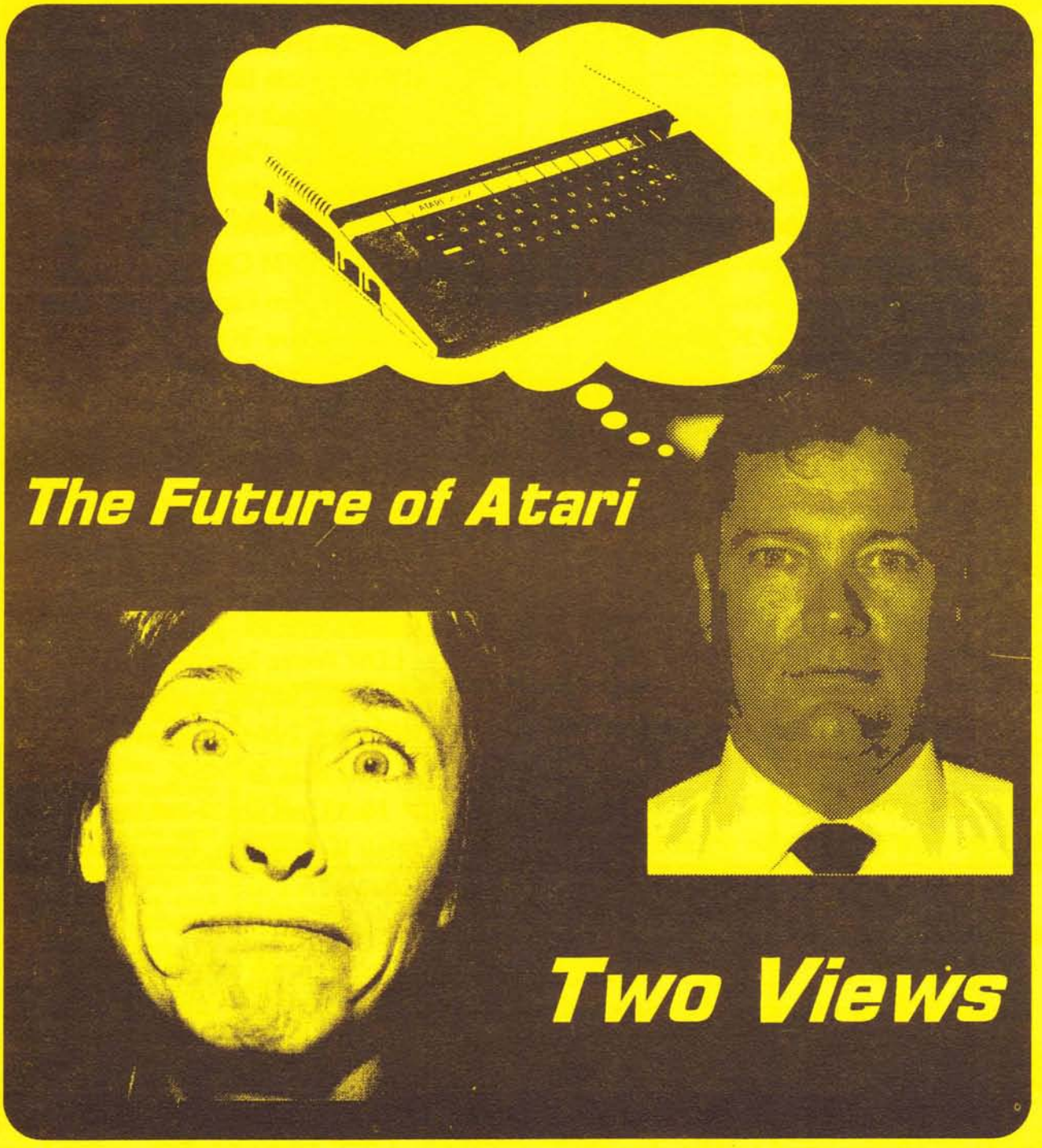
San Leandro Computer Club JOURNAL

August, 1991



The Future of Atari

Two Views

ATY COMPUTER

PRODUCT HIGHLIGHT

COMPUTERS

TT030 2, 4, 6, 8, 16
Mega STE 2, 4 - 50
Stacy 1, 4
Mega ST 2, 4
1040 STE
SLM 605, 804 Laser Printer
TT 14" Color, 19" Mono Monitor
TT Memory Board
Stereo 14" ST Color Monitor
Portfolio

ADD-ONS

AdSpeed 16mhz Accelerator
AT Speed - 286 IBM Emulator
Autoswitch Overscan
High Density Floppy Module
ISAC Hi-Rez Color Video Board
JRI Memory/4096 Color Board
SIMM Chip
Synchro Express
Rainbow TOS 1.4
TOS Switcher

HARDWARE

BEST Trackball, Power Supply
D.E.K.A., Keyboard
Multisync monitor and switch box
Golden Image Mouse
Hand Scanner w/Touch Up/Easy Draw
ICD Host Adapters
Hard drives from 30MB to 1.2GB
Spectre GCR
Supra Modem 2400 Plus
SyQuest 44MB Removable w/Cartridge

SOFTWARE

BEST Business Management
Calamus, Outline Art, Font Editor
dbMan 5, Data Manager Professional
Lattice C, Laser C, GFA Basic, HiSoft Basic
LDW Power, Informer II
Master Tracks Pro, KCS, Copyist II
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Editor: DeWayne Stuart (887-3028)
SemiGuest Editor: Jim Hood
New Nag: Bob Woolley

San Leandro Computer Club
P.O. Box 1506
San Lendro, CA 94577-0374

An independent, non-profit organization of Atari microcomputer users. Membership provides access to the club print and magnetic libraries, subscription to the Journal and participation in club activities. A membership application elsewhere in this issue details an opportunity you can't pass up.

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August • 1991

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* It works for me. JBH

CALENDAR

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	Main Meeting 8:00 p.m. San Leandro Library	7	8	9	10
11	ST Meeting 8:00 p.m. San Leandro Library	13	14	15	16	17
18	19	20	ST Beginners' SIG 7:30 p.m. 21	Publishing SIG 7:30 p.m. 22	Journal Deadline 23	24
25	26	27	28	29	30	31

Call SIG Leaders to confirm meetings.

Pounding on the 8-Bits

Buy your own / Share what you know / 8 bits are plenty

August, 1991

by Bob Woolley

The hardest part of any project is deciding exactly what it is you are going to do. Take the 80 column adaptor. It is pretty easy to define the 80 column character display since there are a number of implementations, all with their problems and deficiencies. They all attempt to display clear 80 column text on an 8-bit using the E: device and maybe some of the S: device. Other than that, you need to address the negative aspects of what has been done in the past - speed, memory use, flexibility and clarity. With the assistance of hindsight, the text display of the device has therefore been well defined and, for the most part, as it now stands, the 80 column project meets or exceeds what we need. You can read or write into screen memory at M/L speed, change character sets (within limits) and drive a TTL monitor very nicely now.

I only wish it were so for the graphics mode of the thing. It is too easy to add the few circuits necessary for graphics display to NOT put that feature in the adaptor. The hard part is, of course, what is our objective?

The natural tendency is to provide a 640x200x2 screen similar to the text mode. The problem with that approach is that you must use the TTL monitor since the Atari screen can't see 640x200 at all. One of the neat tricks the adaptor does is overlay the Atari screen - got to do something on there!

I had done a dual ANTIC mod which set two screens on top of each other and it had worked out pretty well, so I decided to do a 160x160x16 screen on the 80 column card. It used the output of the character generator to feed 4 bits to the Atari screen twice in every 80 column cell. I had a special character set in the ROM that would give me all 256 combinations over 2 scan lines and it actually worked OK when I got it all together. I could do 4 colors on the ANTIC and set 16 intensities for them with the 80 column adaptor.

So, why don't you see it here? Well,,,,,, there were lots of things I didn't like about it. Like.... You needed to load the screen memory funny due to the character generator interaction. No way to just throw the data in serially. You also don't have a source of files in 160x160x16 mode. The Atari has 80x160x16 (GR.9), but that is all. The data itself took so long to get all the way thru the RAM, ROM and latch that it was out of sync with the ANTIC screen (yeah, sure. I could fix that - you can fix anything with enough circuits, but this was getting out of hand). After playing with it a little, I trashed the 160x160x16.....

One little toy I have access to is a scanner. It outputs 300x300x16 graphics, or even 300x300x256 (talk about a big file!). When you display this on a VGA screen, it looks really great - why not do something like that? Or, 25% of that, anyway. Many of us are used to seeing 640x400x2 screens on the ST mono screen, but we can get better looking pictures than that in the same amount of memory by using 320x200x16 (and we can see such a graphic on our ANTIC monitors).

And, that's what I am doing. Move over to the output of the RAM, pull out 4 nibbles in every 80 column cell, and XOR the 4 output bits with the ANTIC screen. This uses all 32K and is much easier to load from the graphic data. The result is exactly 1/4 of a VGA screen in four colors and sixteen intensities. We will also have a source for graphics just by cropping the IBM data from a VGA display. And, the 160x160x16 mode is still available!

Hope this is enough. Like I said, the hard part is defining your objective. Sometimes you get caught up in what you're doing and you never quite finish "improving" it!

* * * * *

Ever considered how our computers should be configured? Take the flat-bed scanner over there... It has an 80286 in there that does all kind of neat stuff for you. Or the laser printer. Many of them have 68030s and a couple of megs of memory! How about a hard drive? The SCSI or IDE controller in a drive is more powerful than our 8-bits. Is something wrong here?

Heck, no! All those devices are just single minded slaves to my 8-bit. They don't need to be understandable by me, the User. I send a character to the printer - it prints it! I ask for a sector from the drive, it sends it! I will never have to be able to program a scanner, nor would I want to. They can make them as obscure as they wish, run them with Atomic energy for all I care. When technology builds a better printer, I'll buy it, 80486 and all. If technology builds a faster 6502, I'll buy that too! Add device drivers to my Atari OS - I'll buy them. Write a new, "better" OS - I'll pass. Build a new RISC computer - yawn..... no thanks. Why do people insist that they need a computer so complex that they will never understand it? They NEED to have some insight into the workings of their machines, or they are going to be totally dependent on their software! Leave the 32 bit processors to the I/O where it belongs. Give me a 128mhz 6502 and a 16K OS anyday.

exit soapbox.....

SLCC 8-bit Disks

by Bob Scholar SLCC 8-bit Software Chairman

SLCC DISK- July 1991

Vol.9, No.7

CONTENTS

This disk has four programs - all appeared in Antic magazine, as below.

DISPOZON.BAS- March & April 1989.
BAKER.BAS- March 1989.
SHUTDOWN.BAS- April 1989.
FINANCE.BAS- April/May 1990.

PROGRAM COMMENTS

ESCAPE FROM DISPOZON- Text adventure by Kevin Sherratt.

Because of its size, this BASIC text adventure was published on the March and April 1989 Antic Disks.

To play the game, RUN the file named DCODE. When prompted to insert the game disk; turn the disk over.

Longtime text adventure players will find parallels with Infocom's Planetfall. In Escape From Dispozon you're marooned on a planetFILL and your companion is irascible Iggy the Droid.

Depending on Iggy's mood, some of his reactions to commands can be most frustrating. Just remember- in dealing with Iggy, politeness really counts.

Iggy's limitations are many, although you wouldn't think so to listen to him. One thing he can do is give more than one response to a situation. Sometimes you need to make sure you've gotten ALL his information from him.

For detailed instructions; and the commands to be used; and tips on dealing with Iggy;- see DISPOZON.DOC on side "B" of this disk.

BAKER SOLITAIRE- By Tom Cline.

BAKER is an "open" solitaire game, a version of Eight Off. All cards are dealt face up. The player can always analyze the card position to determine the best move. It was discussed in Martin Gardner's column in the June '68 Scientific American. C.L.Baker introduced it to Gardner.

Baker can be played optionally with two, three or four suits of 13 cards, each. Since each suit is a different color, it should be played on a color monitor. Card values are shown by numbers and letters; 10 is indicated by a capital T.

Cards are dealt to a "field" of columns and rows. Two suits produce 6 columns; 3 suits are 7, and 4 give 8 columns. Tthe object is to place all cards on "terminal piles" in the area marked with a "T", in the upper right (A to K, of course).

The stars at the upper left, in the area marked "P", are spaces for "parking" cards temporarily- 1 card per space.

Columns and spaces are noted by letters. To move cards, you press 2 letters:- the "From" (location) and the "To". Example: pressing BJ will move the bottom card from col. B to the space marked J (if the move is legal). The first letter (B in this case) will turn black and the card will be moved when the second letter is pressed. A flashing letter (or line) shows an illegal move. To cancel the move; press the key which corresponds to the black letter.

The bottom card of a column can be moved to the next higher card of the same suit in another column; or an empty column or parking space; or to a terminal pile. The same rules apply to "parked" cards.

When you win it tells you how many moves you used. Press any key to play again. Use the SPACE BAR to "take back" any number of moves.

Press ESC for a new game or a re-deal. You can win about half the games- after you learn how!

SHUTDOWN.BAS- By Tony Barnes.

SHUTDOWN is a fast action game. for one player;- using a Joystick. You must shut down power stations on Xena 5; and evade the alien robots. SHUTDOWN.DOC explains all details of the game.

If you have the original Antic disk, you'll probably find that it's "bugged"! I had to revise 2 levels to make the game work!

HIGH FINANCE- By Philip Bate, PhD

FINANCE.BAS figures interest on loans or savings and shows how much difference a few points can make and it can print out. The main menu has six choices. You are guided through the calculations for any choice, and have the option of printing out your results. FINANCE.DOC explains all.

The magazine article is worth reading for examples and suggestions.

This is kinda the spill over from my PageStream 2.1 article on page 8.

Where I said that PageStream 2.1 remembers the last page printed on a file reloaded from disk... maybe that should continue, "during the same session."

All In The Mind

At the June ST SIG we got talking about my impressions of the AdSpeed 16 Mhz board.

I said it seemed to whiz thru LDW Power, but I didn't notice that much change in PageStream.

I guess I notice slowing down more than speeding up, because while we were printing sample text for this issue at Woolley's, his 8Mhz 1040ST seemed to be redrawing PageStream 2.1 screens much slower than my 16 Mhz'ed, 4 Meg 520ST.

So I came back home and timed some screen redraws at both 16 Mhz and 8 Mhz, with and without the help of G+Plus and Quick ST or Turbo ST. The software didn't cause much change, maybe 1 second, but the hardware did.

A screen that took 17 seconds to redraw at 8 Mhz took only 9 seconds at 16 Mhz and only 8 seconds with either software package running.

How to Hurt a Guy

I assume most of you know that Atari cancelled MicroWorld's authorized dealer status (or whatever it's called) a while back. That means MicroWorld must go through a distributor to get the "mass market" machines, like the 1040STe's and supposedly is cut off from the "high end" TT market.

I was driving around picking up this month's ads and it suddenly dawned on me; that isn't really that harsh, since *authorized* dealers can't get high end machines either. (One rumor being that Atari needs $1 million in orders from dealers before the Taiwan subcontractors will fire up their assembly lines.)

What REALLY Happened

In his July, '91 DACE editoral Daniel A. Galant says of Bob Brodie, "I also understand that he recently lost his bid to be president of SLCC, a good thing for them I am told. Who knows, maybe if he HAD won, we would be getting some more new members from another defunked club.

"However, he didn't win and SLCC will continue to be a strong base for Atari support and help, congratulations guys."

Well...my recollection is...Bob didn't make a bid to be president; I nominated him at a meeting when he wasn't in attendance (our standard method), over the objections of Bill Rehbock, who thought it was an unfair thing for me to do. I did it because the previous year we only had one person running for each office and after I slaved hours preparing the ballots we ended up electing the nominated candidates by acclamation. So this year I tried to get two names for each office. (Although Glen Fowler was the only person I could think of who might maintain my high standards as treasurer.) And besides, I like Bob and thought nominating him was a way to express that.

I don't know why a majority of the members voted for Woolley, but I would guess that for many the reasons were the same as mine. I knew Brodie was much too busy to take on the many responsibilities of president.

[The ideal club president is someone who is unemployed, or who will quit their job if it interferes with club work. Bob Barton was excellent in this respect, Keith Sammons was very good and Woolley has potential.

Whereas, if Brodie quit his job, we would lose his inside track at Atari.]

And I also like Bob Woolley; he's contributed a lot to the club; so voting for him was a way to show my appreciation.

[*Not* renominating Keith was my way of showing *him* my appreciation.]

I should point out to the other clubs which get this newsletter as an exchange that our club is probably unique in that not many members really want to be elected officers.

Now the Rumors I Hear Are

Bob Brodie attended at least one DACE meeting, but didn't introduce himself. (DACE has a thing going about how long Brodie has gone without attending any of their meetings. He supposedly has "signed on" and then been a no show once or more.)

I understand one reason he originally didn't made a public appearance there has to do with DACE's president at the time Brodie started with Atari impressing Bob as someone he didn't want to deal with.

Which probably helped DACE become antagonistic to Brodie... which helped Brodie become more put off by DACE which...

Besides DACE gets A. J. Redmer and John Russell at more meetings than we do, but I'm not mad at Red or John. Well, not much anyway.

Well, if Brodie arranges to have Greg Pratt speak in September, I'd like to extend an invitation to DACE to attend. Maybe we can work out some peace accords.

important stuff by Jim Hood

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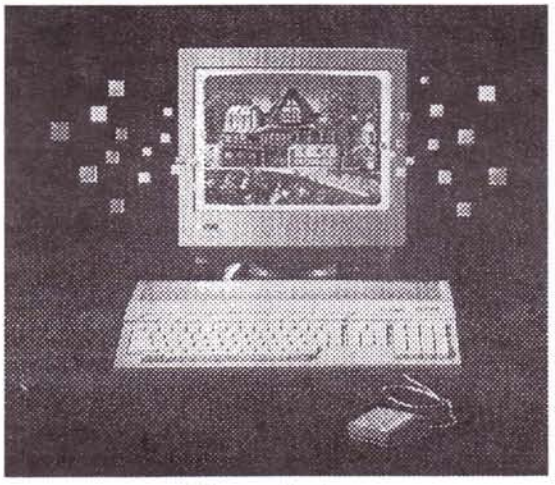

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PageStream 2.1

Jim Hood

Soft-Logik has shipped PageStream 2.1. I used it to do my part of this month's **Journal**. My four disk, two manual and one quick reference card update arrived the third week of July . Much of my time with it has centered around the new font system which allows use of current PageStream as well as PostScript Type 1 and Compugraphic Intellifont compatible fonts.

Overview

PageStream 2.1 seems more an enhanced 1.8, rather than a complete reworking like we saw between Publishing Partner and the original PageStream. Drop-down menus and tool box icons are arranged as before.

It is still possible to get bombed out, so frequent saves are prudent.

The two new manuals, a sprial bound User Manual and a center stapled QuickStart Manual are attractive, readable, Lino'ed pieces that not only tell how to use PageStream but also give background on related subjects, such as word processing and typesetting.

The QuickStart Manual is designed to help you put PageStream on your computer system and get working with it.

The User Manual details PageStream's features and gives good general coverage to related subjects.

Due to changes in the program setup and directory structure, the QuickStart manual recommends reinstalling PageStream when going from version 1 to version 2.

There are instructions for installing on either floppy or hard disk systems. If you plan on using programs of this size and complexity, get a hard disk.

The program and related files take a bit less than 2.5 Megs of disk space. At this writing *my* PageStream folder contains 435 items in 20 folders, taking about 15 Megs of space; and a lot of those items are ARCed files. Get a *big* hard drive.

With one or two exceptions, the QuickStart Manual should get most users up and running. By page 19 the average Atari owner should know how to set up a PageStream folder on a hard drive; start the program; create a new document; and lay out text columns, lines and boxes.

On page 19 it is finally time to create a text object. If a user does just what the manual says, he will get the result expected, but he will be popping disks in and out of his floppy drive(s) in response to screen dialog box prompts while trying to find the two disks out of four that have the necessary font information. (In case you try; put CG Fonts Disk 1 in Drive A and PS Fonts Disk in Drive B.)

PageStream is conveniently set up with default paths having no drive specifiers. Thus, if the QuickStart instructions are followed, PageStream knows where to go for everything but fonts – because the default Font Path points to the location of the Font Manager File, not the actual fonts. The Font Manager in turn points to locations described in its Fontlist. Once going, this is a good setup. It allows fonts to be placed almost anywhere. The user just adds and subtracts font names and locations in the Fontlist through the usual method of picking them from his normal item selector.

The QuickStart Manual should instruct users to access the Fontlist by selecting the Manager button in the Style Font/Point or Global Set/Save Paths dialog boxes; select one of the existing font paths; Remove it, then Add the correct path to the font's new location. After doing that for all the font folders *and* the folder containing the FONTLIST.V2 FONTSS.V2 and FONTEQIV.V2 files, choose the Default button to update the Fontlist file.

The User Manual details font management on page 8.5; and types of fonts and their associated files on page 1.27.

What's new?

More font selections. Current PageStream as well as PostScript Type 1 and Compugraphic Intellifont compatible fonts are supported. (Calamus style Compugraphic fonts are not.) The User Manual says that neither Compugraphic or PostScript fonts can have kerning pairs set through the Global Set Kerning Pair menu. I miss that feature (which *is* still

available for PageStream type fonts.The others can only be altered with a font editor. They all can be printed on dot matrix printers.

No PS and PSF font files required with *PageStream* style fonts.

Scalable screen fonts above 24 pixel height. The supplied Compugraphic fonts look really good scaled on screen. Even rotated text is very readable.

Bezier curves added to the polygon drawing function.

Changable page sizes with the new Set Page Dimensions command in the Layout menu.

Usable bleed area. Allows objects to extend off the page.

Several SHIFT KEY functions. Holding Shift when making different mouse selections:

» moves you to the first or last page with an object on it. (I used to select an object, hold Shift, change pages, select another object and select Align to align objects on different pages. Now I have to remember to release Shift during the page move. Other than that the procedure still works.)

» moves you to last previously selected page.

» shows double page view of discontinuous pages.

» shows 25% view.

» shows 400% view.

» changes to previous magnifications but doesn't allow continuous toggling between two views.

» selects blocks longer than shown on screen.

» selects all text in a column, or series of linked columns.

Control Plus Left [Right] Arrow moves cursor to beginning [end] of line.

Save As Template. Templates reload untitled so you won't accidently Save back to them after making modifications.

Twenty Tabs per column.

Line hypenation works properly with words containing hyphens.

Remembers last page printed on a file reloaded from disk!!

And more.

Complaints

Sometimes bombs after selecting blocks and batch kerning, etc.

Neo files import wrong.

Some macros save and/or execute wrong. (Those using Escape?) (Try either "Switching Tags" sample macro on page 8.13 of the User Manual.)

Cautions

Likes big RAM. Bob Woolley and I ran out quite a few times when doing the DeskJet sample prints using his 1040ST.

Redraws often which takes time. See my stuff on page 6.

Qume ScripTen

PostScript Mode

When in the course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume, among the powers of the earth, the separate and equal station to which the laws of nature and of nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.
We hold these truths to be self-evident, that all men are created equal; that they are endowed by their Creator with certain inalienable rights; that among these, are life, liberty, and the pursuit of happiness. That, to secure these rights, governments are instituted among men, deriving their powers from the consent of the governed; that, whenever any form of government becomes destructive of these ends, it is the right of the people to alter or to abolish it, and to institute a new government, laying its foundation on such principles, and organizing its powers in such form, as to them shall seem most likely to effect their safety and happiness. Prudence, indeed, will dictate that governments long established, should not be changed for light and transient causes; and, accordingly, all experience hath shown, that mankind are more disposed to suffer, while evils are sufferable, than to right themselves by abolishing the forms to which they are accustomed. But when a long train of abuses and usurpations, pursuing

Hewlett Packard Mode

When in the course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume, among the powers of the earth, the separate and equal station to which the laws of nature and of nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.
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DeskJet

with PageStream 2.1

When in the course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume, among the powers of the earth, the separate and equal station to which the laws of nature and of nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.
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with PageStream 1.8

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Sample Printouts using various printers/drivers. Times were for printing the 3 columns below.

Qume Scripten laser printer

	PostScript Mode	Hewlett Packard Mode
Time:	2'-52"	5'-10"
"PageStream" Style Fonts	When in the course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume, among the powers of the earth, the separate and equal station to which the laws of nature and of nature's God entitle them, a decent	When in the course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume, among the powers of the earth, the separate and equal station to which the laws of nature and of nature's God entitle them, a decent
Bengal	**respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.**	**respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.**
Columbia	**We hold these truths to be self-evident, that all men are created equal; that they are**	**We hold these truths to be self-evident, that all men are created equal; that they are**
Compugraphic Fonts	endowed by their Creator with certain inalienable rights; that among these, are life, liberty, and the pursuit of happiness. That, to secure these rights, governments are instituted among men, deriving their powers from the consent of the governed; that, whenever any form of government becomes destructive of these	endowed by their Creator with certain inalienable rights; that among these, are life, liberty, and the pursuit of happiness. That, to secure these rights, governments are instituted among men, deriving their powers from the consent of the governed; that, whenever any form of government becomes destructive of these
CS Triumvirate (Helvetica in PostScript)	ends, it is the right of the people to alter or to abolish it, and to institute a new government, laying its foundation on such principles, and organizing its powers in such form, as to them shall seem most likely to effect their safety and happiness. Prudence, indeed, will dictate that governments long established, should not be	ends, it is the right of the people to alter or to abolish it, and to institute a new government, laying its foundation on such principles, and organizing its powers in such form, as to them shall seem most likely to effect their safety and happiness. Prudence, indeed, will dictate that governments long established, should not be
Garamond	**changed for light and transient causes; and, accordingly, all experience hath shown, that mankind are more disposed to suffer, while evils are sufferable,**	**changed for light and transient causes; and, accordingly, all experience hath shown, that mankind are more disposed to suffer, while evils are sufferable,**
Fontverted		
Ice Bold		

Dot matrix printers

Time:	DeskJet 11'-3"	Epson FX-286 17'-13"	
	When in the course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume, among the powers of the earth, the separate and equal station to which the laws of nature and of nature's God entitle them, a decent **respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.** **We hold these truths to be self-evident, that all men are created equal; that they are** endowed by their Creator with certain inalienable rights; that among these, are life, liberty, and the pursuit of happiness. That, to secure these rights, governments are instituted among men, deriving their powers from the consent of the governed; that, whenever any form of government becomes destructive of these ends, it is the right of the people to alter or to abolish it, and to institute a new government, laying its foundation on such principles, and organizing its powers in such form, as to them shall seem most likely to effect their safety and happiness. Prudence, indeed, will dictate that governments long established, should not be **changed for light and transient causes; and, accordingly, all experience hath shown, that mankind are more disposed to suffer, while evils are sufferable,**	When in the course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume, among the powers of the earth, the separate and equal station to which the laws of nature and of nature's God entitle them, a decent **respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.** **We hold these truths to be self-evident, that all men are created equal; that they are** endowed by their Creator with certain inalienable rights; that among these, are life, liberty, and the pursuit of happiness. That, to secure these rights, governments are instituted among men, deriving their powers from the consent of the governed; that, whenever any form of government becomes destructive of these ends, it is the right of the people to alter or to abolish it, and to institute a new government, laying its foundation on such principles, and organizing its powers in such form, as to them shall seem most likely to effect their safety and happiness. Prudence, indeed, will dictate that governments long established, should not be **changed for light and transient causes; and, accordingly, all experience hath shown, that mankind are more disposed to suffer, while evils are sufferable,**	"PageStream" Style Fonts **Bengal** **Columbia** Compugraphic Fonts **CS Triumvirate** **Garamond** Fontverted **Ice Bold**

Image scanned into Touch-Up using finest dither setting. Gray scale blocks added by hand. Each block duplicates one of the ten dither patterns used in "fine" Touch-Up scans. TIFF version produced with Touch-Up Version 1.6 TIFF 32 Gray Level converter.

Printer Times are for printing a pair of images.	**IMG**	**TIFF**
Qume ScripTen PostScript Mode 2'-10"		
Qume ScripTen H-P Mode 2'-16"		
DeskJet 3'-10"		

Cloth ribbon printers darken blacks by overprinting a second pass. In offset printing this prints poorly if no halftone is made — the case here. For reference, the larger image showed two definite levels of gray scale blocks between white and black. Two or three "blacks" are barely discernable. All prints were dark.

IMG

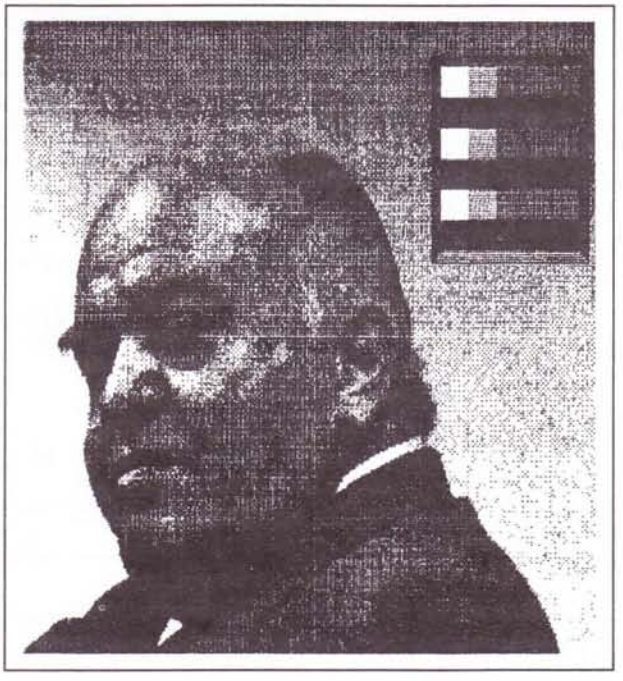
This image was scaled in Touch-Up for printing at 300 dpi – incorrect for an Epson 9 pin printer.

TIFF

Printer

Times are for printing a pair of images.

EPSON FX-286
3'-29"



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General Meeting Minutes 07/02/91

The meeting was called to order at exactly 8:00 PM by our brilliant, witty, sexy, handsome and brand spanking new president, whatever his name is. The President said the past treasurer, Jim Hood and the current Treasurer, Glenn Fowler, were both missing as was the whole club treasury of $56. He thought they might be vacationing in sunny downtown Oakland.

Whatshisname introduced a visitor who had come to sell some unneeded equipment.

This evening's raffle prizes were reviewed. They included a 1200 modem, a bunch of games and the all important and very rare monitor cover.

The same guy mentioned above said there would not be an ST SIG on November 11th as the library will be closed.

Our resident Dirty Old Man, Bob Scholar, described the contents of the 8 Bit Floppy. One side of the disk has a very large text adventure, the other side will have the usual mix of junk along with the all important solitaire game. (Sure would be nice if that old bat would find something else to do besides play card games. Of course when you are 101 not much else is exciting.)

The President opened the rest of the meeting to a question and answer and general bull session on the subject of meetings and what to do with them. His idea was to have a do it yourself setup with members setting up demo's of favorite software or hardware. This is an ever more important subject as it is getting tougher all the time to get speakers for our meetings. All members should give the idea of maybe making an informal presentation at a future meeting. About the worst thing that could happen is that the secretary might give you a bad time!

DeWayne Stuart having heard the call for demo's brought an automotive repair computer to the meeting. This computer is housed in a large metal box about two feet square and six inches high. Inside this box according to Stu is the guts of a ST MEGA computer, a thermal printer and a CD player.

Along with the computer comes a set of eight CD disks that have all kinds of auto information on almost any car or truck. All the mechanic has to do is select the make, model, and year of the auto he needs info on and it shows on a mono monitor. If any of the information or diagrams are needed, a hard copy can be run out in seconds. The info available is not just general repair manual stuff but also any recall's that have been issued and what to do about them.

Needless to say this is not for the average home. It costs many thousands of dollars. Of course this price includes five years of info updates, on three month intervals.

After a short break and another less than honest raffle the meeting was adjourned by old whatshisname.

Responsibly Submitted
Jin Moran - Secty.

San Leandro Computer Club — Membership Application

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Membership No.

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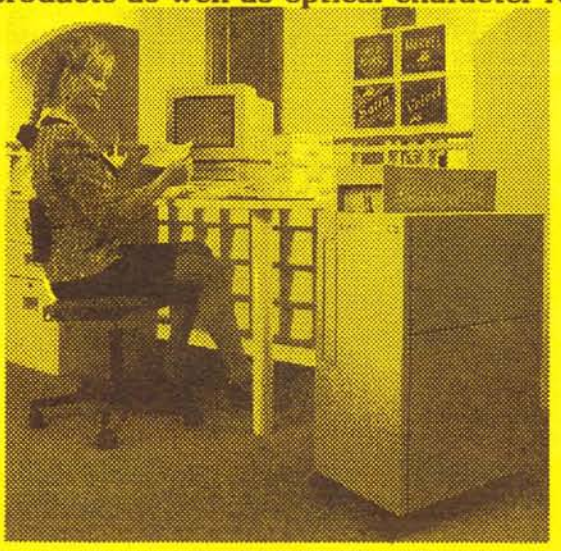
America's only authorized reseller of the Hell Ultragraphics system! Look for our Publishing Center Grand Opening in August at Telegraph and Dwight. Show us with your money that Atari is still viable or don't bellyache as Mac and IBM take over.



Computers

TT030 2/50 $1879
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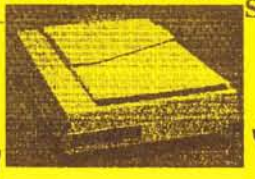

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GMA PLOT

The premiere plotter controller software from Germany is now available exclusively from Zephyr. You can now run the eight color sketch mate or any other plotter for design on paper or for cutting vinyl for only $995. GMAPlot runs with Calamus or Outline and many other programs and allows you to plot housing designs, run an engraver, or cut vinyl signs rapidly. If you are a graphic artist, T-Shirt designer or screen printer this is a must for you. Special pricing: Roland Sketch-Mate (8 1/2"x11") and GMAPlot $1595.

Software Specials

ZakMcCracken $12.50 — ManiacMansion $12.50

Applications		Games	
Partner ST	$40	Anarchy	$27
WordWriter II	$49	Lemmings	$35
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20 meg Conner 25ms HD $345!

LYNX GAMES $34.95

I seem to have lost the instructions for being Club President, so I am going to have to make this up as I go along here.... No proclamations are pending, the Club is still solvent, the Journal is going out, the BBS are up (what the heck is the plural of BBS, BBI?),,,. This is a pretty soft job!

For the August meeting, we will have our usual program of crooked raffle, DOM and free-for-all. Also, Michael St. Pierre, of TransKey, may bring down his 8-bit-in-a-PC-case for us to play with. It has a BlackBox from CSS in it that some of you may find interesting (it is basically an enhanced MIO that does lots of really nice things for you). I don't think we have ever had a BlackBox at one of our meetings, so this will be the first opportunity for many of us to see one demonstrated.

Bring your stuff to sell, bring your rumors, bring your friends. Heck, we may even bring an Amiga!

Yore Prez....

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General Meeting
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