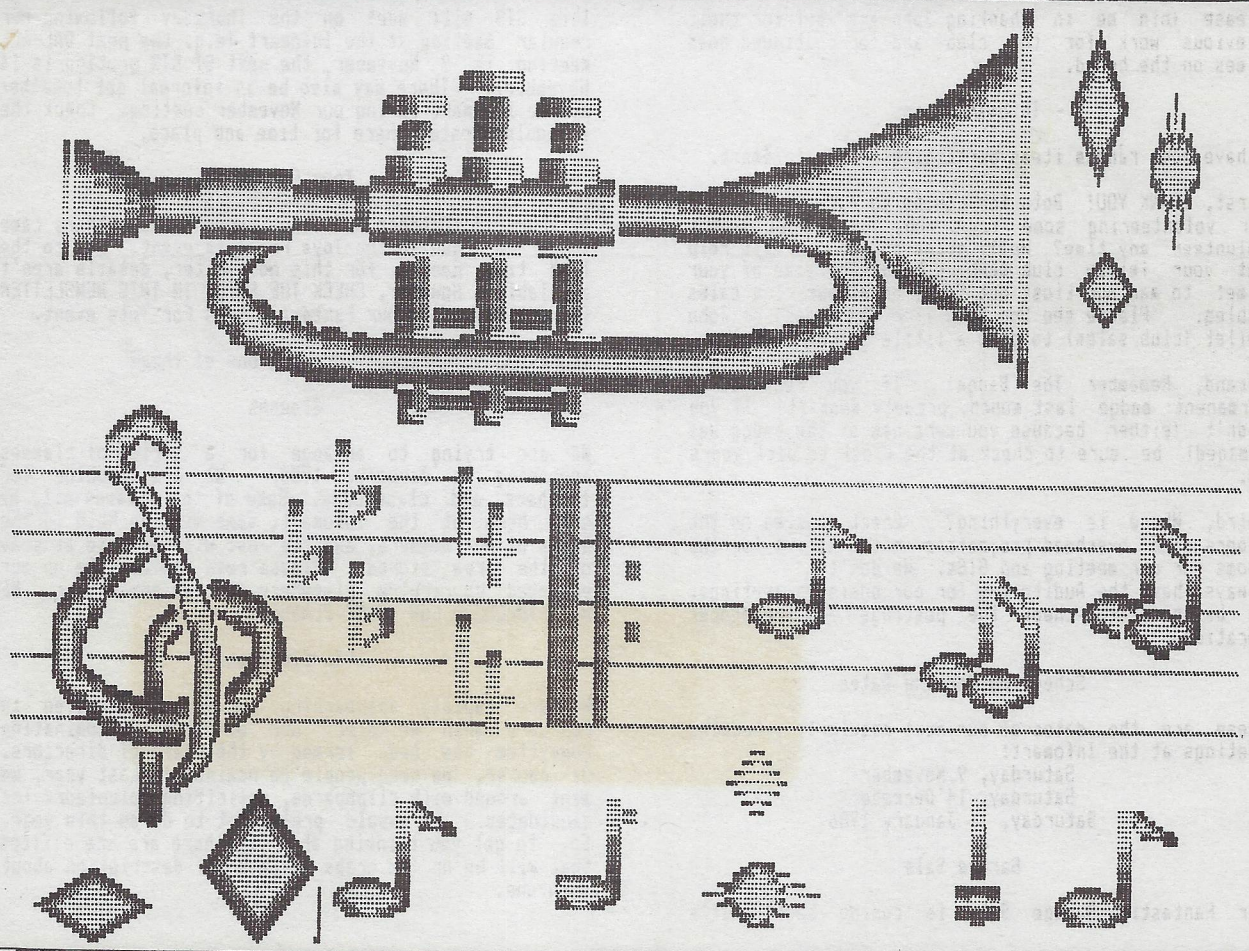


DALLAS ATARI COMPUTER ENTHUSIASTS

VOLUME 6 ISSUE 11 NOVEMBER 1985



President's Perspective
Dateline, Dallas: 26Oct85

Hello!

Welcome back to the Infomart. Here are the news items that I have to report to you this month.

New Board Officers

At the 19 October meeting, we made a few changes to our Board of Directors. This was done because of the resignation of Tom Burke, our Secretary (see the October 1985 newsletter).

Our new Secretary is John Olson. John has served as a Member-At-Large for the past year and a half and has done an excellent job on the board. I am pleased to have him serving in the role of Secretary.

To fill John's Member-At-Large vacancy, Jeff Golden was elected. Jeff has been our Disk Librarian for the past few months. He has made a vast improvement in our disk library, our library catalog, and in demonstrating the contents of our library. Jeff will continue to serve as our Disk Librarian while on the board.

Please join me in thanking John and Jeff for their previous work for the club and for continued good times on the board.

Infomart Items

I have some random items pertaining to the Infomart.

First, THANK YOU! Both for coming to our new home and for volunteering some time. Oh, you say you didn't volunteer any time? Well, shame on you! Please help out your fellow club members by giving some of your time: to man our kiosk out front or at our club sales tables. Please see Bob Dain (for the kiosk) or John Pellet (club sales) to give a little bit of your time.

Second, Remember The Badge! If you received a permanent badge last month, proudly wear it! If you didn't (either because you were new or the badge was damaged) be sure to check at the kiosk to pick yours up.

Third, Where is everything? Check easels on the floors and overhead projectors in the Atrium for the rooms for our meeting and SIGs. We don't always have the Auditorium for our business meetings, so be sure to check the postings for the proper location.

Scheduled Meeting Dates

These are the dates of our next regularly-scheduled meetings at the Infomart:

Saturday, 9 November
Saturday, 14 December
Saturday, 11 January 1986

Garage Sale

Our Fantastic Garage Sale is coming back! It's

reincarnation at the Infomart has a new twist, though. In order for us to make it work, we must justify it as a money-making event. So...wait a minute. I know what you're going to say. You're thinking, "This used to be free. Why do I have to pay anything?" I'm afraid that it's the cost of being at the Infomart! But it isn't as bad as you think.

It will cost you \$1.00 or 10% of whatever you make. The LESSER of the two. This is the fee we are charging for the privilege of setting up at the table. Actually that's pretty cheap! There will be a coffee can (or some other device) for you to make your deposit in. The table will be available during the same times as our club sales.

PLEASE NOTE: We will resume the Garage Sale at the January meeting. If space is available, there may be a trial run at the December meeting.

Please address any questions or comments to one of the board members.

ST NEWS

The DAL-ACE ST SIG had a kick-off meeting on 22 October. The meeting was held at the home of our ST SIG leader, Jim Chaney. Please read the article about the ST SIG that can be found elsewhere in this newsletter.

This SIG will meet on the Thursday following our regular meeting at the Infomart (e.g. the next DAL-ACE meeting is 9 November, the next ST SIG meeting is 14 November). There may also be an informal get together at the Infomart during our November meeting. Check the schedules posted there for time and place.

Toys For Tots

At our 19 October meeting, several volunteers came forth to organize the Toys For Tots event. Due to the lead time needed for this newsletter, details aren't available. However, CHECK THE FLYER IN THIS NEWSLETTER for details about our Fantastic Toys For Tots event.

Thank you volunteers! Are you one of them?

Classes

We are trying to arrange for a series of classes beginning in January, 1986. We are looking for teachers and classrooms. Some of the classes will be held here at the Infomart, some will be held in the homes of our members, and the rest will be held at some of the area stores. Please read the article on our proposed curriculum elsewhere in the newsletter. WE NEED TEACHERS FOR THESE CLASSES!

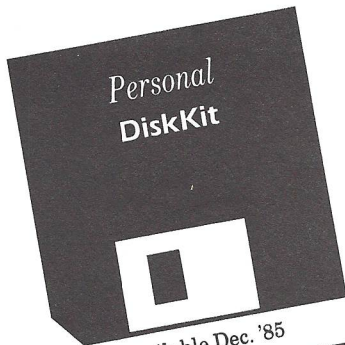
1986 Elections

We are rapidly approaching our annual meeting in February when we elect our officers. A nominating committee has been formed by the board of directors. Of course, we need people to nominate! Last year, we went around with clipboards, soliciting volunteers for candidates. I would prefer not to do so this year. So, to get you thinking about it, here are the offices that will be up for grabs and a brief description about each one.

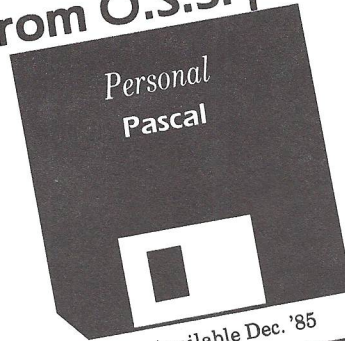
THE BEST *Personal* SOFTWARE FOR THE 520ST

At a **SPECIAL USER GROUP PRICE!**

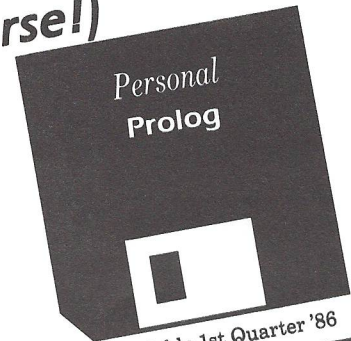
Get Professional Results With *Personal* Software
... from O.S.S. (of course!)



Available Dec. '85



Available Dec. '85



Available 1st Quarter '86

The disk utility that every ST owner should have.

Quite simply, *Personal* DiskKit is what you would expect from OSS: a comprehensive utility to examine, repair, and modify any GemDOS (TOS) diskette. Easy-to-use, with pull-down menus, a mouse or keyboard driven cursor, optional command keys, multiple buffers...completely integrated with the GEM desk-top environment.

And only OSS gives you full **source code!** Because *Personal* DiskKit is a full-blown, GEM-based program, you can learn how to write your own applications to take advantage of GEM's capabilities.

*MacIntosh is a trademark of Apple Computer, Inc. ST, 520ST, and Atari are trademarks of Atari Corp.

The first Pascal for ST computers is destined to be the best!

Trust OSS to start you off in this efficient and popular language with a **complete** programming system—everything you need to start writing programs tomorrow. Editor, compiler, libraries, and more.

Enjoy a language that starts with the international (ISO) standard and then adds the features an Atari programmer would expect. Compatible string handling, powerful debugging options, special code optimizer—and the famous OSS support!

Find out why hundreds of thousands of programmers—from beginners to experts—rate Pascal as their favorite language. Hundreds of schools and dozens of books teach Pascal. Thousands of available programs are written in Pascal. Why wait? Buy *Personal* Pascal now and step into the future.

Computer intelligence just became a little less artificial.

Discover the world of logic programming, a world where the computer actually **tries** to help you solve problems....*Personal* Prolog keeps working until it finds the answer you want. Only *Personal* Prolog brings this astonishing "Fifth Generation" language to the desktop of your Macintosh or ST computer.

Personal Prolog is more than just another programming language: it's a complete multiple window environment—with integrated editor, compiler, debugging aids, and all the built-in support you need to explore the world of artificial intelligence.

Use *Personal* Prolog to draw conclusions, interpret human language, create expert systems, and much more. Buy *Personal* Prolog now and learn why Prolog is fast becoming a worldwide favorite... **the** language for intelligent programming.

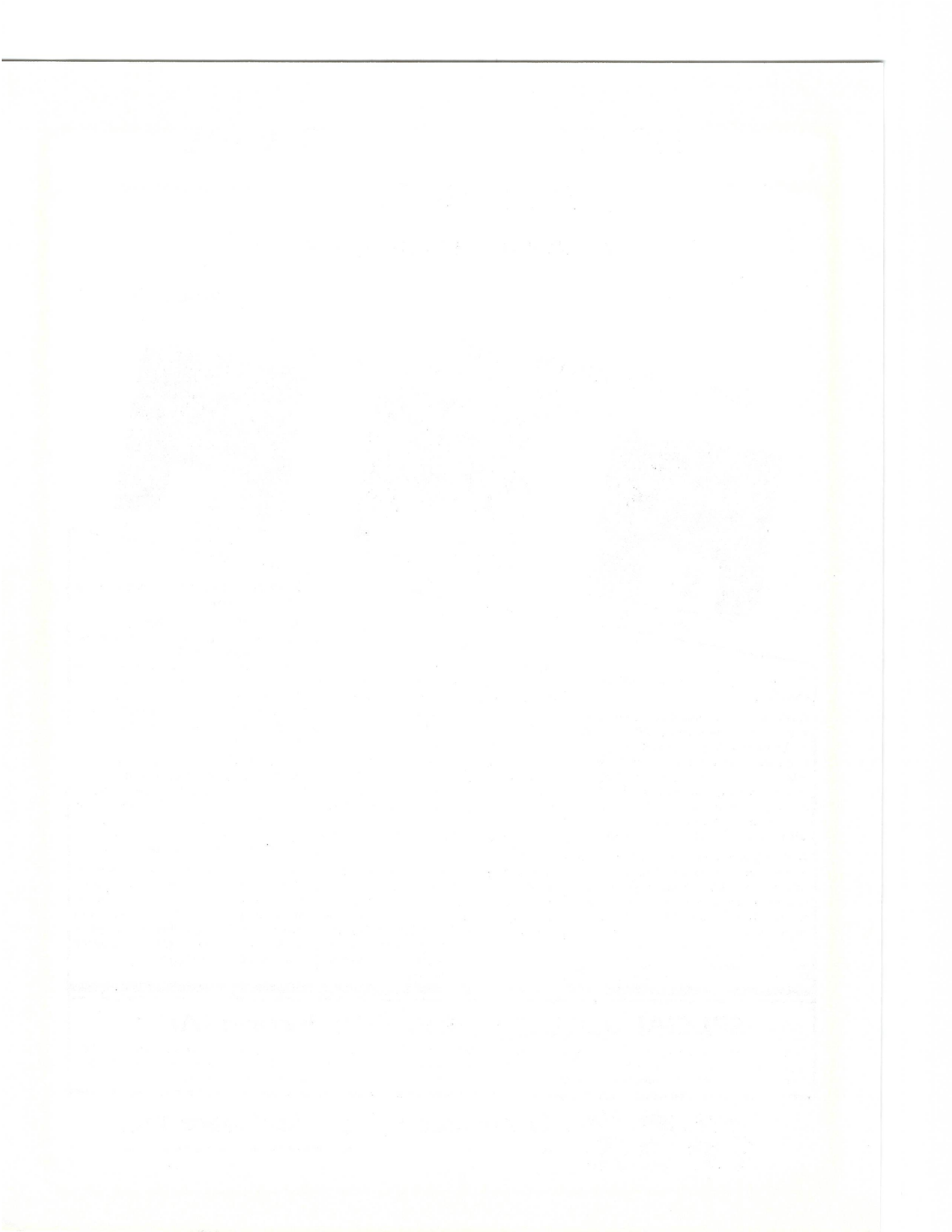
SPECIAL USER GROUP Pre-Production SALE!

Hurry and be first in line for shipment of OSS's new line of ST products at 25% or more off the retail price. Send \$66.00 plus \$3.00 shipping for *Personal* Pascal or *Personal* Prolog (retail price \$89.95 each). Or send \$29.00 plus \$2.00 shipping for *Personal* DiskKit (retail price \$39.95). Shipments to begin as indicated above, first come first serve. For large orders please call.



Optimized Systems Software, Inc.

1221B Kentwood Avenue, San Jose, California 95129 (408) 446-3099



President: presides over the monthly meetings and the board of directors, appoints committee members, represents DAL-ACE outside of our club, and (generally) makes sure that the club continues to run

Vice-President fills in during the absence of the President, is a non-voting member of ALL committees and SIGs, and is the Chairman of the Program Committee

Vice-President Of Communications: serves as the Chairman of the committees for the newsletter, the bulletin board, the club library, and public relations

Secretary: takes the minutes at all meetings of the club and the board of directors, maintains the club's roster database, and is responsible for membership processing

Treasurer: responsible for the club's assets and funds, for reporting on the state of both, prepares budgets for the club, handles disbursement of club funds, and is also responsible for membership processing

Members-At-Large: additional directors on the board serving as your voice, many perform additional functions such as Disk Librarian or distribution of the newsletters

There are currently four Members-At-Large.

Closing

Once again, I want to thank you for reading my perspective of things. And remember, you really DO know more than you think! Be enthusiastic and enjoy your club.

Dave

COMMUNICATIONS COLUMN

by John Pellet

Well folks, this month's comm-colm will be short. I don't have much to say AND I don't have much time to say it.

The BBS is tremendously busy. The concensus of the officers is that the club should hold off on major expenditures until the ST becomes a viable alternative, since it may represent a viable alternative in the near future. Until then, Howard will continue his excellent job. If you've got an opinion, share it with Howard or me.

The disk library is in Jeff's capable hands. I think he's doing a tremendous job, especially since he's keeping it out of my hair.

The newsletter is still excellent. Last month's snafu was a combination of problems - getting advertising by the due date, getting the camera copy to the printer, and getting reasonable response from the printer. We hope it won't happen again, but if we have problems again, be patient.

That's it for this month. When the problems are small, and everybody is doing a good job, I end up with not much to say - I problem I enjoy.

Oh Say Can You C?

by John Pellet

Sorry folks, but I couldn't resist! The code below was generated by the C SIG and they gave it to the ST SIG to try. The DRI C package produces properly executing code (Each of the 3 lines prints, one after the other.) but the Hippo-C package compiles it with no error messages but the end result won't work. The challenge of the month is 1) why won't it run under Hippo and 2) How should the code be modified to work in Hippo? Please send your answer to either the C SIG, the ST SIG, or me. Let's hear from you C experts!

```

-----
#include <stdio.h>
main()
{
    int b;
    static char *a[]={
        "This is line one",
        "This is line two",
        "This is line three";

    for (b=0;b<3;b++)
        printf("%s\n",a[b]);
}
-----

```

SEND US AN ANSWER!

CREDITS AND COVER

- * Computer table is courtesy of MILATARI.
- * Atari news reprinted from West LA Atari Users Group.
- * Cover art is from Atari's ST demo art.

COMPUTER TABLE

MADE WITH
ONE SHEET OF
3/4" PLYWOOD.

USE 1 1/2" HEADLESS NAILS AND GLUE FOR A NEATER LOOK.

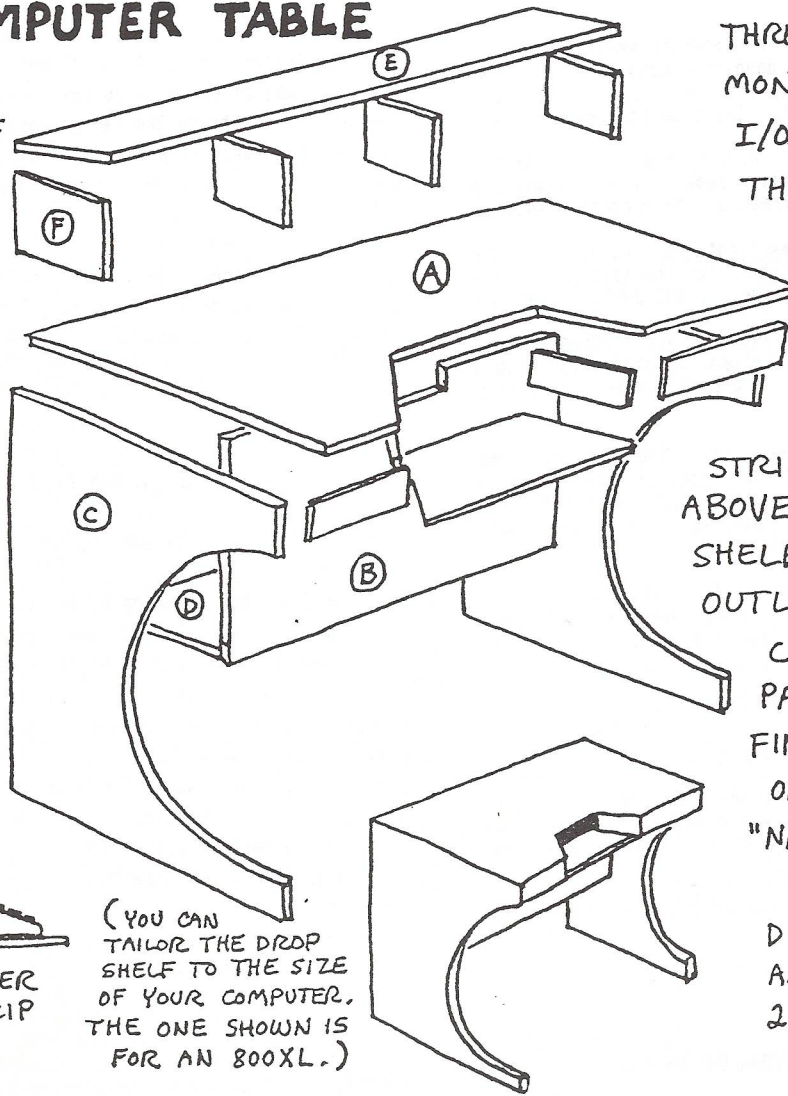
POWER UNITS SIT ON BACK SHELF, OUT OF SIGHT.

THREAD POWER, MONITOR, AND I/O CABLES THRU OPEN AREA BEHIND DROP SHELF AND THRU BACK.

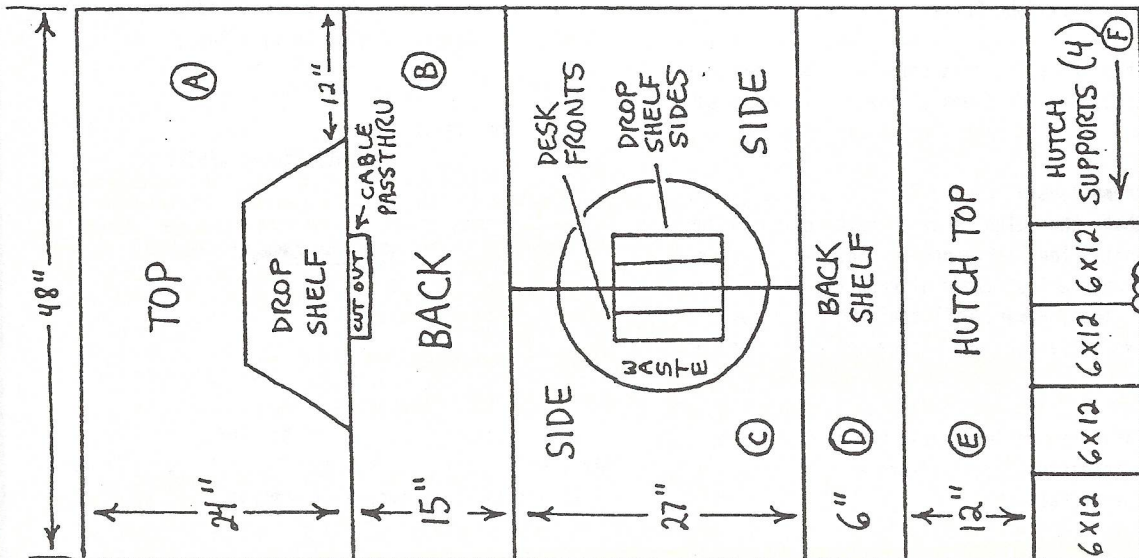
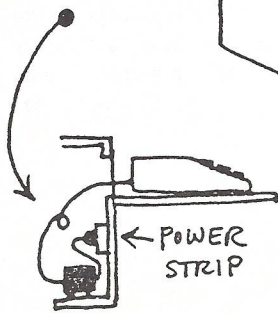
I USE A POWER STRIP MOUNTED ABOVE THE BACK SHELF TO SAVE OUTLETS.

YOU CAN STAIN OR PAINT THE FINISHED PRODUCT, OR LEAVE IT "NATURAL" LIKE MINE.

DESK DIMENSIONS ARE: 4 FT. WIDE, 2 FT. DEEP, 27 IN. HIGH.



(YOU CAN TAILOR THE DROP SHELF TO THE SIZE OF YOUR COMPUTER. THE ONE SHOWN IS FOR AN 800XL.)



COMING ATTRACTIONS

by Morris Stephens

At this time we are uncertain as to what our demonstrations will be for the November meeting. It's a rare occurrence that we have more people that are volunteering for demonstrations than we have time for, but that is what has happened. Tentatively, we have scheduled a demonstration of the new 256K memory expander for the 800XL, and a demonstration of a new, soon to be released, accounting general ledger package for the ST. Both of these products are being developed by members of our own DAL-ACE.

There is, however, a chance that we may have another guest speaker. Phylon, Inc., of New York is developing several products for the 520ST, including a new, more powerful basic and a basic compiler, as well as Fortran, Pascal, and some other languages. Initial indications are that these are very high quality products, but still at affordable prices. Phylon has offered to come to our November meeting and demonstrate some of their products. If we can arrange this, then the accounting package and the 256K memory expander will be demonstrated at a later meeting.

Many thanks to Suzie Corona for her excellent demonstrations at last month's meeting. She did an excellent job of showing off the exciting color and graphics capabilities of the ST and the art program, Neo. Her own art talents rival those of the ones who created the demo pictures packaged by Atari.

The attendance for the demonstration was very good. I am sure Suzie appreciated such response. I hope such interests will continue and that you will continue to attend the demonstrations to show your appreciation for the work done by our volunteers who invest their time and effort into putting on these demonstrations. Remember, someday, you too may be called upon to demonstrate something, and you, I'm sure, would certainly appreciate a good audience.

I have noticed a trend that the recent demonstrations are primarily for the new 520ST. This is due to the fact that there is a lot of interest in the ST, and all are volunteering to demonstrate the 520ST. If you feel that the 8-bit machines are being slighted, it only seems that way because we are not getting any volunteers for the 8-bit computers. If you want to see this change, we will be more than happy to accept your services to demonstrate an 8-bit product that may be of interest to the membership of the club.

Proposed Curriculum for Classes
Dave Gillen

For those of you that are interested in teaching some classes as a part of DAL-ACE, here is a list of the classes and what they should contain. Again, these are proposals and not actual classes (unless we find teachers for them).

These are guidelines and are not cast in stone. If you are interested in teaching, please contact me.

You Bought A What?

SCOPE: This is a class for the absolute computer novice. It should teach users about what a computer is, what peripherals are, how to hook up each of the above, what some of the key buzzwords are, and answer elementary questions.

TIME: One class, about 2-4 hours long

PREREQUISITES: None

Beginning BASIC

SCOPE: Teaches the elementary BASIC commands (INPUT, PRINT, LET, IF, FOR, and STOP). Teaches how to string these together to form simple programs. Teaches elementary program concepts such as variables, arrays, and reasonable programming techniques. Shows how to save, retrieve, and list out the programs that have been written.

TIME: 3-5 classes, about 2-4 hours long (each)

PREREQUISITES: "You Bought A What" or equivalent knowledge

Intermediate BASIC

SCOPE: Presumes that the student can write rudimentary programs. This class should teach (with firm examples) these concepts: string manipulation, file manipulation (using GET, PUT, NOTE, and POINT), use of Atari graphics, sound/music generation, debugging techniques, and (perhaps) machine-language functions.

TIME: 5-7 classes, 2-4 hours long

PREREQUISITES: Beginning BASIC

Advanced BASIC

SCOPE: This class should be the culmination of programming for the BASIC language. It should discuss subjects such as: machine-language functions, manipulating the display list, accessing foreign devices through the XIO commands, hiding BASIC programs, optimizing BASIC programs by understanding how the internals work.

TIME: 4-6 classes, 2-4 hours long

PREREQUISITES: Intermediate BASIC

6502 Assembly Language Programming

SCOPE: Teach about the architecture of the 6502

processor, how to program in assembly language in general, accessing key components of the Atari through system calls and manipulation of OS data structures.

TIME: 4-6 classes, 2-4 hours long

PREREQUISITES: Beginning BASIC

Graphics Concepts

SCOPE: Teach about use of the Atari graphics features. This includes Display Lists, Player/Missiles, alternate character sets, and animation. This should be for serious work in graphics.

TIME: 4-6 classes, 2-4 hours long

PREREQUISITES: Intermediate BASIC

Hardware Concepts

SCOPE: Teach how to change ROM chips, how to build some simple interfaces for Atari (both to the RS232 ports and the joystick ports). This course can be fairly open-ended, satisfying topics that students would pose.

TIME: 2-4 hours, 2-4 classes

PREREQUISITES: Beginning BASIC, ability to use a soldering iron and a screwdriver, and a willingness to delve inside the Atari hardware.

CAVEAT: DAL-ACE would assume no responsibility for members delving inside of their own computer systems.

Telecommunications Concepts

SCOPE: Teach how to use the bulletin board, remote information systems (e.g. Startext), and remote computers. What hardware is required. What software is required.

TIME: 1-2 classes, 2-4 hours long

PREREQUISITES: "You Bought A What" or equivalent knowledge

C language

SCOPE: Teach about the C programming language defined by Brian Kernigan and Dennis Ritchie of Bell Labs. This should include the basic constructs available in C compilers for the Atari series (it varies). Since C is generally used as a system's programming language, the projects for this class may take on such a flavor (i.e. writing utilities, general tools, etc. Not business applications.)

TIME: 4-6 classes, 2-4 hours long

PREREQUISITES: Intermediate BASIC or a reasonable proficiency in programming

ATARI 520ST - ANOTHER VIEW

by John Pellet

I have used my ST for a couple of months now, and I'd say it is a GREAT machine. Although the 8 bit line has a substantial edge in software NOW, this will change. I believe that by Christmas the ST will have a clear edge in utility. And things will get better from there. As an example, I firmly believe that the BEST communications program for general use on the 8 bit machines is HOMETERM, but there are several jobs that it won't do (like upload to STARTEXT). Today the ST has CHAT from SST and ST-TALK from QMI, smooth, slick, basic communications programs, priced under \$20. If you need a powerhouse, Mark of the Unicorn's PC/INTERCOMM has more features (based on the manual and a brief tour/tryout) than anyone is likely to think about, much less need. What does this mean? To me it shows sharply that the ST will benefit from the huge amount of development effort for the IBM PC (PC) and Apple Macintosh (MAC). This will greatly shorten the time required to get productivity software to the market.

The real key to the success of the ST, in my view, is the availability of productivity packages in time for the Christmas market. Major productivity and development software is definitely in the works from several sources.

Mark of the Unicorn is the early leader in productivity software, with MINCE, an overwhelmingly powerful text editor, and PC/INTERCOMM, a full-blown terminal emulator. Both of these are also out for the PC. Hopefully FINAL WORD, a powerful word processor for the PC, will be out soon.

Haba has also made a major commitment to the ST by porting several programs from their successful MAC line. The most notable early release is HIPPO-C, an inexpensive and easy-to-use C implementation. Currently pending are a hard disk, a full-blown word processor (HABA-WRITER - out NOW), and a checkbook maintenance program.

Mirage Concepts' EXPRESS LETTER PROCESSOR was reviewed last month. Nothing further has been announced by them.

Batteries Included has announced several programs for the ST, but the first is not scheduled for release until November. This may be cutting it fine for the Christmas market.

Atari News

VIP has announced and demo'd PROFESSIONAL, a file-compatible Lotus 1-2-3 clone. If it performs as advertised, it will be an early winner in the ST market. My copy is on order.

Hippopotamus, authors of Haba's Hippo-C, have several inexpensive programs out, ranging from an almanac to a RAM-disk. Several other companies are in the process of releasing utilities and applications - at a rapid rate!

The glaring absence from early announcements and releases is any sort of database management software beyond a mailing list. Maybe when the development environment improves (see below) we will see some of the PC and MAC relational DBMS ported over. The machine can't be successful without a good database.

Development software is also an expanding world. First there was DRI C, available only from Atari to developers. It now seems to be available to anyone who will send Atari \$300, which also gets you full ST documentation available from no other source.

Dragon's FORTH was next. As far as I can tell, it seems to be a full-featured development system. The major drawbacks I can see are the high cost (\$500) and the large size of the programs it produces (e.g., EXPRESS and ST-TALK).

HIPPO-C from Haba really does not qualify as a development system for many people since no floating point is supported. Also, the documentation is sufficiently weak that a serious developer would need the Atari package just for the documentation, which would eliminate the need for HIPPO-C.

That's about it for now, but from the SIG*ATARI rumors on CompuServe, Lattice C will be out from ANTIC before Christmas. Since my C-expert friends consider this the package to beat on the PC, and the most-frequently encountered development environment, this bodes well for 1986, presuming Atari survives.

That's the way it is on this, the third week of October. By the time you read it in early November, expect MUCH more!

A person in the Los Angeles area is offering an installed 1 meg 520ST memory upgrade for \$100 and a 2 meg upgrade for \$200. Interesting!

The 4 September USA TODAY had an article on the ST. They checked with some retail stores on the ST sales. A Brookline, Mass. store had sold 400 since mid-July. One in Florida had sold 200 in the same period. And this before the first software was available.

On 20 August, members of the Bay Area Atari Users Group ST SIG got to have Neil Harris of Atari demo the new GWBASIC (Geewiz Basic) for the ST. It is very close to the GWBASIC used on the IBM PC. So if you want to see what ST BASIC will be close to, read an IBM GWBASIC book. ST BASIC should be out by the time you read this. GWBASIC is by Digital Research, who developed CP/M. MBASIC and CBASIC from PHILON, along with "C", PASCAL, COBOL, and FORTH should all be available by the time you read this.

The ST operating system (TOS) is built on DR's CP/M-68K which is a major upgrade of CP/M. DR says that CP/M file structures are upwardly compatible with CP/M-68K. MS-DOS/PC-DOS is a descendant of CP/M per the October issue of COMPUTE!

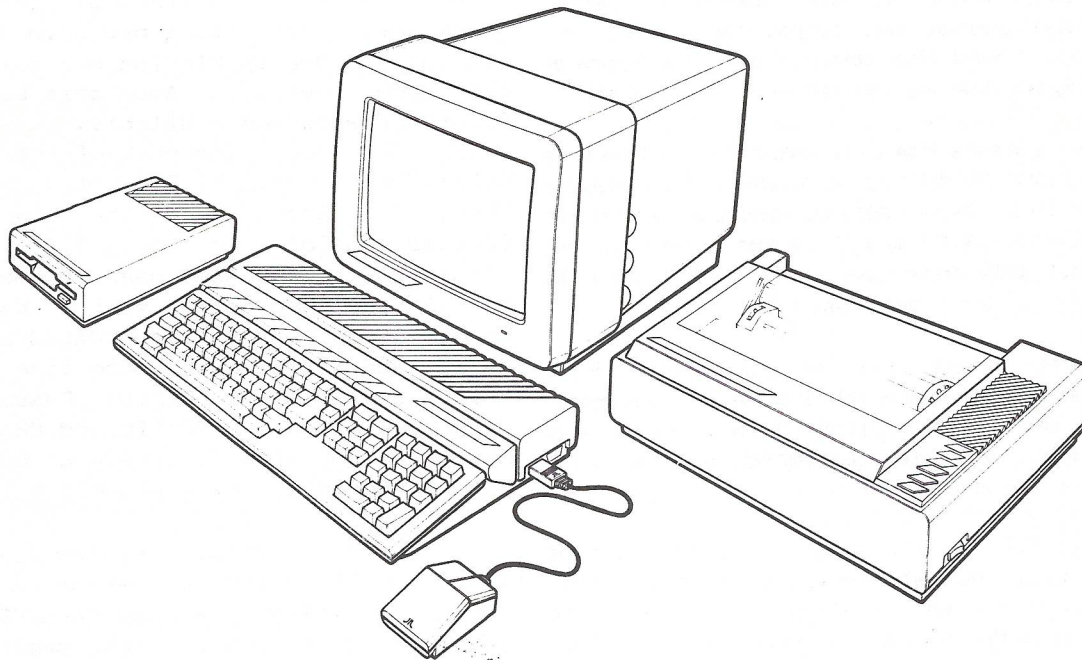
Members of SMAUG (Sun Metro Atari Users Group) from El Paso, visited Atari in August, at 1196 Borregas Ave. (not 1265 Borregas Ave., as they found that building is for sale) and learned that Atari was shipping 520 STs at the rate of over 2500 per week. Atari also has a company store at 380 Caribbean Ave., which is loaded with just about any Atari product you might want.

I have been reading all of the received newsletters and most all of the magazine articles written about the 130XE. To this day I have not seen a bad comment about the new 130XE other than some pros and cons about the key board and the location and design of the ports. The people who have the 130XE's seem to be well pleased and the machines are giving no trouble.

METROPOLITAN
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NOW IN STOCK!

ATARI 520ST



520ST MONOCHROME \$799.95

USER GROUP MEMBER* \$759.95

520ST RGB COLOR \$969.95

USER GROUP MEMBER* \$949.95

*** MUST BE CURRENT DAL-ACE MEMBER & BE ABLE TO SHOW
PROOF OF MEMBERSHIP**

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I just finished a major writing task for the Community Ballet Assoc. and the Huntsville Civic Ballet Co. I used just about every format, move, duplicate, scroll, and substitute command that BI's PaperClip has. I even learned how to force PC to outdent. Version 1.2 is out and has this added. Took a little time at first to setup, but then it is easy to do. What I did with PC would have been a bear with Atariwriter and taken three or four times longer. I know, because I have done similar but easier things with AW in the past. I am now sold on PaperClip, even without 80 columns and its remaining few bugs. I have not touched another WP for over two months now. Letter Perfect is the only other Atari WP that I have tried that can come close to PC. I read a review in the September BYTE of the new Wordstar 2000, for the IBM and its clones, and PC could run rings around it (so could Letter Perfect) in all areas except for some specialized functions that I would seldom, if ever use and which are not part of PC. In fact I have read several reviews lately about the BIG BOY word processors and other business programs,

and am really surprised at just how slow, memory hungry and user unfriendly some of the better rated ones really are. Whoever heard of having to go to school to learn how to run an Atari word processor? The review said Wordstar 2000 took 41 seconds to scroll from one end of a 4000 word document to the other end. PC will go through 4000 words in a flash. Even Atariwriter is many times faster than Wordstar 2000 is reported to be. The first time you use the delete function in the Wordstar 2000, you have to wait over a second for that function to be loaded from disk before it will work. And that is not the only function that has to be handled this way! The spelling checker took 305 seconds to check a 5000 word document that had no changes. I can first load Spell Wizard and then run a spelling check a lot faster than that on my old 800. The string search time for 4000 words was 130

seconds. PaperClip is 1 second at the most. The list price of Wordstar 2000 is \$495.00. PaperClip is \$69.95. Those BIG BOY writers and reviewers who make fun of Atari and other "home" computers need to go to school and learn what a good 6502 computer like the Atari can really do.

The 6 September USA TODAY said that Atari and AT&T are negotiating. If anything comes of this, it could lead to the AT&T name appearing on some Atari equipment or Atari made equipment. (The rumored super automated plant that Nevada is to build in 1986, so Atari can move all of their manufacturing and headquarters to Nevada, could be part of this. Ed. HAUG).

Also, AT&T is set to start shipping a one megabyte RAM chip early next year.

The October COMPUTE! has a review of the Amiga which tells how the Amiga is going to be able to disk load a new operating system which will allow it to emulate and IBM PC.

The 9 September Electronics says that AT&T has exclusive rights to market Alloy Computer Products' DOS-73 board, which will let the AT&T Unix PC run many IBM PC programs.

The following is from the editor of the West LA Atari Users Group, September. The 520 ST will have a translator peripheral to allow it to use IBM compatible software. They are presently working on this as high priority within Atari. The following software for the ST is already out. Basic is available at the COMPUTERLAND on Hawthorne Blvd. in Lawndale. MICROSOFT BASIC (ST version) will also be out.

Remember the CD ROM ATARI showed at the June CES? Atari demo'ed on the 520ST, the Grolier Encyclopedia using the software developed by Activenture, in the first public showing of a CD ROM drive. The following excerpt is from the September CUN's Business Month.

The potential applications seem endless. One company is busy archiving Library of Congress data for the U.S. Government on CD ROMs, and such other

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- Peripherals
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Price List
(effective 10/01/85)

NOTE: Prices subject to the following discounts:
3% for cash, 3% for DAL-ACE, ACE-D, & WTACT members.

520ST with color monitor.....	\$999.95
520ST with monochrome monitor.....	\$799.95
Prices on above systems includes: CPU, monitor, single sided drive, mouse, Operating System on disk, Basic, Logo, and, 5 free disk full of public domain software (ST Writer, Neo-Chrone (even better than McPaint), S-Term, 3 disks full of super graphics, and many others).	
Disk Drive, 3 1/2" for 520ST.....	\$195.95
Disk Drive, Double Sided.....	\$295.95
Disks, 3 1/2", package of 10.....	\$ 24.95
RGB Monitor for 520ST.....	\$395.95
Monochrome Monitor for 520ST.....	\$199.95

ST SOFTWARE

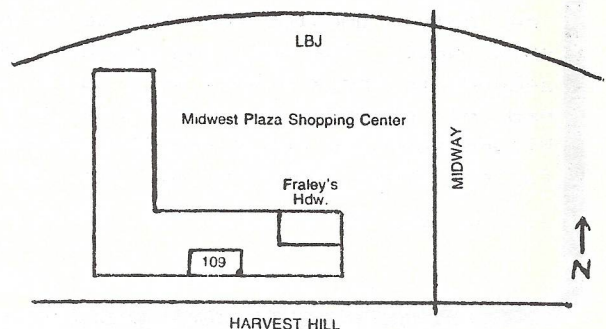
SoftSpool (RAM printer buffer).....	\$ 34.95
M-Disk (RamDisk).....	\$ 34.95
Mudpies.....	\$ 34.95
HEX.....	\$ 34.95
HABA Writer.....	\$ 69.95
HABA Hippo "C" Compiler.....	\$ 69.95
VIP Professional ("Similar" to Lotus 1-2-3).....	\$ 99.95
Flip Side.....	\$ 34.95
EXPRESS.....	\$ 49.95
All InfoCom Games.....	\$ 34.95

HARDWARE AND 8-BIT PRODUCTS

130XE.....	\$169.95
130XE with Basic XE.....	\$229.95
BASIC XE for 130XE.....	\$ 69.95
Atari 1050 Disk Drive with DOS 2.5.....	\$179.95
Atari 1030 Modem with CompuServ Starter Kit.....	\$ 89.95
Atari 850 Interface.....	\$ 89.95
Cable, Parallel Printer for 520ST.....	\$ 24.95
Cable, Modem for 850 Interface.....	\$ 12.95
Interface, Uprint A +16K.....	\$ 79.95
Syncalc.....	\$ 34.95
Synfile.....	\$ 34.95
HomePak.....	\$ 34.95
PaperClip (New Low Price).....	\$ 49.95

Print Shop.....	\$ 34.95
Print Shop Library I or II.....	\$ 19.95
Hacker (new from Actvision).....	\$ 34.95
Karateka (new from BroderbundJ).....	\$ 29.95
Panasonic 1091 Dot Matrix with NLQ mode.....	\$274.95
Panasonic 1092 Dot Matrix, NLQ, 180 cps.....	\$429.95
Star SG10 Dot Matrix with NLQ mode.....	\$259.95
LEGEND 808 Dot Matrix with NLQ mode.....	\$199.95
Atari 1020 color Printer/Plotter.....	\$ 49.95
Print & Draw for 1020 Plotter.....	\$ 14.95
1020 Printer/Plotter with "Print 'N Draw.....	\$ 59.95
1027 Letter Quality Printer.....	\$ 89.95
800XL Computer.....	\$ 99.95
600XL Computer.....	\$ 29.95
400 Computer.....	\$ 19.95
Omniview XE/XL.....	\$ 49.95
RanRod	\$ 39.95
RanRod with Danimon.....	\$ 74.95
Educator Kit (410 tape drive, Basic, States & Cap...)	\$ 14.95
Typesetter Graphics & Font Package.....	\$ 29.95
Page Designer Graphics.....	\$ 24.95
PrintNiz.....	\$ 24.95
Megafont II+.....	\$ 24.95
Humpty Dump/Bear Trap.....	\$ 39.95
Super Zaxxon.....	\$ 34.95
Sargon III.....	\$ 39.95
Disks, 5 1/4", DS/DD, and quantity.....	\$.90

***Many other items available but not listed.
***Items not in stock can be special ordered.
Check our prices before buying elsewhere.



information as Census data and labor statistics may follow. Publishers foresee a wide array of information for CD ROMs ranging from "how-to" books and equipment manuals to library card catalogues and telephone directories. Not surprisingly, then, more than 100 book publishers are locking to get into CD ROM ventures, according to Linda Helgerson. Most will not yet talk about their plans. One firm that has plunged in quickly, however, is Grolier Inc., which says that it will begin selling its Academic American encyclopedia on CD ROMs to schools, libraries and for home use in October. At the same time, a CD ROM data base will allow personal computer users to apply information search techniques now used with mainframe computers. The Grolier package, for example, will include software that allows the user to search through the encyclopedia for the occurrence of key words. The task is quicker than using an index and yields more comprehensive results, according to Activenture, the company that developed the software. The software also has a user interface that employs many of the graphic techniques used in personal computers. The software opportunities in the emerging CD ROM business are attracting new entrepreneurial talent. One recent entrant into the field is Gary Kildall, founder and chairman of software firm Digital Research Inc. and inventor of the widely used CPM operating system for personal computers (and GEM for ATARI and IBM). Kildall recently relinquished his day to day responsibilities at DRI to start Activenture. The firm, as noted, wrote the software for Grolier's encyclopedia, (demo'ed by Atari at June CES) and Kildall says it is working on software that includes graphical material, such as animation and video images, along with encyclopedia text.

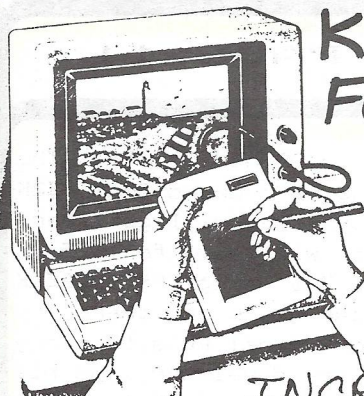
From the Sept Changing Times. Several companies have developed CD ROMs for business and educational use that cost well over \$1000 and can play music in addition to displaying information. Atari is not yet sure whether its CD ROM will include music capability.

From the Sept JACS newsletter. The Atari OS still has to be reduced from 202K to 192K. Atari says they will get there soon. The ROM chips will sell for \$25 to non-club buyers. The Amiga OS is 256K long, resides on two disks and there are no plans to sell the final ROMs to early buyers. One software developer says his prototype Amiga crashes every 15 minutes.

From the Sept ONLINE (CIN'TARI). Tom Jelen found an undocumented 520ST feature. You can do a print screen dump at any time by pressing "CONTROL", "ALT", and "HELP" at the same time.

Be sure and read the November Antic, page 12, if you want to learn how to make the Atari 520ST read and write IBM DATA and TEXT disks. The IBM can then read and write to these same disks without any problems. In short, you can take your IBM work disks home and work on them on your ST, then return to work and run them on your IBM. Any 40 track "industry standard" drive will work. Rumor claims the 3.5" Atari format is used by IBM's yet to be seen PC II, which uses 3.5" disks. There are well over 30 ST programs and 3 ST languages advertised. Price range is \$19.95 to \$149.95 (\$99.95 to 1 November) for VIP Professional, a Lotus 1-2-3 clone + GEM which can work with "1-2-3" files, or with versions of Professional on the Apple II, the Macintosh, the Amiga, IBM's, and even UNIX computers. It is beginning to look like the ST can do much more than Tramiel ever even hinted it could do.

From the Sept POKEY PRESS. A small part of an interview with Russ Wetmore, by Russ Haupt. Question: When can we expect the new Atari products? RUSS: Christmas is the big push. Question: What was HomePak programmed in? RUSS: Action! Action is the best thing for developing for the eight bit 6502. ... The Apple and Commodore versions of HomePak were produced on the Atari, using Action!. Question: What about the new CD ROM? RUSS: Don't get excited 'til you see it in K-Mart. Question: Will the XE be around long? RUSS: It's a good machine, and the word is that the retail could be dropped to \$69 if need be. There's a lot coming out for it, and it will be well supported.



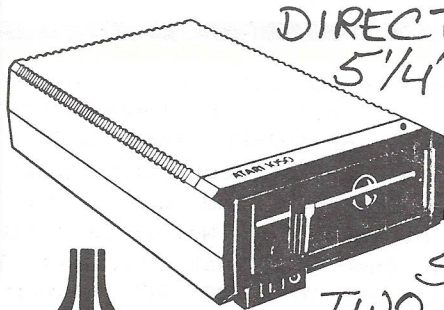
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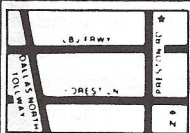
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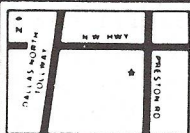
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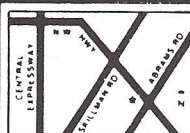
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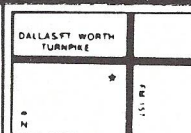
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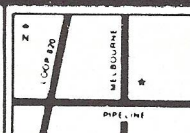
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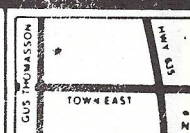
ARLINGTON, TX.
460-8846
550 LINCOLN SQUARE
130 & HWY 157 ACROSS
FROM BLACK EYED PEA



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598-1003
904 MELBOURNE
ACROSS THE STREET FROM
NORTHEAST MAIL



FORT WORTH, TX.
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527 GREEN GALLERY
ACROSS THE STREET FROM
RIDGMAN MALL



MESQUITE, TX
686-5987
2131 N. TOWNE BLVD
AT GUS THOMASSON

GUIDE TO COMPUTER LANGUAGE

BIT: A word used to describe computers, as in "Our son's computer cost quite a BIT.

BOOT: What your friends give you because you spend too much time bragging about your computer.

BUG: What your eyes do after you stare at the screen for more than fifteen minutes.

CHIPS: The fattening, non-nutritional, food that computer users eat to avoid having to leave their computers for meals.

COPY: What you have to do during school tests, because you spend so much time at the computer, and not enough time studying.

CURSOR: What you turn into when you can't get your computer to perform.

DISK: What goes out in your back, after bending over your keyboard for seven hours.

DUMP: The place all your former hobbies wind up, soon after you install your computer.

ERROR: What you made the first time you walked into a computer store, "just to look".

EXPANSION UNIT: The new room you have to build, to house your computer and all of its peripherals.

FILE: What your secretary can do to her nails, six and a half hours a day, now that the computer does her work in 30 minutes.

FLOPPY: The physical condition of a computer user, due to a lack of exercise, and a steady diet of junk food. (See CHIPS).

HARDWARE: Tools such as lawnmowers, rakes, and other heavy equipment, that you haven't laid a hand on since getting your computer.

IBM: The kind of missile your wife would like to drop on your computers, so that you can pay attention to her again.

MENU: What you will never see again, after buying a computer. You will be too poor to eat in a restaurant.

MONITOR: Often thought to be associated with computers. This word actually refers to the kids, who run around the hallways at school, and NARC on you.

Editor's Note: The above article was reprinted from the Lawrence Kansas, LACE newsletter, submitted by Jeff Dunaway, who in turn downloaded it from the NAMU BBS.

BOARD ACTIONS

14 October 1985

* The Board authorized expenditure of club funds for royalties on copies of MYDOS sold by the club this year.

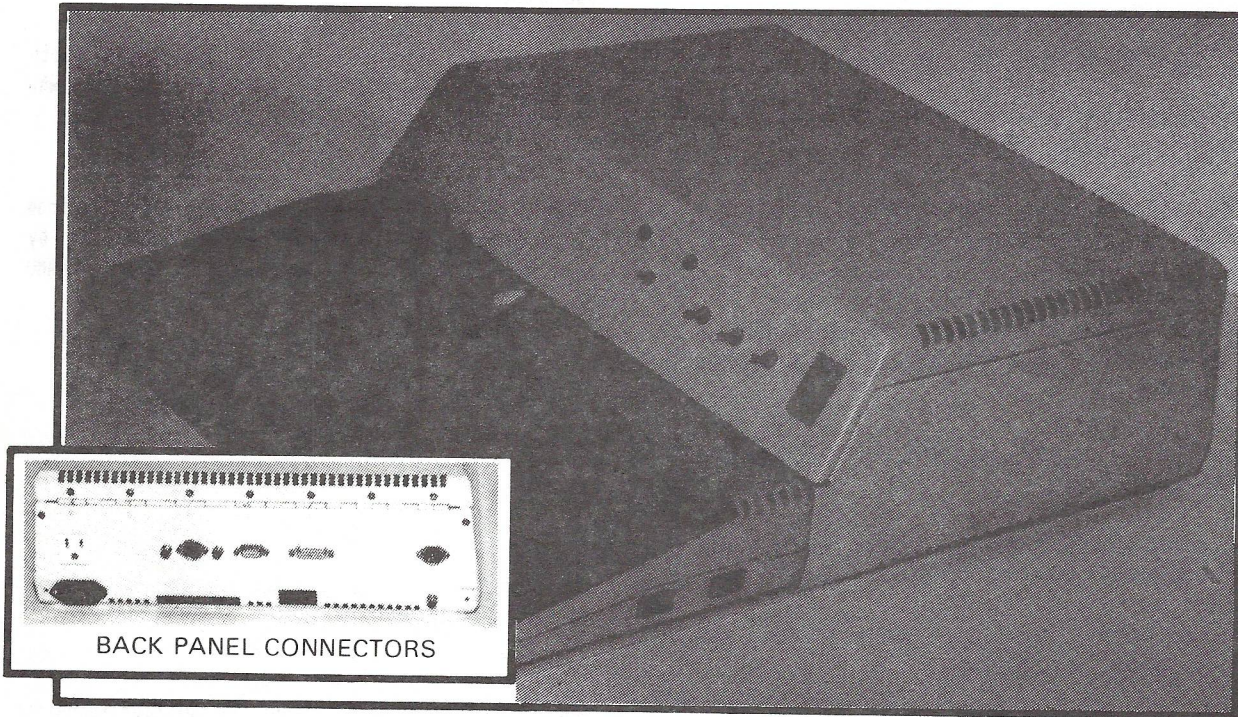
* The Board authorized Garage Sales starting at the January meeting. Since this activity is permissible under Informart's rules only if it is a money-making activity for the club, space at the garage sales table will COST the seller 10% of proceeds, up to a maximum of \$1. This area will be available ONLY to individuals for their personal sales - NO VENDORS!

* The Board authorized expenditure of \$400 for the TOYS FOR TOTS effort.

* The Board authorized purchase of SYNFILE for the Secretary.

* The Board authorized purchase of a disk drive for use by the Secretary.

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 John Pellet, 792-3175
 Art Editor: John Henson, 691-4154
 Software Editor: John Pellet, 792-3175
 Hardware Editor: Mark Maxham, 238-5949
 Programming Editors: Jeff Golden, 252-3268
 Dave Gillen, 245-2732
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 Distribution Managers: Roger Markley, 231-6918
 Steve Markley, 231-6918
 Cathy Barros, 368-8499
 David Miller, 391-1926
 Advertising Manager: Morris Stephens, 214-525-6483
 SIG Editor: *** Vacant ***
 Book/Mag. Editor: *** Vacant ***

NEWSLETTER SUBMISSIONS

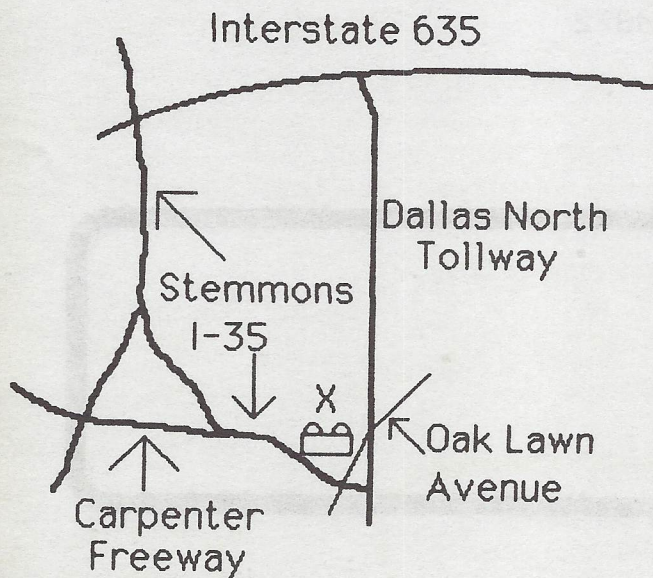
Submissions will be accepted in any form. However, it is extremely helpful if your submission(s) can conform to the following format:

Condensed print (16-17 CPI).
 Column width: 56 characters per column (3 7/16 inches).
 Column length: 9 inches (6 or 7 LPI - 6 preferred).
 Right margin justification used with text.
 Submitted to newsletter both printed out and on DOS format disk.

NEWSLETTER PRODUCTION SCHEDULE

DECEMBER Newsletter: Copy should be turned in to one of the editors above by November 23rd. Production meeting will be at 1 PM on Saturday, November 23rd at Jim Chaney's house, 916 E Berkeley in Richardson.

INFOMART MAP



***** MEETING INFORMATION *****

INFOMART - DALLAS, TEXAS

DIRECTIONS: From north Dallas, take either Stemmons (I-35E) or the Dallas North Tollway SOUTH. From Stemmons, take the Oak Lawn exit, turn left (east) and park at Infomart, on the left just after you go under Stemmons. If you're using the tollway, exit right on Wycliff, go left on Harry Hines to Oak Lawn and turn right. Infomart will be on your right. From the south, take Stemmons north then follow above. Its the big white steel and glass building near the other 'marts. The main entrance faces Stemmons. Guests are WELCOME!!

MEETING AGENDA

- 9:00 - INFOMART opens
- 11:00 - 12:00 Club Sales / Newsletter Pickup
- 12:00 - 1:30 Business Meeting / Demos
- 2:00 - 3:00 Club Sales / Newsletter Pickup
- 2:00 - 4:00 SIGS: Schedule posted!

Meeting rooms and additional information will be posted at the DAL-ACE booth at the main entrance, which will be manned from 10 AM to 4 PM. Membership signup, cards, and guest passes will be at the booth. Library sales and newsletter distribution will take place at our club sales area, normally near the vendor area. **BARAGE SALES ARE POSTPONED UNTIL FURTHER NOTICE!**

NOVEMBER MEETING: The next meeting will be Saturday, November 9, 1985 - 3 weeks after the October meeting.

NEWSLETTER ADVERTISEMENT

Personal FOR SALE or WANT ads are free to current members.

COMMERCIAL RATES:

- Full page (7 1/2" H by 9" V) \$35.00
- Half page (7 1/2" H by 4 1/4" V) \$25.00
- Quarter page (3 1/2" H by 4 1/4" V) ... \$15.00

Commercial ads must be camera ready. Ad deadline is the 15th of the month. Mail or deliver copy to DAL-ACE Newsletter, P. O. Box 851872, Richardson, TX, 75085-1872 or call Mr. Morris Stephens at 214-525-6483.

**** DISCLAIMER ****

The material contained in this newsletter reflect the opinion of the authors. Members are encouraged to offer opposing opinions at any time. We will not, knowingly, publish fraudulent or malicious material. The purpose of this newsletter is to present information for your consideration. The reader is the final judge of any product or advice presented. ...JLP

DAL-ACE
DALLAS ATARI COMPUTER ENTHUSIASTS

DAL-ACE is an independent, user education group not affiliated with ATARI, INC. This is the official newsletter of DAL-ACE and is intended for the education of its members as well as for the dissemination of information concerning ATARI computer products.

DAL-ACE membership is \$16.00 per year. This newsletter is written, edited, and published by club volunteers. Its availability and/or distribution may, at times, be subject to circumstances beyond the control of the club officers. Members will note that their membership renewal month appears as the first three (3) letters on the address label.

Other ATARI user groups may obtain copies of this newsletter on an exchange basis.

ALL MATERIAL IN THIS NEWSLETTER MAY BE REPRINTED IN ANY FORM, PROVIDED THAT DAL-ACE AND THE AUTHOR, IF APPLICABLE, ARE GIVEN CREDIT. LIKEWISE, PORTIONS OF THIS NEWSLETTER ARE REPRINTED FROM OTHER NEWSLETTERS AND ARE SO NOTED.

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