Atari Base, including Z\*Net Online Magazine issues. Many Atari officials are available on line to answer questions and offer user support.

### Atari as Centerfold?

In March, the 1,500,000 circulation LA Computing Magazine featured a center dual page full color advertisement by Atari Corporation. The ad offers a Desktop Publishing bundle for \$2,999: Mega STE2 with 50 Meg hard disk, SM147 Monitor, SLM605 Laser Printer, Migraph Hand Scanner, and choice of PageStream or Calamus. Along with the full screen shots of Atari software was a listing of dealers from across the country participating in this special offer. Expect more advertising all year from Atari.

### Which Atari is Which?

Confusion often abounds when Atari Corp and Atari Games are discussed. Atari GAMES used to be a Warner owned company, separate from Atari Corp., and only makes arcade games under the Atari nameplate. Home game titles manufactured by Atari Games are under the brand name TENGENT. Plain old "ATARI" or Atari Corp. refers to the computer company. Even the Lynx and video game consoles are by Atari Corp, not Atari Games. Confusing more reports lately is the fact that BOTH Atari Games and Atari Corp. are in lawsuits with Nintendo over alleged unfair business practices which both Ataris claim has inhibited competition and monopolized the game market. Atari Games was sued for breaking the Nintendo lockout

chip and manufacturing games that Nintendo claims violate their patent. Atari Corp sued Nintendo for business agreements that prevented game makers from selling to anyone but Nintendo. The fray isn't over... but now you know who's on first.

### Atari on TV — Sort Of...

Last month we told you to look forward to the PBS Computer Chronicles show for what was expected to be extensive coverage of Atari at the NAMM music show. The February 25th edition of Computer Chronicles, however, featured a disappointing segment, under 3 minutes long, on the bustling Atari booth. A brief mention of the Atari Music division, fast looks at some music

### WELCOME TO POWERPOINT

Chris Latham, author of the Universal Item Selector and the Universal Network (marketed by A&D Software) has formed a new company and announced that he will offer no further support of the earlier products or company. Latham's new company is called PowerPoint Software, and the first product from his new company is PowerNet, billed as the most powerful networking system to date for the Atari ST/TT line of computers. Similar to his earlier network design, the system works with Midi, LanTech LT101 and LT201 cartridges, as well as with the Mega STE/TT Local Talk ports. PowerPoint is offering a limited 'trade-in' for registered owners of Universal Network or SGS Net network software. The upgrade plan offers a complete 2-Node 'Starter Set' of PowerNet for 50% off of the regular \$99 price. To participate, owners of the products must send in their FORMATTED original master program disks along with \$49.50 (plus \$5 S&H). Additional Nodes are \$55 each; Midi connector boxes are \$20 each; Local Talk connector boxes are \$25 each; and a special 'Midi 2-Node Package' (complete with 2 connector boxes) is \$120. PowerPoint Software, P.O. Box 942, Merlin, OR 97532, phone 503-479-6635. ■



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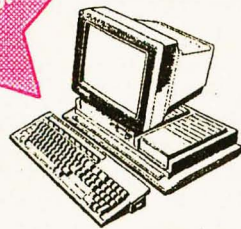
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## Atari Pulls Planned Announcement — Sparrow Previews

At the CeBIT Computer Show in Hannover, Germany, Atari privately showed a single new machine to select developers. While Atari had announced that it would have new mystery hardware at the show, it was expected by all—including Atari—that the machine would be complete and ready for public showing. It wasn't.

Only a few weeks before the March 10-16 show in Germany, Atari officials backed off of their confident plans to show the new machine at the TAF show in Toronto in early April and at the Boston Computer Society in late April as well. The Boston affair is now on hold for a later date, perhaps in the fall of 1992, and perhaps to show an entirely different machine than what had been planned only a month ago.

CeBIT is the world's largest computer fair, with 5,000 exhibitors in 20 halls and half a million visitors this year. CeBIT stands for "Welt-Centrum-Buero, Information, Telekommunikation," which means "World Center - Office, Information, Telecommunications." The Atari area was in its regular place, with 50 developers showing their Atari products in it.

While the showing of the new Atari computer was intended to be private, the insatiable curiosity of the public (and press!) had leaks posted on major telecommunications services within hours of the showing. Atari itself has a firm "no comment" on the details as posted via witnesses, press representatives, and others. Some of the data is conflicting, and some developers have gone so far as to say that they know that at least a portion of the information is in error. However, we present the information as presented, for what it is worth. Take it with a grain of salt, and remember that even if parts of these specifications are true today, they may change before production of any similar machine!

Name — FALCON 030 (although this is declared incorrect by at least one developer). The machine had been under a code name of "Sparrow," which appears to cover the entire project rather than this specific machine. The Falcon name had until now been reserved for guarded talk about a 68040 project. CPU: 68030, running at 16 or 33 MHz (conflicting stories). Configuration: one piece case, looks like a 1040STe but in all black, similar to the NeXT computers. The unit shown was said to have 8 meg in it and allow up to 14 meg of RAM and use a DSP 56001 signal processor, the same as in the NeXT, which can give great digitizing power for CD quality stereo sound. Graphics: all ST/STE/TT resolutions except 1280 x 960, plus 640 x 480 x 65,535

of 256,000 colors (a conflicting version says perhaps 32,000 palette with near photo-quality images). A built-in 2.5" hard disk is mentioned in several stories, along with SCSI ports (as PLI brand SCSI-only external drives were attached in the demo). All normal MegaSTE/TT connectors (perhaps not ACSC), ST and STE joystick ports, plus LAN connector. HD floppy drives are "expected" by all versions of the story. TOS: a new "MultiTOS" completely multitasking system.

The new machine is "expected" to be available "before September 1992" for something like \$1,200 base price.

According to the translated account of Christian Strasheim of the German "Atari Journal" magazine, "During the press conference Jack Tramiel made it clear that the Falcon/030 will improve applications in the matters of speed, graphic and sound dramatically, and set new standards for the future. This will allow new applications in the entertainment section, where high quality games will only be the tip of the iceberg. The Falcon/030 will also be perfect for Multimedia applications, such as mixing video-signals with Computer-images or the digital working with sound-signals in CD quality, due to the existence of the DSP chip."

The MultiTOS was shown more publicly, and was confirmed by Atari's John Townsend to be based on Eric Smith's MiNT, an existing multitasking system for the Atari ST computers. While some sources say that MultiTOS will not be available for non-68030 computers due to their lack of memory protection, other reports say that a price for any user to upgrade has already been planned at around \$140.

Third-party multitasking solutions show at CeBIT included a new version of Maxon's MultiGEM and "MAG!X" from Bela that features a whole new desktop and interface.

Also hopeful for Atari watchers was the inference that the STBook, introduced at this same show a year ago, will finally be available for sale in April. ■

*Sources... Original German article by Christian Strasheim for Atari Journal/Issue # 05/92, translated into English for GENie's Germany RT (Page 725) by Michael Schuetz, quoted by permission. Frank Bell, in several messages on GENie telecommunication service. John Townsend, in messages on the GENie Atari ST Roundtable.*

software, snips of interviews with Mike Pinder (formerly the lead of the Moody Blues) and Mick Fleetwood (of Fleetwood Mac), and the half-hour show then switched to in-studio demos of... Mac, Amiga, and IBM hardware and software for musicians. Sadly, the enthusiasm of the remote crew at NAMM seemed to be outvoted by the show producers, and despite a voice-over during the Atari segment that called the Atari, "long the musicians' favorite," the bulk of the show dropped Atari altogether. Atari officials hope for another chance, later in the season, to push their products on the show.

## New Partnership

Telegames has announced a long-term relationship with Tradewest, one of the leading U.S. based coin-operated games manufacturers. As a result of this relationship, Telegames will publish selected Tradewest properties for the Atari Lynx. Telegames' initial Tradewest releases will be Double Dragon and Super Off-Road. Double Dragon may be played by one or two players, and will arrive at stores during July at \$39.95. Super Off-Road is an all-out dirt grinding race with up to four simultaneous players, to arrive at stores in August at \$39.95. Other Telegames Lynx

Atari News Edge

### NEWS NOTE

Check out the **AtariLand Event Calendar** on the back page of this issue of AtariUser for NEWS of shows and Atari appearances around the USA and the world!

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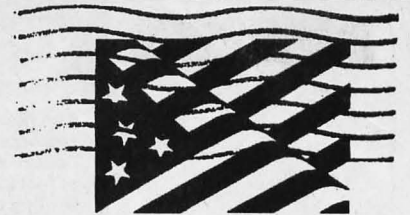
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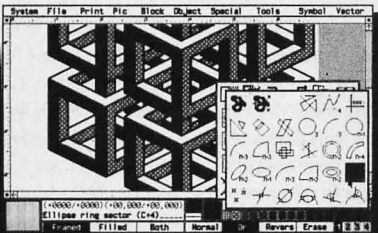
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## Viruses: Spared Michelangelo panic, you're not safe...

The Atari community has been spared the mass panic that the Michelangelo virus brought to the PC world—so far. The March 6th trigger caught many PC owners with infected systems, mostly from traded disks, and many hard drive systems were trashed. Statistics show that in the United States, as many as 400,000 IBM-compatible PCs are believed to be infected, with as many as 15% of all users finding a contact with the virus. Atari owners are warned not to feel too secure, as PC viruses can do their work on an Atari if used with an IBM emulator, as can MAC viruses if using a MAC emulator. And Atari viruses are more common than most users realize. Prudent owners will use a virus checking program often, and take great care to check any disks that come to them from any source, even commercially. ■

products will include: The Fidelity Ultimate Chess Challenge, Qix, The Guardians: Storm Over Doria, and Crazy Ace Miniature Golf.

### Oscar Time for Atari MIDI

Scott Gershin of Hollywood's Soundelux post-production sound studio has been nominated for an Oscar for his work in sound on the JFK movie. Scott does his work using Atari equipment for control of digital audio, using Hybrid Arts ADAP and other sound tools. Scott did sound for other recent films including Born on the Fourth of July, Honey, I've Shrank the Kids, and many commercials. The Soundelux audio library, developed on Atari equipment, is a popular set of effects that is most recently heard throughout the new Star Trek movie, as well. Scott Gershin and his use of Atari equipment were featured in the February Atari Explorer magazine.

### Show Your Pride

Chicago's Eastside Atari Users Group, under special agreement with Atari Corp., is selling Atari Lapel Pins. Only 300 of these pins were made for the Chicago Computerfest, featuring a blue background with the Atari name and fuji in silver with a military style clasp. An epoxy dome covers the pin to protect it from scratches. These pins are being offered on a first come first serve basis for \$5 each (\$4.50 in lots of 10 or more) from the Eastside Atari Users Group, 1504 Saratoga, Collinsville, IL 62234.

### ICD on GENie

ICD, Inc. is now taking another step forward in providing technical support to its many customers by opening a product support RoundTable on GENie. Makers of the most popular line of hard disk host adapters for the Atari, a line of hard drive kits and complete units, the AdSpeed accelerator, and other computer products, ICD's RoundTable will be hosted by Douglas N. Wheeler. Several other ICD employees will also frequent the RoundTable sharing their own expertise. The ICD RoundTable can be found at page 1220 or accessed with the keyword ICD from any GENie page prompt.

### SLM605 Reminder

Atari SLM605 Laser Printer owners are reminded that their printers are "blood brothers" to common Epson and other brand printers. The bonus comes in easy and cheap toner

sources. The specification for the toner is TEC LB-1305. TEC is the company that manufactured the units... and according to Missionware's John Trautschold, can be bought in the "Pelikan" brand (type 9191, in a blue and gold box) for only \$13.30 at "Office Max", a supply chain. Similar replacement brands should be cheaply available elsewhere.

### STacy Batteries

DragonWare Software Inc. has announced a new STacy Internal battery. At 2.2 pounds, the "Dragon Battery kit" will include a dealer installed cable and jack and one 2.2 amp/hour battery. According to the maker, this will give over two hours of use on one charge in a stock STacy. The kit also includes a fast charge option that will charge the battery in about two to three and a half hours, whether you are using the computer or not. If you use the standard STacy power jack, the battery will be kept at top charge at all times after an initial fourteen hour slow charge or a quick charge. The Dragon Battery Kit retails for \$94.95, while the Dragon Battery alone is \$74.95. DragonWare Software Inc., P.O. Box 1719, Havre, MT 59501-1719, phone 406-265-9609.

### Kidpublisher Upgrade

D.A. Brumleve has released a major upgrade to Kidpublisher Professional, plus a new product called Multiplay. Kidpublisher Professional is a desktop publishing program for children. The upgrade to version 6.4 adds new features including: a built-in coded font set for secret messages between users; a "mirror" option to create symmetrical drawing horizontally, vertically, or both; cover pages with date and centered titles. Registered users may upgrade their copies for US \$5 (plus \$1 shipping). The list price for the new version is US \$40. Multiplay is designed to help children aged 5-11 to commit basic addition and multiplication equations to memory, and to offer opportunities for the discovery of math patterns. Among the multitude of basic math drill programs, Multiplay is unique in the freedom of choice and opportunity for creative thinking and expression. The program consists of a Main Screen and three play screens: the Pattern Screen, the Puzzle Screen, and the Make Puzzle Screen. Multiplay, like all commercial kidprgs, is accompanied by an installation program which allows the parent or teacher to configure the child's disk to suit his/her needs and interests. The adult can pick and choose the options which will be available to the child and rerun the installation program to add options as the child's skills increase. This grow-as-you-grow approach allows

■ Some of AtariUser's News and Press information is provided by the Z\*Net International Atari News Service, a division of Rovac Industries, Inc., P.O. Box 59, Middlesex, NJ 08846, (908) 968-2024 voice, (908) 968-8148 BBS, GENie: Z-NET, CompuServe: 71777,2140.

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**Gemulator** is fully compatible with almost all Atari ST software, including word processors such as ST Writer and Word Writer, desktop publishers such as Pagestream 2.1, and drawing programs like Degas Elite and Prism Paint.

*Since you'll want to see it to believe it, Gemulator will be shown at this year's Glendale show. For more details send a SASE to the address below or visit our booth at Glendale.*

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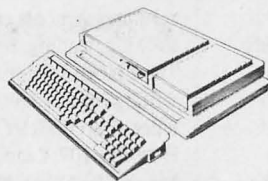
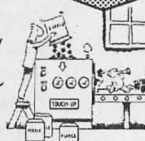
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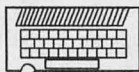
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## Publisher 2ST, New First Word Plus Version

### Long Awaited Timeworks DTP Upgrade Now Available

Publisher 2ST, the upgrade from the old Timeworks Publisher, as well as an updated version of First Word Plus are now being marketed in North America by ABC Solutions. The improvements in Publisher are sweeping; all the same features and file exchange with the PC version, plus file exchange with the old ST version; more graphic imports including EPS, GEM, and IFF; irregular shape text wrap; nine fonts with kerning control; TT compatibility; up to 6 installed printers at once. As did the older version, Publisher 2ST will run in color or monochrome. The upgrade from Timeworks Desktop Publisher to Publisher 2ST is \$89. You must send in the original Master Disk 1 and the cover page from the manual with your order. The outright purchase (non-upgrade) price is \$219. Add \$10 shipping and handling.

A maintenance release of First Word Plus which takes owners of version 3.xx to version 3.2 is now available. Major features include: full TT support; enhanced hyphenation control; clipboard retained on program exit; long pathnames handled by file selector; improved footnote handling. The upgrade price is \$20 plus \$5 shipping, to be sent in with the original Master Disk. Owners of versions 2.xx may call or write for special order details. A disk of First Word Plus printer drivers from GST is also available, including: Brother M1109, HR15, HR25; Canon BJ10, 300; Epson GQ3500 & 5000, LQ500, SQ; HP LaserJet, PaintJet, DeskJet; Star LC/NL10, LC24; Citizen 1200; Panasonic 1081, 1124; NEC 2200 and others. Call or write if your printer is not listed. The price is \$30 plus \$5 shipping and handling.

ABC is also the North American distributor for Home Accounts 2, which earned a Format Gold rating of 90% from ST Format magazine. For the Atari ST computers, Home Accounts 2 is a comprehensive home and small business financial management package with functions for multiple savings, checking and credit card accounts, budgeting, portfolio tracking and net worth reporting, graphing of results, and printing. Home Accounts 2 is priced at \$99 Cdn or \$85 US (plus \$10 s&h). Ontario residents add 8% PST; Canadian residents add 7% GST. ABC Solutions, 4040 Creditview Road, Unit 11-151, Mississauga, Ontario L5C 3Y8, phone 416-824-8484. ■

# ATARI NEWS EDGE

Multiplay to appeal to children throughout a wide age range. In fact, Multiplay appeals to beginners and math wizards alike! The retail price is US \$40. D.A. Brumleve, P.O. Box 4195, Urbana, IL 61801-8820, phone 217-337-1937.

### Low Cost DTP

PDC Corp. is offering an alternative to expensive desktop publishing programs for home users who really don't need much sophistication. EASY TEXT PLUS retails for \$69.95 and supports even 512K ST computers, with satisfying output on 9 pin, 24 pin, and laser printers (including the Atari SLM804 and HP Laserjets). Clip Art and text (ASCII and First Word) can be imported. Drawing and fill pattern functions are also supported. If ordering direct, add \$4 for shipping/handling and specify your printer type. PDC, 4320-196th SW, Ste. B-140, Lynnwood, WA 98036, phone 206-745-5980.

### Sudden View Now Available

After a long beta-test period, Sudden View is now commercially available via dealers. The many improvements include Moniterm support and a new small font available in monochrome. The innovative and fast responding text editor is unlike anything else available. Sudden View's most obvious feature is its ability to dynamically scroll text and move text blocks. The program responds quickly enough to move the text as the user moves his hand. A "Student version" is available at \$24.95 with all of the standard features and a one-hundred page manual as well as occasional "study breaks" (actually commercials for the full version). The Master version has several extra features for the advanced user but no study breaks. Owners of the Student version can upgrade to the Master version for \$40.00, or both versions can be

purchased initially for a suggested retail of \$64.95. Rod Coleman, Sudden Incorporated, 5081 South McCarran Blvd., Reno, Nevada, 89502, phone 800-421-4228.

### PageStream 2 Guide

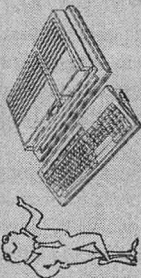
From the publishers of RADICAL TYPE, The I-Koen Design Guide to PageStream 2 is a reference guide for PageStream publishing, with charts of fill styles, halftone screens, line styles and object effects at 300 and 1200 dpi. It includes samples of PageStream fonts and standard PostScript fonts. Character set comparison charts for Soft-Logik, PostScript and Compugraphic fonts show you which characters are available in each type of font. Keyboard reference charts for Dingbats and Symbol fonts make selecting symbols easy. There are also text size, style, tracking, leading, reverse type and baseline shift samples. The I-Koen Design Guide also includes a reference to writing macros and lists keyboard equivalents. A 20 page letter-sized booklet, the guide is \$6.95. I-Koen Design, P.O. Box 107, Lazo, B.C., V0R 2K0, Canada (Moving in May to the USA). ■

### Portfolio Soft — "Hyperlist"

Atari Computer Corporation has released a new software application for the Portfolio handheld computer. Hyperlist is a unique filing system, often described as an "outliner" or "database", providing the opportunity to create extensive lists, then attach "child" lists to each item in the "parent" list. On paper, the data flow resembles an organizational or flow chart. Specific target markets include education, sales, medicine, law and general purpose. Hyperlist retails for \$49.95 and is available from Portfolio resellers. For more information on the Portfolio and its applications, contact Don Thomas, Portfolio Marketing Manager, 1196 Borregas Ave., Sunnyvale, CA 94088, phone 408-745-2000.

# MEGA DEALS!

## Mega STE & Monitor Deals!



We're hereby announcing a deal that will make your teeth sweat. Now, with the purchase of any Mega STE, you can get a color or monochrome monitor at a substantial discount. Now you can get a complete Mega STE system, with hard drive and monitor for the price you probably paid for your 1946T system! Consider it. To upgrade your existing ST, you might have to spend as much as \$150 to get comparable RAM upgrades, accelerators, new TOS versions, hard drives, and detachable keyboards. For well under that price, you can get a brand new Mega STE, which includes all of those upgrades, not to mention the VME card slot (for expanded video) and AppleLink compatible network port. And it includes a monitor! Why don't you give your old ST to a friend or family member (or keep it as a spare).

## Megas & Monitors!

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- **Mega STE 1MB RAM** \$849
- **Mega STE 2MB RAM** \$899
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- **1.44MB Floppy Disk Drive** \$139
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- **2 Year Warranty** \$79

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| • <b>Magnavox 1CM13 Color</b>    | \$259   |
| • <b>SC1224, SM147, Switch</b>   | \$309   |
| • <b>SC1435, SM147, Switch</b>   | \$499   |

### HARDWARE AFFAIRS

- Atari 1MB STE 1 Year Warranty \$359
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# A New Way of Doing Things... Calamus SL

It's been only a couple weeks since ISD Marketing sent AtariUser CALAMUS SL. In that time, I've barely scratched the surface of the potential of this newest entry in the prestigious field of Atari desk top publishing. I can say one thing with complete certainty and conviction: WOW!

## Complexity

My first clue to the depth and breadth of the new Calamus SL was the manual. Over 600 pages and being added to daily (more on that in a moment), the manual is nothing short of outstanding in length and detail. And readability. A product of ISD itself, the SL manual was done largely by Lou Rocha, who had but a 28 page command summary to begin with—in German. I hope that if the Starship Enterprise ever needs a manual for warp engine maintenance, Lou will still be around to do it. He takes the incomprehensibly complex and makes it merely obtuse. It works... with effort.

But can a beginner expect to go from zero to publishing using the manual and Calamus SL? Maybe, given enough years. Calamus SL is not for the faint hearted. It isn't even for the experienced user. SL is for professional users.

## Power

Over 1,000 commands. That's without reaching into the myriad of add on modules that enable Calamus SL to do just about anything. I have a wall chart of the main menus and icons of SL. It boggles the mind. Things that were one button in Calamus 1.09N are now a multi-step process. That's because your options have opened by an order of magnitude.

You used to set a text style to "outline" with a single click. Now, you first decide if the text will be opaque, inverse, transparent, and of what color or fill pattern. Next, select the outline functions and determine the same things about it, plus the thickness. You have to specify a different color or fill or the outline merges with the text. Want a shadow? Start over with the same options there, too. You see, color alone adds a whole new world to control. If you were cowed by the icon forest of Calamus before, run, don't walk, from SL. But if you want to have unmatched control of everything, SL simply sparkles.

Text control is now dramatic. Skew (like italicizing), compression or expansion vertically, and mirroring are now available for any font. And once you make a change in a font for any area, you have the option of defining and saving it as a text style for later use, even in another session

or document. Tag any text with that style, and a change to the style changes all the text. And the new editor, PKS Write, allows editing of text styles and text rulers right along with the text, making pre- or re-formatting text fast. And on-screen in-frame changes are faster now too, due to smart re-write routines that only clear and write areas of the screen that have changed.

The clipboard is now a major asset, allowing interactive transfer of elements from up to seven active documents at once. Rotations of EVERY kind of frame are offered. Virtual memory (caching to hard drive) allows document sizes up to one hundred thousand pages! Adjustments are available in 1/1,000 point increments. A macro record functions makes repetitive functions execute themselves with a single keypress of your choice. Yikes.

## Color

Moving to color from monochrome is a system shock. Speed becomes critical as four "plates" are being generated at once. Memory becomes critical for the same reason. A letter size photo in full 24 bit color at 300 DPI will take 22 megabytes by itself! Imagine that at 1,270 DPI. Yet, SL manages to move that data without major effort. It will support most any color adaptor card or monitor that offers at least 640 X 350 resolution (therefore, not the ST's SC1224). But a color monitor is not required for doing color—you just won't see real color during layout. That'll complicate matters, but industry standard color matching systems such as PANTONE (available on most PC and MAC high end software) are being developed for SL. A PANTONE module will be available someday, but a user (Dave Simmer) has independently generated Pantone simulations that should serve most users well in the meantime.

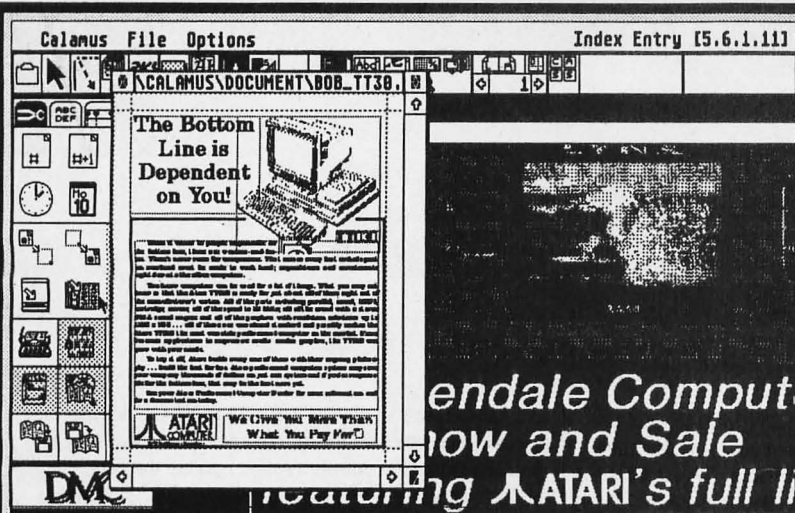
More color discussion will have to wait for a later article.

## Bugs?

Even though it has been over a year since first promised, Calamus SL is still very much a work-in-progress. Bugs and crashes are plentiful, although mercifully, most result in a dialog that allows you to save your work as you go unwillingly back to the desktop. Others bring up dialogs in German, prompting users to postulate what might be trying to be said. My favorite: "Geladine standardeinstellung", which Todd Johnson of Cherry Fonts guessed meant "Clutch the Chickens in the usual manner."

A number of features simply don't work at all. Some





■ Calamus SL offers up to seven open documents and interactive element swapping. Note the help message with manual reference page in upper left-hand corner!



▼ LEFTOVERS

Two months ago, AtariUser compared Calamus 1.09N and PageStream 2, and made some predictions about Calamus SL. Several predictions need updating...

**Calamus S** — According to Nathan Potechin of ISD, there WILL be a Calamus S, someday, that will replace Calamus 1.09N. But apparently not soon. The modular format of SL without the color capabilities (with resulting speed increases) and a lower price were to be the reasons for S, but development has focused on SL to date.

Upgrades for existing Calamus owners: Until May 1, 1992, owners of Calamus 1.09N can upgrade to SL for \$200. Retail for SL is \$795, and the upgrade path will not include some modules that are standard in the retail version, but these can be purchased for about \$100 more.

**Speed** — We indicated that SL would be slow, perhaps VERY slow on normal ST computers, and that an accelerator or a TT would probably be almost required. Wrong. SL turns out to be nearly as fast in screen redraw and printing as the speedy 1.09N. Complex pages using color separation and advanced features naturally take longer.

**PostScript Output** — SL will have a Dataformer output module "real soon" to provide a PostScript conversion of output pages. But not yet. And at extra cost when it comes.

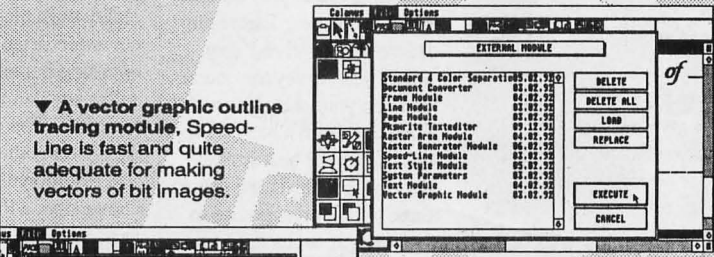
**Irregular text flow around graphics** — SL does not actually flow text around irregular graphics, but text flow is now controllable via definable "flow paths" and by positioning invisible raster or line frames to restrict the text flow on command. Thus, diagonal or even circular text borders can be achieved. ■

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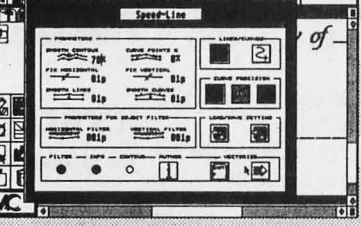


▲ Text styles can be created and saved for later use or for tagging.

▼ A vector graphic outline tracing module, Speed-Line is fast and quite adequate for making vectors of bit images.



▲ External modules can be separately purchased, loaded, and unloaded as needed for any function, now or later.



are grayed out, others await a fix that is promised in the next upgrade of the software. The first of those upgrades is due in mere weeks, so these should strike little fear in user's hearts. So I won't spend much time telling you about them—they may be gone before you read this. Suffice it to say that almost everything works, and still, there are more things broken than most software has things in total. ISD will be busy for some time.

As part of the process of making SL perfect, an unprecedented program is being offered by ISD where users can gain discounts on future purchases by assisting the userbase in work-arounds and innovative techniques. It's called USER-TO-USER, and details are available from ISD, and contributions have already added many pages to the manual for everything from finding workable raster densities to page numbering schemes. More data and fixes arrive daily on GENie telecommunication service in the ST Roundtable. At this time, GENie is almost a required accessory in order to use Calamus SL. I have the equivalent of 500 pages of messages and documentation for SL gathered through GENie—and I don't have it all yet.

**Modules**

Since SL loads external modules for most functions, the future is open-ended for Calamus. No import or export possibility is ruled out, and the more varied of them include video input frame capture and PostScript output. The DATAFORMER module will handle PostScript at about a \$100 cost. SPEEDLINE is an image tracing module

available now for under \$50 that converts bit images to traced outlines in vector format. Type Art will replace the font editors for Calamus and will do some of what Outline Art does now. Crescendo will convert polyphonic MIDI files to notated text-sheet music! A multimedia module will even take digitized sound and video for animated and interactive presentations. Nathan estimates that over 100 modules are now in development by DMC and third party programmers.

**Summing Up...**

There's more to Calamus SL than can be told in 600 pages. Too much, in fact, for anyone to take in completely. Even the crew at ISD find new things daily. The future looks incredible.

But should you buy it? The \$795 price tag will let anyone know that they are in for a professional level program, with professional level learning curves, for professional level output. It is simply NOT for casual users. If you are reasonably proficient at using Calamus 1.09N and have discovered that you MUST have more power, you will find it here at a reasonable upgrade price of \$200. If you find 1.09N to be more complex or to offer more power than you typically use or understand, don't bother with SL.

I'll bet that 80% of the SL buyers will never use the power they will have. But that's the nature of home computing, isn't it? If you DO upgrade to SL, keep 1.09N on your system too. You'll find it to be a joy to return to when you need simple layouts and want them fast. When you want the ultimate... SL will be there, waiting. — John Nagy ■

## RE:Views

### AWESOME GOLF

Forget those 5:00 AM tee-offs. With AWESOME GOLF, you can now play the links on the Lynx. This is a full featured golf game, allowing you to play on one of three courses. Each hole features an overhead map where you survey the course and aim your shot. You pick your club from a bag of 14, then take your best stroke, done with a power bar using three button presses: one to

start the swing, a second to set the strength, and a third to determine hooks, slices, and fades. To round things out, hints are available to beginners, and a driving range reports useful statistics.

AWESOME GOLF plays golf with detailed realism. Each club's range, usage, and effect on the ball are accurately duplicated, and the texture and properties of the terrain and green are crucial factors. Games can be for either 9 or 18 holes, feature three levels of wind, and handicapping of individual players. You can even select the clothing, race and sex of your player. The only flaw is the multiplayer option (up to four); the ComLynx option is almost pointless — it would have been easier to allow golfers to play on one Lynx.

Graphics on AWESOME GOLF are highly detailed and smoothly animated. Swings are seen from behind your player, while the ball's flight is viewed from overhead. Still images highlight events such as bogeys, penalties, and birdies. The voice of your caddie is occasionally heard, making remarks, congratulating strokes, and laughing at blunders.

A very good golf game, capturing the details of the sport with enough features to enhance its appeal. AWESOME GOLF should not be missed. Atari Corp., \$29.95.

### TOURNAMENT CYBERBALL

Welcome to the 21st century, where robots play in sports too deadly for humans.

This is TOURNAMENT CYBERBALL, the futuristic game based on American football—to a point. The ball heats up during play, so the offense must carry the ball far enough to cool it down, else face an explosion. Smart coaches save game funds to replace the basic robot

players with enhanced models at any time during play.



Up to four can play TOURNAMENT CYBERBALL, against each other or one of four computer coaches. On field, each player controls a robot, making the passes and blitzes needed to win. But once play begins, weaknesses appear in this arcade conversion. There is no difference in ability or in plays among the six available teams. Handoffs are unpredictable, reducing the value of running plays, and opposing passes are difficult to intercept. Robots never suffer any damage, and the "turbo defense" option has been removed. The game pace is too fast in some spots and very sluggish in others.

Additional flaws are largely shortcomings of the Lynx conversion, a loss only by comparison to the arcade version. While a player unfamiliar with the original may be interested, the legion of arcade TOURNAMENT CYBERBALL fans should avoid this title. Atari Corp., \$39.95.

### XYBOTS

The robots are at it again. EarthBase 26-B has been overrun by alien Xybots, and now you must infiltrate the station, battle the enemy, and stop the takeover. XYBOTS is an adaptation of the Atari Games arcade title, where one or two players explore a space station from a first-person perspective.

This is a respectable conversion that retains all the features of the original. You wander through each level's maze, grabbing coins and keys, while fighting Xybots with unlimited shots or an energy-draining zap. Reach the exit, and you can buy more equipment before going to deeper levels with more surprises and dangers.

The game is easier than the coin-op — the robots aren't too bright and you start off well-armed. Experienced players can use Warp Exits to travel to stages quicker. About every tenth level is a fight with a Master Xybot, but the main game is maze-running and robot-blasting.

The graphics are almost identical to the arcade. Stations are sparse, but your fighter, Xybots, and other items are animated and detailed. A minor gripe is that the rotating view is done in harsh 90-degree increments, which can be disorienting. Sound effects are copied closely, and although the mechanical voices have been removed, in their place are several techno-rock tunes.

While the difficulty has been scaled back from the arcade version, XYBOTS on the Lynx offers enough of a challenge to keep the typical player coming back for more. Atari Corp., \$39.95. — Robert Jung ■

Cool!  
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#### ▼ WHAT'S UP?

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- #1180 - Hac Man 2 - (Color/1 Meg RAM/DBL)
- #1220 - Tetris - 1 or 2 players simultaneously
- #1252 - Captive Help Files, ST Gaming Digest 12/91
- #1255 - Jeopardy V3, Hearts (Color Only)
- #1258 - Llamatron V1.0 - Arcade game (1 Meg/Cir)
- #1277 - Mystic Well: Similar to Dungeon Master (Clr)
- #1334 - Omega - Dungeon Exploration (1 Meg/DBL)
- #1353 - Klatrix - Tetris/Klax combination (Color)
- #1366 - Rolling Ronny - Super Mario type game (Clr)
- #1371 - Blackjack Plus 3 Demo
- #1389 - GRAV: Great rotate & thrust game (Color)
- #1409 - Shoot'em Ups (Color Only)
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- #768/938/1165/1308 - NeoDesk Icons
- #801 - Label Printing Programs
- #829 - Vanterm V3.8 - Shareware terminal program
- #888 - Atari ST Subjects (Book) Programs
- #991 - Label Printing for H.P. Deskjet & Avery 5260 Labels, Desktop Formatter, Disk Sector Edit.
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- #1267 - Atari Advanced Hard Disk Utilities
- #1300/1301 - Atari ST Topics (Book) Programs
- #1305 - Gramslam Grammar Checker V3.20
- #1306 - Hyperlink Demo (Hypercard) (1 Meg/DBL)
- #1310 - Virus Killer Programs
- #1319 - GFA Basic V2.0 (Prog Ref Guide available)
- #1322 - KAOS DESK - GEM Desktop Replacement
- #1367 - Latest Super Hard Disk Utilities (DBL)
- #1370 - Stock Smart V3.2 - Stock charting program
- #1385 - Cal V6.0 - The calendar accessory
- #1390 - Latest ICD Hard Disk Utilities (DBL)
- #1398 - Freeze Dried Terminal V2.10 Demo
- #1400 - ST Writer V4.5 - Simple, easy to use word processor with extensive documentation on disk. H.P. Deskjet Driver included.

- #1404 - Stalker 3 Demo - Great new terminal prg
- #1420 - Super Boot V7.2 - All in one boot up utility
- #1429 - Extensible Control Panel V1.0
- #1441 - Your second GFA Basic 3.0 Manual
- #1442 - GFA Basic Compiler Shelter Plus V1.0
- #1444 - Spellone V1.1 - Spell checker with dictionary

### Desktop Publishing

- #737 - Calamus V1.09 Demo - Fully functional except for Save (Mono/1 Meg RAM/DBL)
- #1420 - Super Boot V7.2 - All in one boot up utility
- #758/759/994/1150/1153/1179 - Calamus Fonts
- #1190/1223/1329/1330 - Calamus Fonts
- #935 - Desktop Publishing Utilities
- #1028 - PageStream Font Editor V0.8
- #1266 - Silhouette V1.0 Demo (1 Meg/DBL/G-DOS)
- #1297 - FP Print - Speeds up PageStream Output
- #1348 - AVANT VECTOR V1.2 DEMO - A bit image vector tracer and vector graphics editor. From CodeHead Software (Mono Only)
- #1365 - Arabesque Pro Demo (Mono/1 Meg/DBL)

- #1427 - Calamus SL Demo (Mono/1 Meg/DBL)
- #1436/1437 - Megapaint Pro Demo 4.0 (Mono/DBL)
- #1438 - Genus Font Editor Demo for Calamus Fonts
- #1461 - Easy Text V1.2: Budget Desktop Publisher

### PageStream Fonts

- #599 - Binner, Futura Black, Hal, Lubalin, Futura Extra Bold Condensed
- #870 - Atari, Baby Teeth, Lucida, Old English
- #1044 - Adverse, Barnum, Burlington, Oblique, Calligraphy 2, Celtic, Chancery, Chicago, Dingbat, Flash, Harloe, Olympia, Souvenir Medium, Souvenir Medium Italic
- #1094 - Architect, Avant Guard, Bookman, Broadway, Chancery, Dingbat, Kibo, Oakville, Palatino, Western
- #1336 - PageStream V2.1: Roosth, Saintf, Sansser, Sharkt, Style, Toulouse, Windsor, Zalesk

### Adobe Type 1 Fonts

- #1337 - Classica Heavy, Roman, Italic, Faustus Rhyolite Vertical, Sharktooth, Windsor Demi, Zaleski Caps
- #1338 - Cascade Script, Kuenstler Script Black, Albatross, Kuenstler Script, Mediciscript, Kuenstler Script Two Bold, Nuptial Script
- #1339 - Ashley, Miami Nights, Muriel, Park Haven, Pixiefont, Playbill, SanSerif, Style, Toulouse
- #1340 - Caraway Bold, Davys Ribbons, Dragonwick, Eire, Goudymedieval, Polo Semiscript, Roosty Heavy, Saint Francis
- #1341 - Flinstone, Franktimes, Helena, Griffin
- #1342 - Caligula, Crilllee, Greencaps, Inkwell, Mira, Isadoracaps, Rudelsberg, Wedgie
- #1343 - Andromeda, Lower and Upper East Side
- #1344 - GraphiLight, Manzanita, Nordic, Parismetra
- #1356 - Ambrocop, Dubiel, Flinstone, Middleton

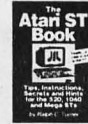
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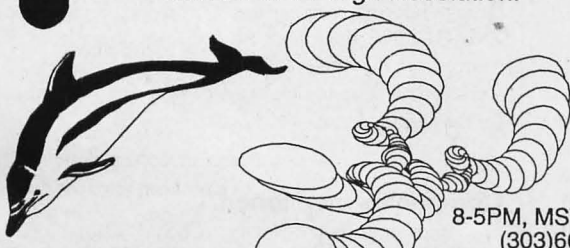
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Don't forget that we can upgrade your ST's RAM to 1, 2, 2.5, or 4 meg using the best JRI memory board

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1.44M disk drive, TOS 3.06  
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\$369 - 512K, \$399 - 1 meg, \$469 - 2 meg, \$569 - 4 meg.

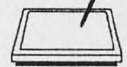
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Resolution form 320X200 to 1660X1200, run in color or monochrome.  
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# COMMUNICATING with the Outside World

## ▼ SPECIAL DEAL

As a special offer from AtariUser and Bob Puff for those just getting their feet wet with telecommunications, you can order BobTerm and its support files on a DOS 2.5 bootable diskette for \$5.95. This price includes shipping and handling (Ohio residents please include state sales tax). Please indicate your hardware configuration when ordering. Order disk number AU8B01BT. The minimum system required to use BobTerm is an Atari 8-bit computer with 64K RAM, disk drive, and direct connect or interfaced modem. Send your order, with payment (personal check, money order, cashier's check) to: DataQue Products Disk Offer, Post Office Box 134, Ontario, OH 44862, USA. Checks should be made out to DataQue. ■

■ Chuck Steinman has been juggling several different ventures in the past few months including developing several new 8-bit products and, of course, writing for AtariUser magazine. If you have any news related to the classic Ataris, he would like to hear from you! He can be contacted on GENie at username DataQue or by mail (see above).

**8-BIT ALERT** ■ Colin Hunt and Chuck Steinman have made an agreement which will allow direct distribution of the popular UK magazine '8:16' into the US and Canada. Coverage is of the full line of Atari products, including the 8-Bit and ST computer systems. Submission, subscription and advertising inquiries should be sent to: 8:16 Magazine c/o DataQue, Post Office Box 134, Ontario, OH, 44862, USA. ■ The long awaited floppy board for the CSS 'Black Box' was shown at the Chicago Computerfest. According to owner Bob Puff, the boards should be available for sale by the time you read this. For more details, contact Bob at: Computer Software Services (CSS), PO Box 17660, Rochester, NY 14617, or call (716) 429-5639, 10 AM - 5 PM EST M-F. ■

Communicating with other systems with your 8-bit system has never been easier. With the low cost of direct connect modems and public domain software, you can easily upgrade your system for telecommunications for well under \$50.

The SX-212 Atari modem is being traded at prices under \$30, and as low as \$19 in Damark and other mail order houses. While the SX-212 isn't "state-of-the-art," it's a full-featured 300/1200 baud modem. The nice thing about the SX is that it has not only an RS-232 port which can be used with PC's or Atari ST's, but a direct connect port for the Atari 8-bit systems. This saves the cost and hassle of using an RS-232 interface module.

If you'd like to get a higher speed modem, any external 2400 baud modems will work fine, but will require an RS-232 interface to work with the 8-Bit Atari. There are several options, with one of the least expensive being the P:R: Connection from ICD Corp. This little box will provide two RS-232 ports, and also a standard parallel printer port. The software to handle the ports is built into the box.

Atari used to offer the 850 interface box which supported four RS-232 ports and a printer port, and they can frequently be found on the used market. Like the P:R: Connection, the 850 has the handlers built-in for the ports. The 850 is quite a bit larger than the P:R: Connection, but for most applications functions identically. Both of these boxes are limited to 9600 as the maximum baud rate.

A more elaborate interface would be the CSS Black Box or ICD MIO. These interfaces each provide one serial port, a printer port, and SCSI/SASI hard drive port. The nice thing about the Black Box is that its RS-232 port will support 19,200 baud, plus it has a floppy disk expansion bus. On the other hand, the MIO has a RAMdisk. The catch with the both products is that they will only work with the 600XL, 800XL, and 130XE since it requires an expansion bus connector on the computer.

Once you have the needed hardware collected and connected, you will need a terminal program. There are a number of different programs available, but one of the most powerful programs currently available is BobTerm. This program, written by Bob Puff (hence the name BobTerm) supports most of the popular transfer protocols, making it fully compatible for calling BBS's run by any kind of host system.

BobTerm is supplied with full documentation on the program disk, and drivers for most any modem and/or

interface you might use. On-screen help makes selection of the correct command effortless for the beginner without restricting the experienced user.

In addition to the many "standard" features expected in a terminal program, BobTerm includes: translation (conversion of characters used on different systems) ASCII, ATASCII, VT-52 (both even and odd parity); transmission rates up to 19200 baud; a dialing list; capture buffer; transfer protocols including Xmodem, Xmodem-CRC, 1K-Xmodem, Y-modem, CIS Fast X-modem, and F-modem; programmable macros; and DOS function access.

Of course, with your new modem and software, you will need a place to call. Both GENie and CompuServe have nodes in most areas now, and the CompuServe 8-Bit area remains a particularly active site. Besides these services, there are hundreds of bulletin board services (BBS) which support the Atari 8-bit systems. Most are privately run, and cost nothing except any long distance charges you may incur. Check the comprehensive list of Atari support BBS systems that are listed in the back of the March'92 AtariUser. In addition here are a few boards that are noted for their heavy 8-Bit support...

### ■ 8-Bit Support BBS'

AL	HAUG	205-722-0900
CA	ABACUS	415-587-8062
CA	GOLDEN GATE	510-373-6792
IN	ACORN	219-744-1396
MI	CHAOS	517-394-6852
MI	MAGIC	313-978-7363
NY	CSS	716-247-7157
TN	DOGHOUSE-8	901-873-3244
VA	GRASP	804-744-8022

These and many other boards carry a wide selection of free downloads that include outstanding applications, games, and utilities. There's plenty of informed users online that can help you get the most out of your Atari through informal message areas. And don't miss reading ZMAGAZINE, the Atari 8-Bit dedicated online news source from the Z\*Net folks. It appears about every 2-3 weeks on most up-to-date services with useful information for the Classic Atari. — Chuck Steinman ■

### Companies mentioned...

■ Computer Software Services (CSS): PO Box 17660, Rochester, NY 14617, phone (716) 429-5639, 10AM-5PM EST M-F. ■ ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, phone (815) 968-2229, 8AM-5PM CST M-F.

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Includes software & hardware interface to control your own Leggo robots!



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600XL computer with 64 K **\$59.95**  
800XL computer with 64K **\$79.95**  
1050 Disk Drive - dual density **\$135**  
Atari Trackball **\$4.95**  
Numeric Keypad with Handler **\$4.95**  
90 day warranty

**SPECIAL VALUES FOR ATARI 800/XL/XE**

Atarilab Starter Kit and Atarilab Light Module both for <b>\$14.95</b>	DOS 2.5 & Manual <b>\$4.95</b> DOS XE & Manual <b>\$7.95</b>	Atari Trakball <b>\$7.95</b>
LOGO Manual set (2books) and LOGO cartridge - both for <b>\$9.95</b>	Pilot Language now only <b>\$14.95</b>	Atari Lightpen <b>\$14.95</b>
Visicalc Spreadsheet <b>\$29.95</b>	Atari Lightgun with Bug Hunt and Barnyard Blaster <b>\$44.95</b>	Paddle Controllers <b>\$4.95</b> Remote Control (with power pack) <b>\$19.95</b> Joysticks (2) <b>\$19.95</b>
AtariWriter with Printer driver both for only <b>\$29.95</b>	410 Program recorder with States & Capitals <b>\$14.95</b>	Wico Black Max Joystick <b>\$4.95</b>
Atariwriter + with spellchecker <b>\$29.95</b>	SX Express software for the SX212 modem <b>\$9.95</b>	

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Call for software titles and prices

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Afla Optical Mouse	Supercharger IBM Emulator <b>\$425</b>
300 DPI <b>\$69.95</b>	Terminal VT-100 emulator <b>\$9.95</b>
Alfa Mechanical Mouse 280 DPI <b>\$49.95</b>	

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65XE COMPUTER 64K **\$125**  
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XF551 DISK DRIVE **\$199**  
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40 Meg Flashdrive - \$549

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Well, we asked you to check up on us, but boy howdy no one here expected the tremendous response you showered on us on a daily basis since our February issue. Wow, we should do something like this more often (— not). According to quite a few of you there are a number of changes we have to make to our Dealer List (Feb '92). Unbridled response to our list ran the gamut from the profane to the urbane (thanks for your call Frank, it was a hoot to finally talk with you in person...), with a modicum of the mundane, as usual. Keep calling and sending in those updates and we'll keep plunkin' 'em in as we get 'em. With any luck these updates will continue to roll in (be sure to include the street address, and phone #). Thanks for your concern and your phone calls — keep it up (it makes the day just whiz by when I get to talk to you guys and gals in person — like Jon, and you too Becky). — Matthew J.B. Sheldon

Some of the following are simply address or phone changes, from our Feb '92 complete list. Without further adieu then, the following is the beginning of the updates we've received so far...

Far North Computers  
59 College Rd #217  
Fairbanks  
AK  
99701  
907/456-3700

Run PC  
524 W Laurel #2  
Fort Collins  
CO  
80521  
303/493-5565

D & P Computer  
PO Box 811  
Elyria  
OH  
44036

Robbins Music Center Inc.  
2810 Bob Wallace Ave South West  
Huntsville  
AL  
35805

Morrison Computers  
311 Robinson St  
Orlando  
FL  
32801

Norman Computers  
Norman  
OK

Cloverdale Pharmacy  
Cloverdale Center  
Liittle Rock  
AR  
501/565-1336

Tech Warehouse  
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Foxboro  
MA  
02035  
508/543-7141

Dallee Electronics  
4246 Oregon Pike  
Brownstone  
PA  
17508  
717/627-0202

Computertime  
8040 Greenback Lane  
Sacramento  
Ca  
916/969-4111

Advanced Technology Networks  
Gaithersburg  
MD

American Music  
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WA  
98103

Cottonwood Computers  
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Cottonwood  
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NY  
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WA  
98007

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CA  
91602  
818/760-4430

Abbey Discount Software  
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American Music  
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Tukwila  
WA  
98188

Steve's Software Sales  
5 West St  
Woodland  
CA  
95965  
916/661-3228

Anthill Computing  
903 W Vine St  
Mt Vernon  
OH  
43050  
614/393-1524

Cave Creek Computers  
8541 Greenwood Av N  
Seattle  
WA  
98103  
206/783-0933



AtariUser Resource

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Don't miss AU's Annual National User Group Directory.

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WI  
53151

Ace-Tech Computers  
1379 Chinook Centre  
Calgary  
AB  
T2H 0K9

Alphatel Computer Systems  
16814-114th Ave  
Edmonton  
AB  
T5M 3S2

Axe Music  
#110-4040 Blackfoot Trail SE  
Calgary  
AB  
T2C 4E6

Axe Music  
11931-72 St  
Edmonton  
AB  
T5B 1Y4

Compute or Play  
1169 West Edmonton Mall  
Edmonton  
AB  
T5T 3J7

Computer Shop of Calgary  
3515-18th St SW  
Calgary  
AB  
T2T 4T9

Electro T's  
1890 West Edmonton Mall  
Edmonton  
AB  
T5T 3J7

Electro-Tech  
Box 1003 805-4th Ave  
Beaverlodge  
AB  
T0H 0C0

Grande Prairie Music  
9826-100th Ave  
Grande Prairie  
AB  
T8V 0T8

Lauzon's Home Appliances  
11101-100th St  
Grande Prairie  
AB  
T8V 2N2

Long & McQuade  
10204-107th Ave  
Edmonton  
AB  
T5H 4A5

Long & McQuade  
1505-17th Ave SW  
Calgary  
AB  
T2T 0U2

New Horizons  
#280-11012 MacLeod Trail South  
Calgary  
AB  
T2J 6A5

Peace Country Music  
PO Box 419  
Berwyn  
AB  
T0H 0E0

Affordable Systems  
#1 478-5th St  
Courtenay  
BC  
V9N 1J8

Annex High Tech Musical Instr.  
1250 Granville St  
Vancouver  
BC  
V6L 1M4

Computime Compters  
3350 Queensway  
Prince George  
BC  
V2K 5C3

Eagle Systems  
309 Banks Road  
Kelowna  
BC  
V1X 6A1

High Road Computers  
1283 Main St  
Smithers  
BC  
V0J 2N0

Hypersound  
3314 Coldstream Ave  
Vernon  
BC  
V1T 1Y1

K.B. Computer Centre  
7373-2nd St  
Grand Forks  
BC  
V0H 1H0

Long & McQuade  
8790-120th St  
Delta  
BC  
V3W 3N6

Long & McQuade  
2612 Quadra St  
Victoria  
BC  
V8T 4E4

Long & McQuade  
1664 West 4th Ave  
Vancouver  
BC  
V6J 1L9

Micro-Vision Computers  
#6-2220 Bowen Rd  
Nanaimo  
BC  
V9S 1H9

Minitronics  
1986 Kingsway  
Vancouver  
BC  
V5N 2S9

Music Plant  
619-11th Ave  
Campbell River  
BC  
V9W 4G5

Nicolson Computer Supply  
456 Ward St  
Nelson  
BC  
V1L 1S8

Noteworthy Music  
#162-650 West 41st Ave  
Vancouver  
BC  
V5C 2M9

Noteworthy Music  
1208-6551 #3 Road  
Richmond  
BC  
V6Y 1Y1

Peace Country Computers  
9208-91 St  
New Westminster  
BC  
V1J 4R1

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New Westminster  
BC  
V3M 3S3

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We believe that if we can show you how to take full advantage of the things that your Atari can do right now, those doubts you might have about your decision to buy one will disappear like roaches in a Raid commercial. You don't have to be "into" music to enjoy the "Atari Advantage". You don't have to be "into" games, Desktop publishing, Desktop video, programming, education, art, business, or any of the other varied and assorted things people find to do with their Ataris. But we'd imagine you are.

In every one of our issues we intend to pack as much information as we can to help you take full advantage of your Atari. From software and hardware reviews to helpful tutorials, to feature articles about the exciting things going on right now in the Atari market, you will find no better source for up to the minute useful information than Atari Advantage Magazine.

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**Attention Western Mass!** W.M.A.U.G. user group here to serve you: Monthly meetings 24hr BBS Support. Contact Dave Scarpa (413) 283-4967 BBS (413) 283-4967 [4/92]

**WANTED TO BUY:** Atari XL/XE software (especially imports), 2600 carts,

original Atari Home Pong games, Coleco vision carts. Ray Wilmott, 10 South Rhoda St., Spotswood, NJ 0884 [4/92]

**ATTENTION :AA-AUG** Atari Computer Club P O BOX 1433, UPLAND, CA 91786 more info- (714) 590-0071 BBS Ph# (714) 625-4251 40 megs, 300/1200/2400 Baud, 24 Hrs. [4/92]

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**8-Bit PD DISKS FOR \$1.00 & other 8-Bit Software.** Send \$1.00 (refundable) for 17 page list to B. Utschig, 208 SW 319th Lane, #G-304, Federal Way, WA 98023 [4/92]

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**Want to purchase, borrow, ???** old 'Analog' copies containing **BOOT CAMP** series by Tom Hudson. J.T. Eichelberger, P.O. Box 115, Pinetta, FL 32350. [4/92]

**ATARI 2600/VCS OWNERS:** We are a newsletter-based User Group/Club. For a sample, send \$1 to: Tim Duarte, 2600 Connection, P.O. Box 3993, Westport, MA 02790-3993, (508) 636-3674. [4/92]

# ATARILAND CALENDAR

■ **MEGA-LEIF-CONVENTION** is an international Atari and PC demo-convention held by Electra in Fyrisskolar/Uppsala/Sweden. It begins at 18:00 (uh, local Swedish time of course) on Thursday the 16th of April, and lasts until 15:00 on Monday the 20th of April. Sleeping and shower areas are available on the show grounds. Competitions (sponsored by the convention and TOS Magazine) include best demo, best picture, best music, Othello/Reversi tournament, and best PC demo, with prizes including an Atari TT030 computer. Sweden is known for some awesome demo "crews" who all expect to attend this programmers' fun fair. For information, call Jesper at +46 18 463347, or Erik at +46 18 246777, via Internet at m91der@tdb.uu.se Gardskarsvagen 6B.

■ **Atari has postponed their appearance at the Boston Computer Society meeting** of April 22, 1992. The planned presentation and announcement of new

hardware from Atari Corporation is delayed until further notice due to problems with product readiness. According to Atari officials, a series of new computers will be introduced, one at a time, at computer events throughout 1992. The plan is NOT to use Atari-specific shows as a venue, as much more overall industry exposure will result in making the announcements at multi-brand events.

■ **June 14, 1992 will see a second Milwaukee Atari Show** sponsored by the Milwaukee Atari ST User Group (MAST). Hours will be 10 AM to 5 PM at the Bowlero Red Carpet Lanes in Wauwatosa, Wisconsin. Admission will be \$3, and information is available from President of MAST, Bruce Welsch at (414) 463-9662, P.O. Box 25679, Milwaukee, WI 53225-0679, or GEnie address R.CARPENTE18.

■ **The Blue Ridge Atari Computer Enthusiasts (BRACE)** will offer the Third Annual Blue Ridge Atarifest on Saturday, July 18, 1992. The one-day affair will again be held from 10 AM to 6 PM



in the Westgate Shopping Center in Asheville, North Carolina, off the I-240 loop at the Westgate/Hilton Drive Exit. Contact Van Estes, (704) 685-8358, or Sheldon Winick of Computer STudio, (704) 251-0201.

■ **Mid-Indiana ST is making plans for MIST Atarifest IV** to be held in Indianapolis on

July 25, 1992. An annual strong midwest "small scale" show, last year's event brought over 500 individuals from surrounding states. Admission is \$3. Contact Dan Ward on GEnie (D.WARD10), by phone at 317-254-0031, or by US Mail at 1752 Alimingo Drive Indianapolis, IN 46260.

■ **The Connecticut Atarifest will be held August 15th and 16th** at the Sheraton Hotel in Hatford, at the Bradley International Airport, off I-91 near I-84. More information will be available as the date approaches. Brian Gockley will be coordinating information for the show.

■ **1992's Southern California Atari Faire, known as The Glendale,** will be held on September 12 & 13, 1992. John King Tarplin is president of The Hooked on ATARI Computer Knowledge Society (HACKS) and coordinator of the show. The Glendale Show has had the largest annual

attendance of any continuing show series. For more information about the Glendale Show, contact John King Tarplin at (818) 246-7286. Vendor information kits will be mailed starting in May.

■ **The Washington Area Atari Computer Enthusiasts are currently planning the 1992 W.A.A.C.E Atarifest,** which has traditionally been the largest East coast Atari show. The '92 event will be held on Columbus Day weekend, October 10th and 11th, once again at the Sheraton Reston Hotel in Reston, Virginia. An entirely new board of directors for WAACE has been elected, and they are soliciting input for what to include in their next show. Charles Hoffmann is now Acting President of WAACE Inc., and can be contacted via GEnie at address S.HOFFMANN, by phone at 703-569-6734, or by US Mail at 5908 Bayshire Road, Springfield, VA 22152-1146. ■

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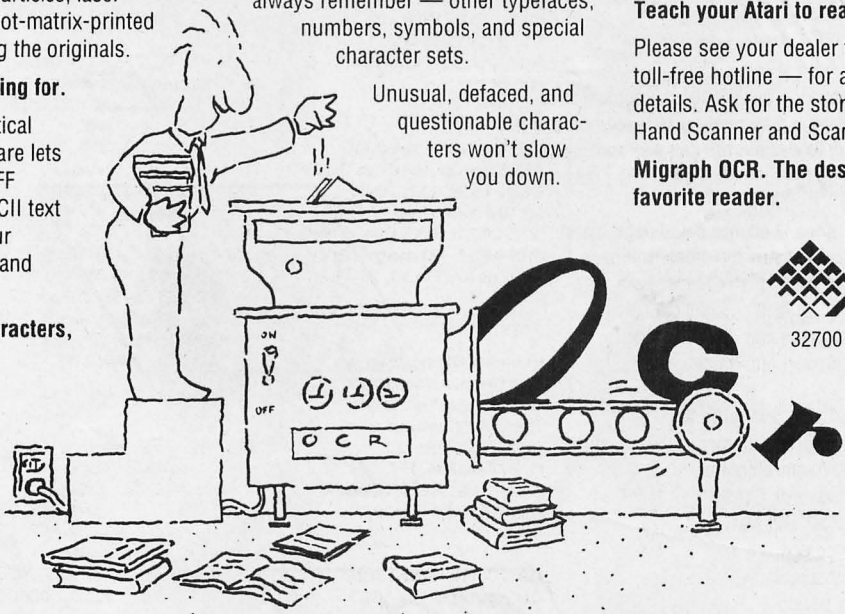
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# MAST

**THE MILWAUKEE AREA ST USER GROUP**

PROUDLY ANNOUNCES...

## THE SECOND ANNUAL MILWAUKEE ATARIFEST

Join us on June 14, 1992 for the 2nd annual AtariFest in Milwaukee, WI.

The show will be held at Bowlero, Red Carpet Lanes, 11737 W. Burleigh Ave. The doors will open at 10:00 A.M.

Ticket price: 3.00 dollars

For more information please call (414)463-9662 or leave e-mail for R. Carpente18 on Genie, R.Laudenbach on Delphi, or call the MAST BBS (414) 461-1730. You also can write to;

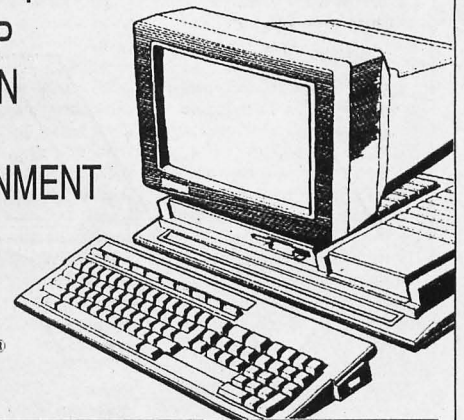
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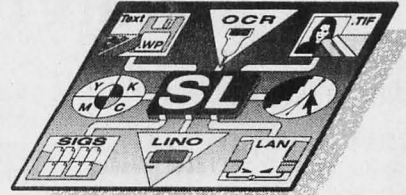
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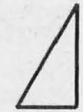
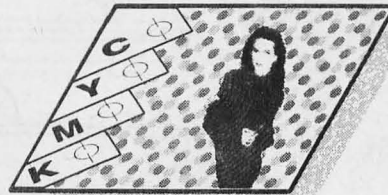
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