VOLUME 0, NUMBER 10 • WINTER/SPRING 1987

# BEAGLE BROS APPLE SOFTWARE CATALOG

## & BEAGLE BROS BULLETIN

## F E A T U R I N G

## SIX NEW PRODUCTS!

NOW IN OUR 7TH BIG YEAR!

Hello out there--

As Beagle Bros enters its SEVENTH YEAR in the software publishing business, we notice a lot of interesting changes, and we like what we see.

More and more software publishers are dropping copy protection from their disks, a policy Beagle Bros adopted in 1980, to our competitors' surprise (we even used the word "unprotected" in our ads--*gasp!*). The illustration below about sums up our feelings on backup-able software.

More and more non-programmers are using Apples. Our product line used to be 90% for hackers, but now the ratio has gone beyond 50-50.

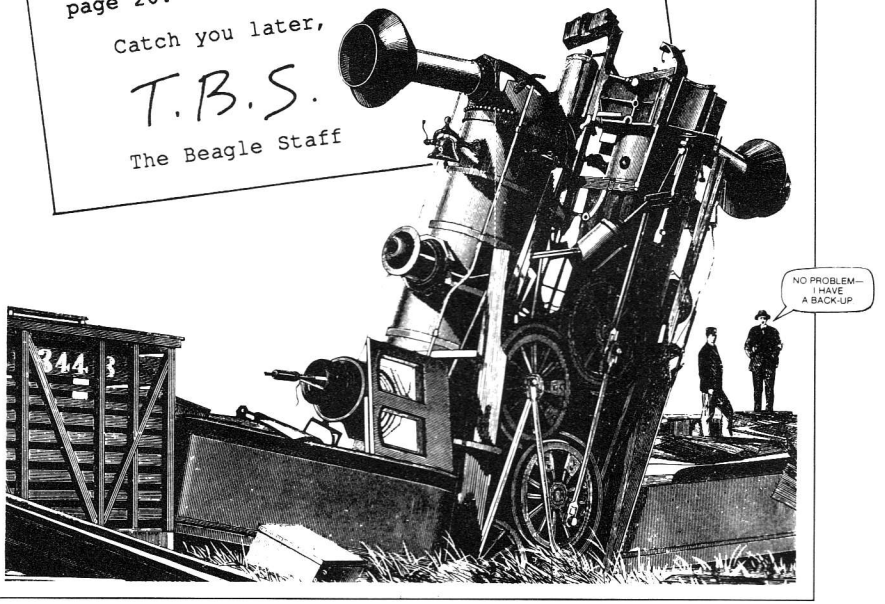
Hardware is getting friendlier. It seems to us like the Apple II and Mac are destined to become one machine some day (Apple Inc. denies this, but what do *they* know?). In the meantime, peripherals may be swapped with ease, and you can read disks created by one machine on the other.

And software? Well, software's always getting better. If you don't believe it, check out Alan Bird's BEAGLE COMPILER on page 20.

Catch you later,

T.B.S.

The Beagle Staff



# BEAGLE BROS
# APPLE II SOFTWARE CATALOG
## AND BEAGLE BROS BULLETIN
Winter/Spring 1987

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Volume 0, Number 10: Copyright © 1986, Beagle Bros Micro Software, Inc.
3990 Old Town Avenue, San Diego, California 92110, Telephone 619-296-6400
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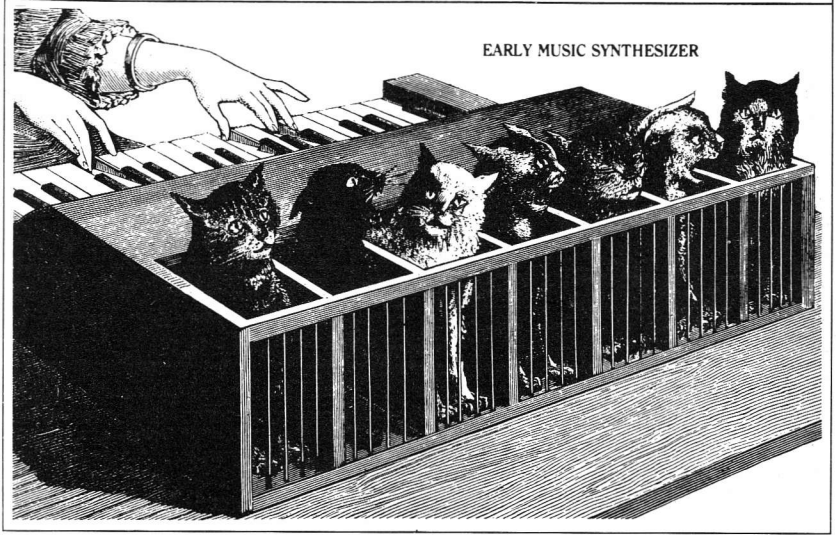


EARLY MUSIC SYNTHESIZER

# MACROWORKS

AppleWorks™ Enhancement
by Randy Brandt
Compatible: Apple IIGS, IIc & 128K IIe
Requires AppleWorks 1.3 or earlier
(ProDOS) **$34.95**

INCIDER EDITOR'S CHOICE AUGUST 1986

Note: MacroWorks is for AppleWorks version 1.3 or earlier. If you have new AppleWorks version 2.0, you need SUPER MacroWorks (next page).

**NEW WORD PROCESSING POWER**
MacroWorks streamlines AppleWorks' Word Processor with a multitude of new features. For example, one quick keystroke will now delete the *character* or the *word* at the cursor.

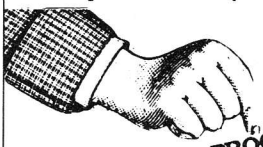
```
Return too our lover's office:

      Harvey R. Smith
      6502 Disk Drive
      Uptown, CA 92103
```

Macros let you type almost anything with just one keystroke.

Use one keystroke* to jump to the start or end of a line of text. Another keystroke will erase an entire line. Change your mind? Apple-U will instantly "Undo" your last delete command.

**CREATE YOUR OWN MACROS**
MacroWorks will convert any series of keystrokes into a new one-keystroke AppleWorks command or "macro". Use MacroWorks' built-in macros, or define your own. For example, make ⌘-N type and center your name and address. Or let ⌘-P Print (or Save) *all* of your Desktop files, nonstop.



**FOR THE WORD PROCESSOR, DATA BASE AND SPREADSHEET**
Endless possibilities. For example, in the Spreadsheet, you may find yourself typing the same series of keystrokes every day to sort a column of numbers. Set it up as a one-keystroke macro! Or set up a macro that skips unwanted AppleWorks questions like *"How many copies?"* and *"Are you sure...?"*.

*Macros are Solid-Apple (⌘) commands. All original AppleWorks commands stay intact.

*"...THE BEST SINGLE APPLEWORKS ADD-ON AVAILABLE TODAY."*
-A+ Magazine
October 1986

**JUST BOOT APPLEWORKS AND GO**
MacroWorks is *not* a time-consuming "preboot" disk. You boot Appleworks like you always do, but now you've got optional mouse control, and over 4,000 keystrokes-worth of macros at your fingertips.

***AT LAST-APPLEWORKS***
## *MOUSE CONTROL!*

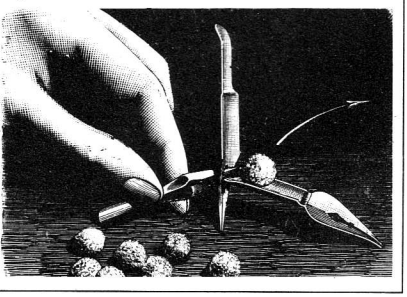
Mousers rejoice! Now you can use your Apple's mouse for precise high-speed control of AppleWorks' menus, scrolling, word-block highlighting and so on. Many customers claim that this enhancement alone is worth the price of MacroWorks.

**PERSONALIZED HELP!**
MacroWorks lets you replace AppleWorks' original Help screens with new "instant access" information of your own, like a list of your new custom macros or important names and phone numbers.

**"DESKTOP EXPANDER" COMPATIBLE**
MacroWorks is compatible with both the Applied Engineering and Checkmate Desktop Expanders.
(MacroWorks ignores the A. E. print buffer.)

**FRIENDLY AND UNPROTECTED**
MacroWorks may be installed on a hard disk, RAM disk or UniDisk 3.5.™ It is easy-to-use and compatible with any Apple that uses AppleWorks version 1.3 or earlier.

Like all Beagle Bros disks, you can make backups without hassle or special software.



# SUPER MACROWORKS

AppleWorks 2.0 enhancement
by Randy Brandt
Compatible: Apple IIGS, IIc & 128K IIe
Requires AppleWorks 2.0 or later
(ProDOS) **$49.95**

NEW!

Note: Super MacroWorks is for new AppleWorks version 2.0. If you have an older AppleWorks-1.3 or earlier-you need MACROWORKS (page 4).

## MACROWORKS POWER PLUS!

Super MacroWorks provides the same AppleWorks enhancements and improvements as MacroWorks (page 4), **PLUS** the features on this page.

### AUTO STARTUP

Boot AppleWorks and it will get itself up and running without another keypress. You can also have any AppleWorks file automatically load, so you're ready to go to work!

### DIRECTORY DATABASE

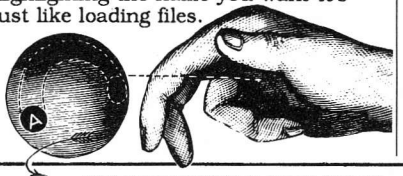
Quickly read the file names from any or all of your ProDOS disks into the AppleWorks Data Base. Search and sort by file name, type, date, etc., and make printouts, to see what's *really* in that disk library of yours.

### ON-THE-SPOT COMPILING

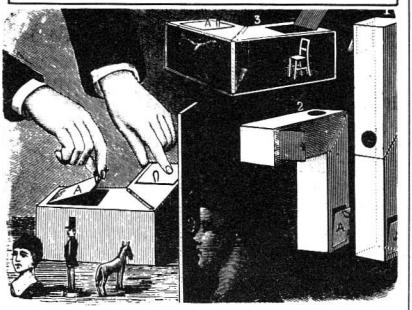
MacroWorks (page 4) requires you to run a separate program to compile a set of custom macros. AppleWorks 2.0 and Super MacroWorks let you compile new macros "live" without leaving AppleWorks.

### NO MORE TYPING PATHNAMES!

When AppleWorks wants a pathname (another disk or directory), you now select from a menu instead of typing the pathname. Choose by simply highlighting the name you want-it's just like loading files.



SUPER MACROWORKS OFFERS THE APPLEWORKS ENHANCEMENTS LISTED ON THIS PAGE AND ON PAGE 4.



### LINKED FILES

Linked files open up all kinds of possibilities, including the ability to define a set of macros that work with one particular file. (One keystroke can load a file, then load the associated set of macros.)

### READ-THE-SCREEN MACROS

This handy feature lets you do many things, like convert characters, words or paragraphs from lower case to UPPER and back.

And now you can cut and paste anywhere, including from field-to-field or record-to-record in the Data Base.

### LOCAL/GLOBAL MACROS

Super MacroWorks lets you define macros that work differently depending on the current application.

FOR EXAMPLE, you could make an ⌘-N keypress do 3 different things:

| *Application* | *Function* |
|---|---|
| Word Processor | Type your name |
| Data Base | Sort by Zip Code |
| Spreadsheet | Type "3.14159" |

### TIME & DATE MACROS

One keystroke prints the current date or time in any AppleWorks application. For example, one ⌘ keystroke will print today's date at the top of the letter you are typing.

### *MACROWORKS UPDATES*

*MacroWorks owners can update to Super MacroWorks by mailing the entire front cover of their MacroWorks manual plus $22.50 to Beagle Bros. (California, add $1.20 tax)*

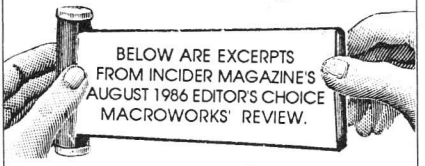
### *APPLEWORKS UPDATES*

*For a reasonable fee, Apple will update your old AppleWorks disk and manuals to version 2.0. This is a limited offer. See your local Apple dealer for details.*

## PEOPLE'S CHOICE AWARDS FOR 1986

InCider Magazine asked its readers to vote for their favorite Apple software program of 1986. Randy Brandt's MacroWorks placed THIRD behind a couple of pretty heavy hitters!

**#1. AppleWorks** (Apple Computer)
**#2. The Print Shop** (Broderbund)
**#3. MacroWorks** (Beagle Bros)




## *MACROWORKS:*

### *THE ICING ON APPLEWORKS' CAKE*

*Not every Apple owner needs AppleWorks, but every AppleWorks user can benefit from MacroWorks. Randy Brandt's enhancement package is a combined wish list and toolbox for Apple's spectacularly popular program. It adds to AppleWorks what other utilities add to DOS 3.3 or ProDOS-extra speed and functions that soon become invaluable.*

*Technical Editor Paul Statt says, "...if you find yourself typing the same keystrokes, MacroWorks types them for you. Furthermore, it types them so quickly you can accomplish tasks you'd never attempt yourself, like putting all the words you delete into the clipboard so that you get them back.*

*"Everything you read in the ads is true. If you use AppleWorks, buy MacroWorks."*

*According to Review Editor Eric Grevstad, "Micro users become macro addicts for two reasons. MacroWorks automates data entry, typing your return address or whatever, well enough, but its short-hand command entry is sensational.*

*"Even if you never write a macro of your own, MacroWorks' word processing commands make AppleWorks a much better program-terrifically fast, with invaluable commands Apple forgot (well, didn't forget, but made too laborious for casual use).*

*"Forget Editors' Choice; this could be Product of the Year."*

## *APPLEWORKS TIPS*

*(from the MacroWorks and Super MacroWorks manuals)*

### TWO-SIDED WORD PROCESSING

To make a two-sided printout of a multi-page Word Processor document, first make a complete printout on fanfold paper. Then reload it into your printer, and do another printout on the back, *starting with page 2* (page 2 prints on the back of 1, page 3 prints on the back of 2, etc.). Now throw away every other page and you've got it!

*Note: A picture is supposedly worth 1,000 words, but the picture we were going to use here was so confusing, we decided to roundfile it.*

### ESCAPE FROM PRYING EYES

If you're typing your private memoirs, and a passer-by passes by, just press the Esc key and AppleWorks' Main Menu will hide what's on the screen.

### APPENDING AWP FILES

To connect Word Processor files A and B, put them both on the desktop, then:

- Copy file B TO the clipboard.
- Move the cursor to the end of A.
- Move file B FROM the clipboard.
- Rename file A (optional, but wise).

### PAUSE HERE

One handy use for Word Processor Option PH is to make your printer stop so you can change printer fonts.

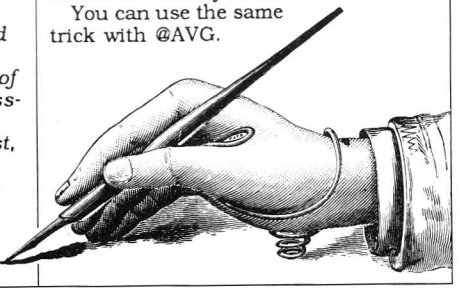
### MACRO MANIA

Unfortunately, AppleWorks allows only one Custom Printer. But you *can* create a *macro* that types in new specs each time you want to change printers!

### @SUMTIP

When doing a column total in the Spreadsheet, set the limits to one row *above* and *below* the actual limits you want. For example, use @SUM(A2...A9) to add cells A3-A8. That way you can sort or rearrange rows and your @SUM numbers will stay intact!

You can use the same trick with @AVG.



# POWER PRINT

Dot Matrix Printer Utility
by Rob Renstrom
Compatible: any Apple II-64K min.
(ProDOS) **$39.95**

NEW!

**POWER PRINT LETS YOUR PRINTER DO WHAT IT WAS *DESIGNED* TO DO.**

Power Print lets you "download" a second typestyle into your printer's memory, so you can alternate between your standard printer-font and a custom font with special characters and symbols:

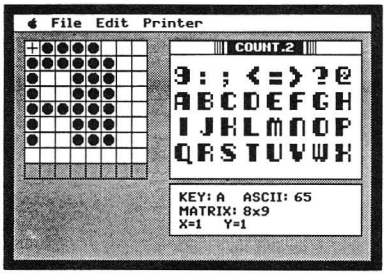
COUNT: ABCDabcd6789*&?
BYTE: ABCDE12345←↑→↓□●
OUTLINE: XYZ OLD ENGLISH

**BORDER FONTS TOO!**

(Note: Custom fonts print on your printer; they do not appear on the screen.)

**OUR FONTS OR YOURS**

Ten custom printer-fonts are included on the Power Print disk. An easy-to-use Font Editor lets you redraw any of the characters in our fonts. Or you can design your own custom fonts and special characters from scratch.




POWER PRINT'S FONT EDITOR

**APPLEWORKS COMPATIBLE**

In fact, Power Print is everything-compatible. After loading a custom font into your printer (in under 2 seconds), just boot AppleWorks, AppleWriter, ProDOS, DOS 3.3-or practically any Apple program or software that you want-and custom printing is yours!

**MIX GRAPHICS AND TEXT**

Power Print turns your printer into a creative tool. For example, you may design up to 96 custom printer-characters that combine to print a small illustration like a logo. You may then include this illustration as part of your regular word processor printouts.

Dear Joe,

The panda and signature shown here were typed with AppleWorks (along with regular text) and printed on an ImageWriter printer. Other software and printers work equally well.

Honestly,

*A. Lincoln*

Uncle Abe

**FULL-SPEED AHEAD**

Unlike other printer-font software, Power Print won't slow your printer down one bit.

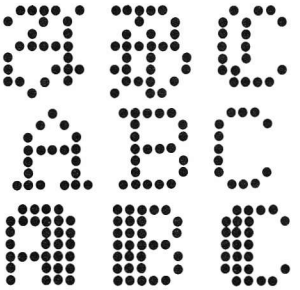
**THESE PRINTERS AND MORE**

Power Print works with most full-font downloadable printers, including:

APPLE DMP
APPLE IMAGEWRITER (I and II)
BROTHER M-1509
CITIZEN (20 and 25)
EPSON (FX, JX and EX SERIES)
OKIDATA (92, 93, 192 and 193)
PANASONIC (1092 and 1093)
STAR (Delta, Radix, SG, SD and SR)
and others

**FRIENDLY AND UNPROTECTED**

Power Print works with any version of Apple II (64K min.). Like all Beagle software since 1980, disk backups can be made without hassle.

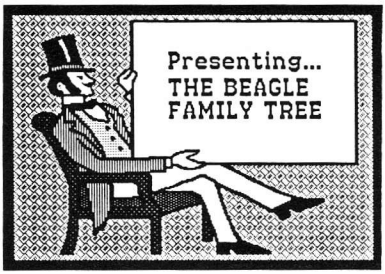


# BEAGLE SCREENS

Full-Screen Captionable Clip Art
by Fred and Sara Crone
(Programming by Matt, Bert and Rob)
Compatible: Apple IIGS, IIc or 128K IIe (ProDOS) **$34.95**

NEW!

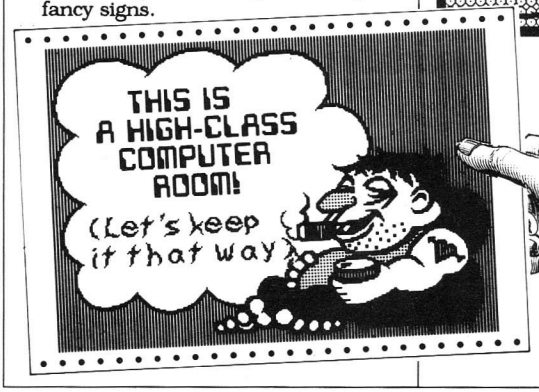
**WHAT'S YOUR MESSAGE?**
Beagle Screens will get *your* message across–anything from "Happy Birthday" to "Hands Off"–in a unique and colorful way.




**40 PICTURES**
**WAITING FOR WORDS**
Beagle Screens gives you forty colorful captionable full-screen pictures on disk. Each picture has a blank area where you can add your own message.

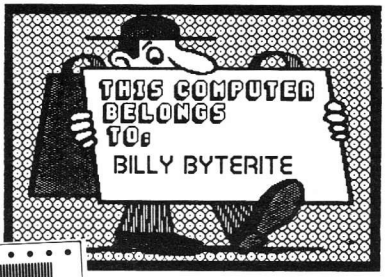
**USE AS TITLE SCREENS, "SLIDE SHOWS" OR SIGNS**

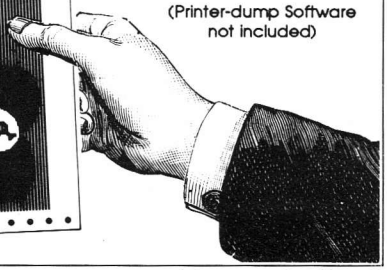
- Beagle Screens' pictures may be used as professional-looking title screens in your Applesoft programs.
- Or you can create personalized on-the-screen Apple "slide shows."
- Or, if you have a dot matrix printer and printer-dump software (like Triple-Dump, page 10), you can print Beagle Screens pictures up as fancy signs.



**ADD YOUR OWN WORDS**
We make it EASY to add your own personalized captions. Just type your message on the screen and save the finished picture on disk.

**AUTO-ANIMATION!**
20 of the pictures are automatically animated as soon as they appear on the screen. Beagle Screens' two-step (back and forth) animation gives your messages extra punch.

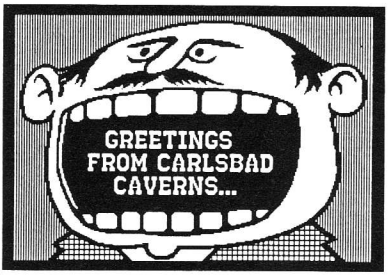


(Printer-dump Software not included)

## Beagle Screens Sample Pictures

All forty pictures fill the entire screen and have a blank area for your personal message. More samples appear in color on the back cover of this catalog.

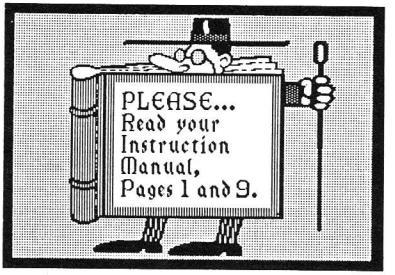



(Picture samples printed with Triple-Dump)

### 12 FONTS TO CHOOSE FROM

Most of the fonts on the Beagle Screens disk appear on our Shape Mechanic disk (page 14). Choose the typestyle that fits your message.

Of course, all of the fonts from Font Mechanic (page 15) are compatible with Beagle Screens too.



# TRIPLE-DUMP

Print-Anything Utility
by Mark Simonsen and Rob Renstrom
Compatible with any Apple II
(ProDOS and DOS 3.3) **$39.95**

**HARD COPY MADE EASY**
Triple-Dump lets you transfer images from your Apple's screen to any dot-matrix (graphics-capable) printer. To do it, simply run the program on the Triple-Dump disk. No programming experience is needed.

OR add Triple-Dump's print routines to any Applesoft program. A simple "Call" will then transfer the image from the screen to the printer.

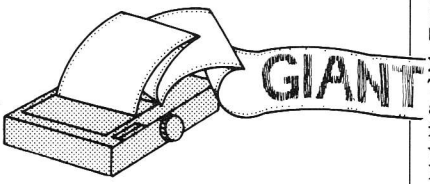
SOPHIE–digitized tv picture

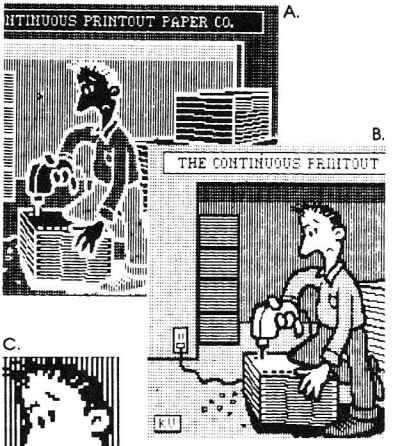
Triple-Dump prints 3 kinds of images:

**1: HI-RES & DOUBLE HI-RES**
Make normal or enhanced printouts of your hi-res pictures with Triple-Dump. Print 560-pixel *double* hi-res pictures too.

**2: LO-RES & DOUBLE LO-RES**
Triple-Dump prints these previously "unprintable" pictures by converting colors into shades of grey.

**3. 40 & 80-COLUMN TEXT**
40- and 80-column Apple text screen dumps are quick and easy with Triple-Dump.



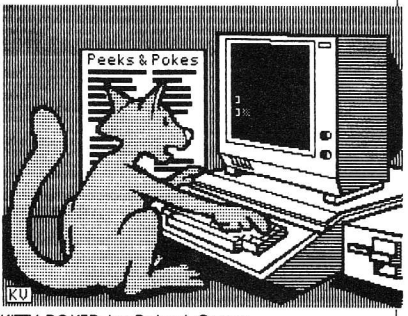




A. NEGATIVE
B. NORMAL
C. CROPPED AND ENLARGED

SOMEONE'S GOT TO DO IT–by Robert Cavey

**SPECIAL EFFECTS**
Images may be cropped, rotated, reversed (negative), magnified and printed in a variety of densities (depends on your printer). Printer options appear in menu format for easy selection and adjustment.

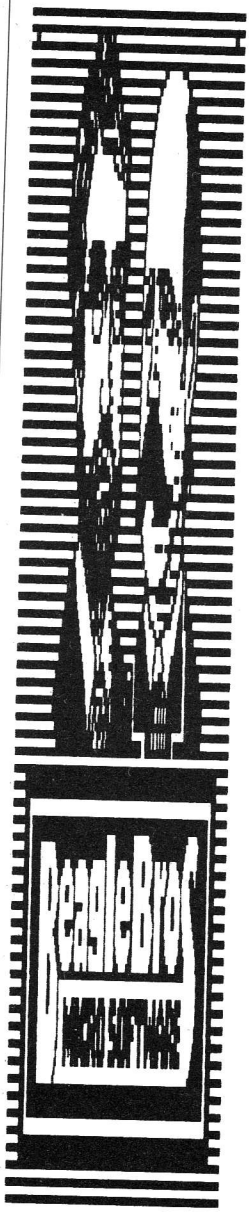
**WHICH PRINTERS?**
If you have a dot matrix graphics-capable printer, Triple-Dump will undoubtedly work with it. If it won't we'll either make it work or refund your money.

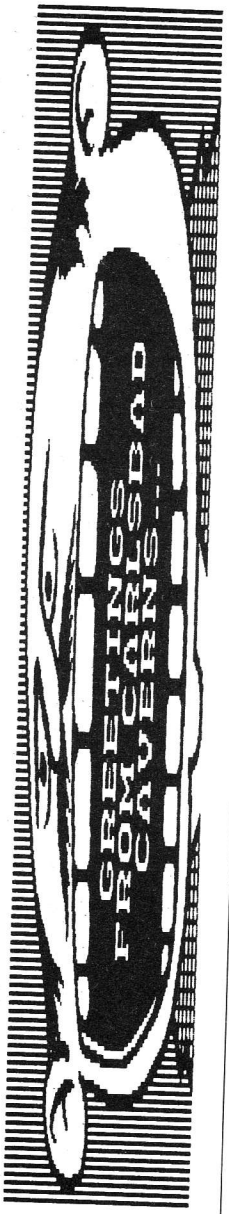



KITTY POKER–by Robert Cavey

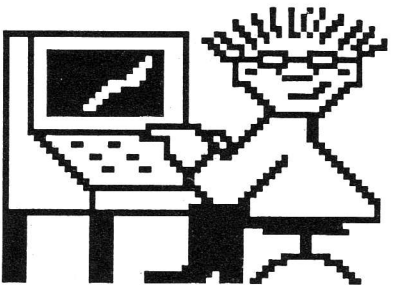
**BONUS BANNER MAKER**
Triple-Dump's Big Banner Printer lets any printer make giant signs with 8-inch high characters. Just type in the words you want (no length limit) and let your printer do all the work!

Triple-Dump lets you do all kind of picture distorting.
Why you'd want to distort pictures *this* much is beyond us, but it's kind of fun.






*To view, close one eye and hold pictures at an 89° angle to your face.*
*(It helps if you have binoculars and really long arms.)*



**THE MINIPIX DISKS–**
**GRAPHICS FOR**
## THE PRINT SHOP™

Our Minipix Disk #1 was such a big hit last year that we've added two more disks! Each one contains 200 original "graphics" that can be used on cards, banners and signs made with The Print Shop™ from Broderbund.

**200 PICTURES**
**PLUS EDITOR**

Each package also contains a special picture editor that lets you make mirror images of Minipix pictures, turn them upside down, distort them, and so on.

You can also convert sections of existing hi-res pictures into Print Shop™ format. And you can convert Minipix pictures (or graphics from Print Shop disks) into hi-res images.

The pictures shown on these pages are only samples. Remember, each Minipix disk contains *two hundred* pictures total.

(The Print Shop is a trade mark of Broderbund Software, Inc.)

**COMING SOON**

**MINIPIX FOR**
## THE NEWSROOM™

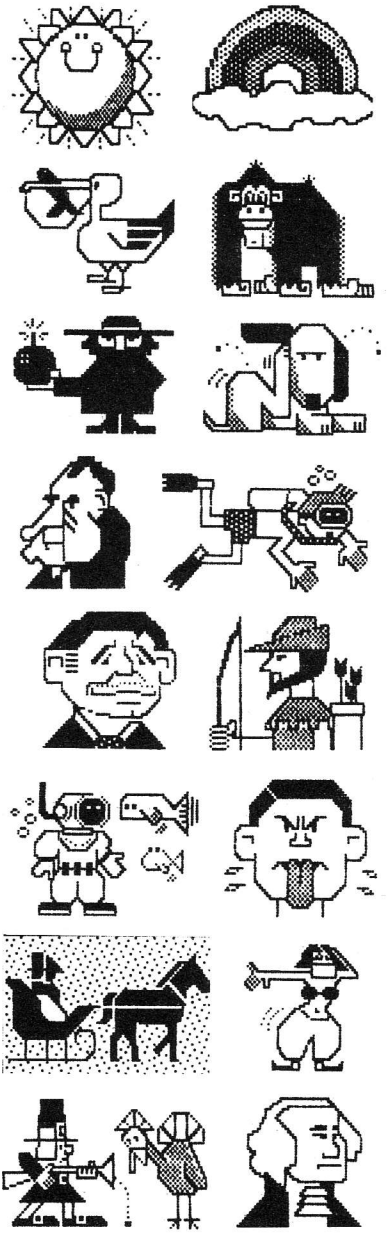
As of February 1987 we will have Newsroom™ "photo" versions of each of our three Minipix disks available for our mail order customers.

To order, send $24.95 per disk, plus $2.50 shipping (per order), to:
Beagle Bros, Dept. NR
3990 Old Town Avenue, Suite 102C
San Diego, California 92110

(The Newsroom is a trade mark of Springboard Software, Inc.)

## MINIPIX DISK #1

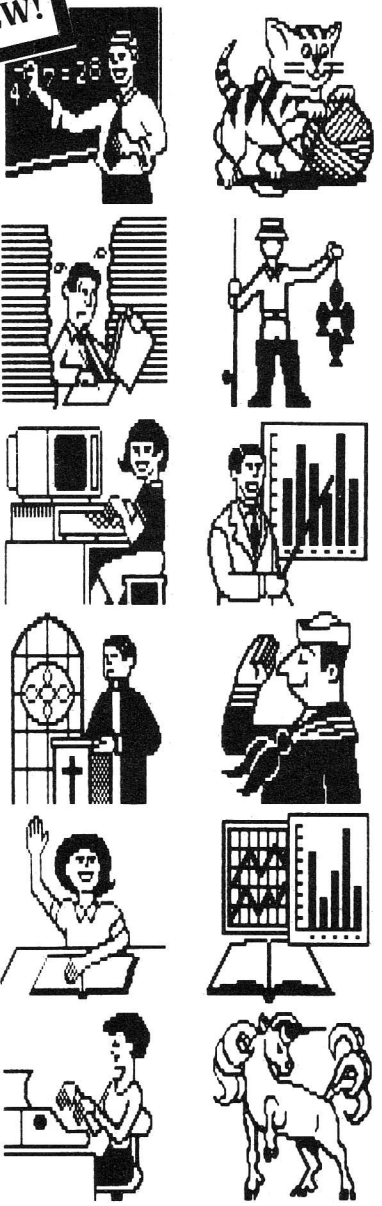
200 Pictures for The Print Shop™
by Fred and Sara Crone **$29.95**



## MINIPIX DISK #2

200 Pictures for The Print Shop™
by Fred and Sara Crone **$29.95**

NEW!



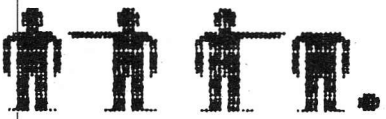
## MINIPIX DISK #3

200 Pictures for The Print Shop™
by Fred & Sara Crone, Kenneth Vig
and other artists **$29.95**

NEW!

# SHAPE MECHANIC

Shape Animation and Screen Fonts
by Bert Kersey and Mark Simonsen
Compatible with any Apple II
(ProDOS and DOS 3.3) **$39.95**

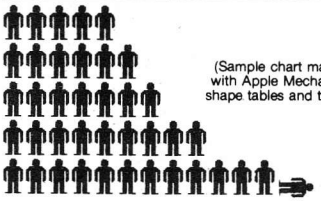


**NEW FEATURES, NEW SPEED!**
Shape Mechanic is a lightning fast remake of our popular *Apple Mechanic* and *Typefaces* disks, combined and rewritten to support Apple's ProDOS™ operating system, as well as DOS 3.3 (both are included on the disk).

New programs and features have been added too. Take a look:

**ANIMATABLE SHAPES IN A FLASH**
Shape Mechanic's hi-res Shape Editor makes shape construction a snap. You plot your drawing from the Apple keyboard as it is displayed on the screen. Your drawing is then automatically converted into data and stored on disk for you.

The hassle is gone and your creativity is released (that's what computers are for, right?).



(Sample chart made with Apple Mechanic shape tables and type)

Projected Population, 1985

Shape Mechanic shapes may be used in a variety of applications–from games and animated title screens to informative charts and graphic presentations.

**"CAPTURE" SHAPES TOO**
Shape Mechanic's "Shape-Capture" feature lets you convert part of any hi-res image into a shape that can be drawn and/or animated. Most smaller captured shapes can be edited with the Shape Editor.

**A HI-RES LEARNING TOOL**
The Shape Mechanic disk features three demo programs that teach a ton about using shapes and hi-res graphics in your programs. Included is a complete rundown of Apple's hi-res and shape table commands.

**HI-RES CHARACTER EDITOR**
Shape Mechanic lets you create and edit hi-res "shape fonts" which may be typed directly on the screen or be accessed from your programs. Thirty fonts are included on the disk (see Font Mechanic for more).

Shape fonts feature proportional spacing, no positioning restrictions, and the ability to "xdraw" words on multicolored backgrounds.

## FONTS FONTS FONTS!

MOST OF SHAPE MECHANIC'S FONTS APPEARED ON OUR OLD DOS 3.3 TYPEFACES DISK. HERE ARE SAMPLES:

**USE OUR FONTS IN YOUR PROGRAMS--FREE!**
If you are writing programs for sale, you may use Shape Mechanic's routines and fonts in your programs without charge. Just give us credit on your title screen and manual:

*"Hi-res fonts Copyright © 1985, Beagle Bros, Inc."*

# FONT MECHANIC

30 Fonts for Shape Mechanic
by Mark and Jon Simonsen
Compatible with any Apple II
(ProDOS and DOS 3.3) **$29.95**

**NEW TYPE, NEW UTILITIES**
Font Mechanic is a companion to our Shape Mechanic and Beagle Screens disks. It gives you 30 new fonts to use in your programs (samples shown below), plus a new set of utilities for manipulating shape fonts as well as fonts from other sources.

**FONT CONVERTER**
Font Mechanic lets you convert non-shape table fonts from disks like Apple's *DOS Tool Kit* ™, *Higher Text*™, *Higher Fonts* ™, the Penguin disks, *Beagle Graphics* ™, and so on.

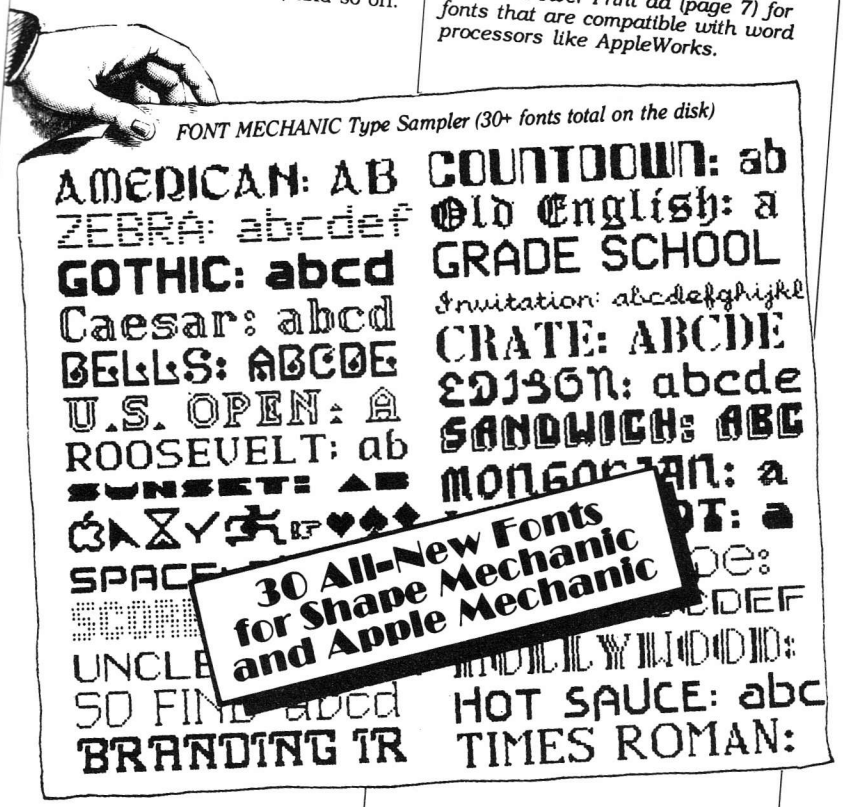
**FONT SCALER**
This program lets you change the horizontal and/or vertical dimensions of a font for special emphasis or special effects.

NORMAL
SKINNY
SHORT

NORMAL
WIDE
TALL

**CAT MENU TOO**
Here is a fast machine language disk menu program that lets you select ProDOS or DOS 3.3. files with one keystroke. Features include fast on-screen file sorting and a handy on-screen Help page, in case you left your instructions at home.

*See our Power Print ad (page 7) for fonts that are compatible with word processors like AppleWorks.*




*FONT MECHANIC fonts are compatible with programs on SHAPE MECHANIC, APPLE MECHANIC and BEAGLE SCREENS.*

# BEAGLE GRAPHICS

16-Color Double Hi-Res Graphics
by Mark Simonsen
Compatible: Apple IIGS, IIc & 128K IIe
(DOS 3.3 and ProDOS) **$59.95**

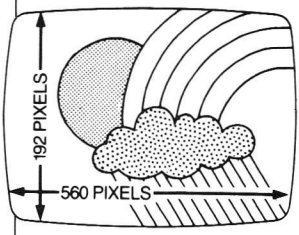
FAMILY COMPUTING
1986 CRITIC'S
CHOICE AWARD

## DOUBLE HI-RES FOR THE ARTIST

Beagle Graphics is a "double-res" drawing package that makes the most of the best features of your Apple IIc, IIe or IIGS. Select from sixteen hi-res colors or a 560x192-pixel screen-that's twice the resolution of standard hi-res graphics.

### MANY WAYS TO DRAW

Beagle Graphics lets you draw or "paint" directly on the double hi-res screen using sixteen different paintbrushes. Hi-res icons (pencil, scissors, etc.) make drawing and editing pictures a snap.




FAST ICON-ASSISTED DRAWING WITH CUT & PASTE FEATURES Move or duplicate any image section.

### CUT AND PASTE

Beagle Graphics' Cut and Paste feature speeds up screen layouts by letting you move or duplicate any section of an image anywhere on any picture. Plus, any portion of a picture may be inverted or flipped in any direction.

### MOUSE CONTROL OR...

Beagle Graphics' *Double Plot* drawing program supports keyboard control or the AppleMouse II™, KoalaPad™, Joystick, or Apple Graphics Tablet.

## DOUBLE HI-RES FOR THE PROGRAMMER

Beagle Graphics lets you enhance your Applesoft programs with new commands that draw fast circles, lines and shapes.

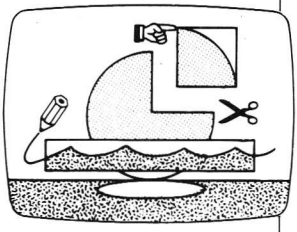
33 new commands are included to give you and your Apple incredible double-resolution graphics power!

### SCRUNCH AND SAVE

Double hi-res picture data may be "compressed" to save disk space. (Most pictures end up occupying less than 50% of their original disk space.)

To save even more space, you may Save and Load any rectangular part of an image.

FAST ICON-ASSISTED DRAWING WITH CUT & PASTE FEATURES Move or duplicate any image section.



### CONVERT PICTURES AND PROGRAMS

Beagle Graphics lets you convert your existing standard hi-res programs (including *Apple Mechanic*) so they work in double hi-res. Convert normal hi-res pictures to double hi-res too (half-or full-screen width).

### CHANGEABLE TYPESTYLES

Add normal or wide type to your double hi-res images in various typestyles, including those from the DOS Toolkit™ disk (included on the Beagle Graphics disk). Redefine any character with Beagle Graphics' character editor, so that any character becomes any symbol you like.

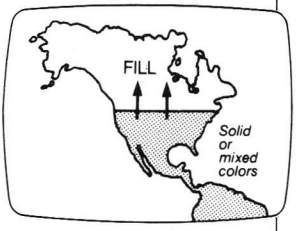
### DOUBLE LO-RES

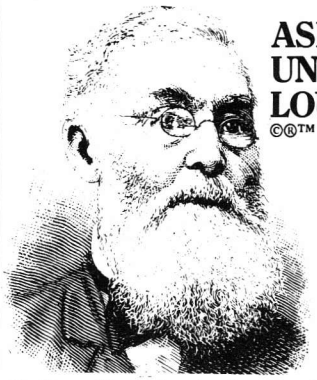
Beagle Graphics supports double lo-res graphics too, with its 16 colors and 80 x 48 pixel screen.

### FILL SHAPES FAST

Beagle Graphics lets you "fill" double hi-res shapes in 16 solid colors. Or choose from over 200 color mixes for a wide range of effects.

DRAW AND FILL SHAPES FAST! All draw and fill routines are usable in your Applesoft programs.





# ASK UNCLE LOUIE ©®™

**Q.** Dear Uncle Louie- I ordered an Apple IIGS two months ago and I still don't have it. My motto is "It's the squeeky wheel that gets the grease", so I'm going to picket the Apple store. Do you support my actions?

**A.** My motto is "It's the quacking duck that gets shot."

**Q.** Dear Uncle Louie- What advantage is there to the IIGS having 4,096 colors?

**A.** Think how heavy a box of 4,096 crayons would be.

**Q.** Dear Uncle Louie- Why can't the IIGS match the resolution of a Mac?

**A.** Hey, nothing's perfect (and so am I).

**Q.** Dear Uncle Louie- I've noticed that computers in magazine ads never have that big tangle of cords coming out of the back. How can I accomplish this?

**A.** First you buy an airbrush.

**Q.** Dear Uncle Louie- I've noticed that a lot of computers say UL APPROVED on them. What does U. L. stand for?

**A.** I thought you'd never ask.

**Q.** Dear Uncle Louie- Every six months my Apple IIe's clock needs to be reset an hour for Daylight Savings. How do I remember which direction to set it?

**A.** Spring back, Fall forward.

**Q.** Dear Uncle Louie- My video projector projects my Apple screen images upside down. What should I do?

**A.** Turn the screen over.

**Q.** Dear Uncle Louie- Why is there no period after the "Bros" in Beagle Bros?

**A.** There isn't room.

## BEYOND WIDGETS

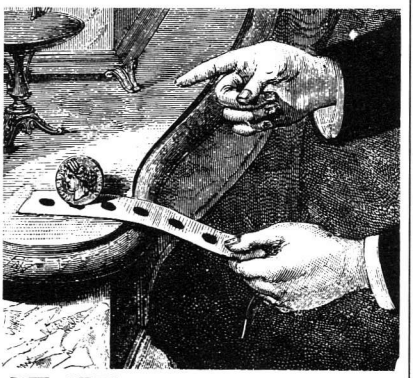
There is an icon-font called "Widgets" on Shape Mechanic (page 14) that provides you with symbols to use in screen layouts. The characters A-Z make up a sort of secret code that's not too hard to crack. "A" stands for apple, B for box, C for check, etc.

Here's the world's shortest every-letter sentence–PACK MY BOX WITH FIVE DOZEN LIQUOR JUGS–in Widgets:

See if you can figure the symbolism in Mark Simonsen's "Doodad" font from Font Mechanic (page 15). Mark says to give you a hint–P is piano keys.

Same sentence, new font:

(Hi-res images printed with Triple-Dump)



## RIP-OFFS

You know those strips of holes that you tear off of fanfold printer paper all the time? Well, our Intensive Research Department wants to know:

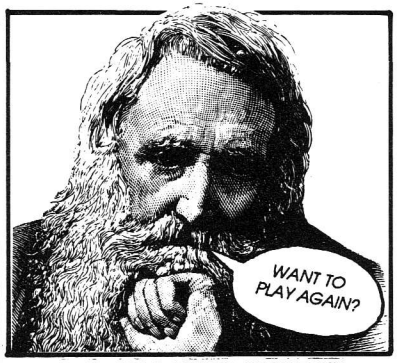
1. What are they called?
2. What can you do with them besides throw them away? (There's a fortune to be made here somehow.)

## BEAGLE BAG

12 Applesoft Games on One Disk
by Bert Kersey
Compatible with any Apple II
(DOS 3.3) **$29.50**

12 GREAT APPLESOFT GAMES

**COMPARE BEAGLE BAG**
Compare Beagle Bag with any single-game locked-up disk on the market today. The games are a blast, the price is right and the disk is copyable!




BEAGLE BAG AUTHOR, BERT KERSEY, AT AGE 22

**MORE GAMES PER BUCK**
Beagle Bag's got 12 great games–TextTrain, Buzzword, Slippery Digits, Magic Pack... All are listable so you can see what makes them work. Many customers report learning how to program from our games. Unlocked software is the only way to fly!

*Softalk* says: *"Beagle has turned out an innovative package–At any price, the manual is worth a few bucks by itself. It's funnier than Mad Magazine and shorter than National Lampoon..."*

## I. O. SILVER

Hi-Res Strategy/Arcade Game
by Brad Wilhelmsen
Compatible with any Apple II
(DOS 3.3) **$29.95**

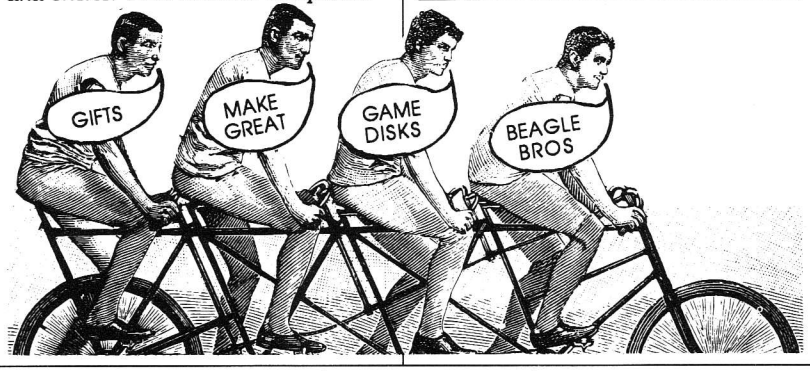
ACTION AND STRATEGY

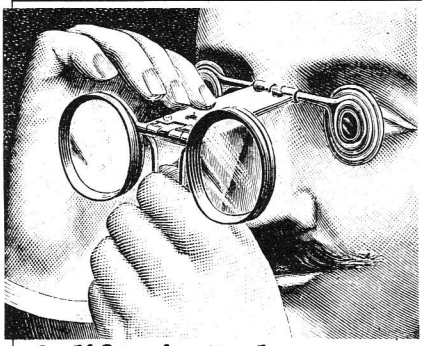
**TWO GAMES IN ONE**
I. O. Silver was written in Japan by programming wizard and chess hotshot Brad Wilhelmsen. It is both a thinking-person's Strategy game and a fast-action Arcade game. In fact, it can be played either way–or both ways.

### "RUTHLESSLY ADDICTING..."

Check the I. O. Silver game reviews. InCider Magazine says:

*" I. O. SILVER causes acute arcade addiction–the strongest recommendation for any game. "This is one of the most ruthlessly addicting games in years!"*





## *California Jack and his Electric Clone*

*The rumors are true-Beagle Bros has two new new disks for the IBM PC.*

### *FILEMOVER* ($59.95)

*by CALIFORNIA JACK CASSIDY*
*Compatible: IBM PC, XT, AT or clone*

*Jack's IBM FileMover has most of the features of Big U's FileMover (page 23), plus the ability to quickly back up entire subdirectories and alphabetize and rearrange file names in any order.*

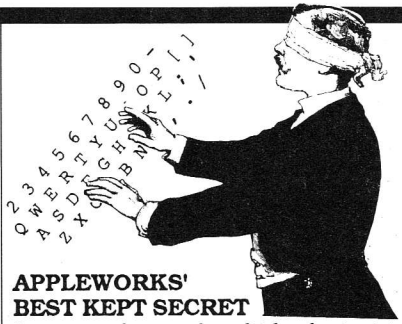
*You can also super-delete (zero out) files so they don't exist any more.*

### *MINIPIX* DISK #2 ($34.95)

*200 graphics for the IBM version of The Print Shop.™ Same pictures as our Apple Minipix Disk #2 (page 13).*

### A BARGAIN AT 1/2 THE PRICE

Want to impress your friends? Why not buy yourself a shiny 10-year old *Apple I* computer, in working condition, complete with cassette interface and original manuals. If you're seriously interested, contact Liz at Beagle Bros and she'll put you in touch with the owner. The price? A mere $18,000.



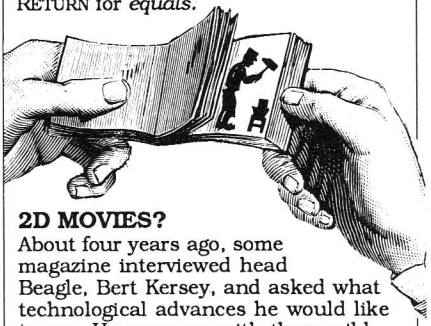
### APPLEWORKS' BEST KEPT SECRET

Some people spend multi-bucks just to add a calculator to AppleWorks, when it's already got one!

Suppose you're using the Word Processor and you want to divide 1234 by 567. Here's what you do:

1. Press ESC RETURN 5 RETURN RETURN X RETURN. This gets you into AppleWorks' Spreadsheet.
2. Type 1234/567 and press RETURN. There's your answer on the screen! To get back to your Word Processor file, use OPEN-APPLE-Q.
3. OPEN-APPLE-Q also gets you back to your "calculator" (file X) again.

The Spreadsheet uses slash (/) for *divided by*, asterisk (*) for *times* and RETURN for *equals*.



### 2D MOVIES?

About four years ago, some magazine interviewed head Beagle, Bert Kersey, and asked what technological advances he would like to see. He came up with three wild ideas. At least they seemed pretty wild at the time:

**1.** Data disks that you don't have to worry about getting your fingers on.

**2.** Inexpensive typesetting that can be done at your desk on an Apple.

**3.** Moving pictures that appear on the printed page.

Well, UniDisks solve #1, and they hold six times the data of a floppy, to boot. The *LaserWriter* makes #2 a reality (this catalog was typeset on one). Nobody here has yet laid eyes on #3, but Woz is probably working on it.

# BEAGLE COMPILER

Applesoft Speed-Up Utility
by Alan Bird
Compatible: any Apple II-64K min.
(ProDOS) **$74.95**

NEW!

## MACHINE LANGUAGE SPEED FOR APPLESOFT PROGRAMS

Boot The Beagle Compiler, and then run almost any Applesoft program from disk. The program will be converted on the spot and run at machine language speed. *Fast!*

**HOW FAST IS IT?**
It depends on your original program. Ten-times speed-and up-is not uncommon.

**HOW EASY IS IT?**
Say you've got a normal Applesoft program on disk named "ABC". Simply type RUN ABC and, within seconds, ABC is running at machine language speed!

**WHAT ABOUT CHANGES?**
No problem. Load your program, make your changes in Applesoft, save them on disk and then RUN ABC again, at machine language speed.

**THE #1 COMPILER FOR THE APPLE II**
Even beginners will be successfully compiling programs minutes after opening the Beagle Compiler box.

The Beagle Compiler knocks the socks off of any other compiler.

**ProDOS BASED**
Programs can be compiled from any standard ProDOS disk, including floppies, hard disks and UniDisk 3.5's.

**EFFECTIVE**
Most Applesoft programs will compile in seconds without alteration.

Syntax errors, illegal GOTO's and the like are automatically caught during compiling, so you waste no time.

**COMPACT**
A compiled program actually occupies far LESS MEMORY than its Applesoft original. You save valuable memory while you're saving time.

What's the catch? There is no catch.

**THE PERFECT PROGRAM PROTECTOR**
The Beagle Compiler lets you quickly save your Applesoft programs in compiled format so other people can't read or change your original Applesoft source code.

**NO COPY PROTECTION**
Backups of The Beagle Compiler disk and your compiled programs can be made using normal copying procedures.

## Sn@ils in Space!

Here's a fancy new arcade game by Beagle customer, Tim Boehme. Press the left and right arrow keys to play. *Sn@ils in Space!* gets 1986's coveted "Cleverest Use of the Text Screen" Award. (Tim wins a box of Beagle Bros magnetic write protect tabs.)

```
10   REM **********************
20   REM * SN@ILS IN SPACE! *
25   REM * BY TIM BOEHME    *
30   REM **********************
40   TEXT: HOME: H=20: PRINT
     CHR$(21): POKE 35,22
50   K=PEEK(49152): ON K<128 GOTO
     80: H=H+(K=149)-(K=136)
80   POKE 49168,0: IF RND(1)*10<1
     THEN VTAB 20: HTAB RND(1)*20
     +10: PRINT "@": GOTO 120
100  VTAB 22: HTAB RND(1)*39+1:
     PRINT CHR$(46)
110  IF PEEK(1535+H)=192 THEN
     S=S+1: VTAB 5: HTAB H: PRINT
     "#";CHR$(7): VTAB 23: PRINT
     "MUNCHED:";S: GOTO 140
120  VTAB 5: HTAB H: PRINT "V"
140  T=T+1: IF S<10 THEN 50
150  TEXT: VTAB 23: PRINT S;
     " SN@ILS MUNCHED IN ";T;
     " TITAN SEC.": END
```

# G. P. L. E.

Global Program Line Editor
by Neil Konzen
Compatible with any Apple II
(ProDOS and DOS 3.3) **$49.95**

**THE APPLESOFT PROGRAM EDITOR**
G.P.L.E. is THE classic Applesoft line editor for the Apple. It lets you edit your program lines fast without awkward cursor-tracing or clunky "escape editing" methods.

G.P.L.E. is installed in memory when you boot, remaining "invisible" to your programs and unaffected by even the most "destructive" commands, such at FP and NEW. You may install DOS 3.3 G.P.L.E. in normal 48K memory or in the Language Card (built-in on all IIe's, IIc's and IIGS's).

**INSERT AND DELETE**
Now you can make almost instant changes to any Applesoft program line. G.P.L.E. lets you jump the cursor to the change point in the line and insert or delete text there. Other code in the line moves aside to make room (what you see is what you get). If you make a mistake, you may restore a line to its previous condition with one keystoke.

Control-characters are easy to insert and delete, appearing in inverse during editing.

And, it is no longer necessary to trace the cursor to the end of the line being edited. No matter where the cursor is, press RETURN, and that line is entered into memory.

**UPDATES: If you have an old G.P.L.E. that's not ProDOS or Double-Take compatible, mail us your original disk plus $10 for an update.**

**GLOBAL SEARCH & REPLACE**
G.P.L.E. finds any word or variable in a program, letting you change that line, delete it, or just look at at. Here are some examples of G.P.L.E.'s Global capabilities:

- Look at all lines containing a GOSUB.
- Edit or delete all lines with a REM.
- Locate all occurrences of variable XX.
- Replace all X variables with ABC's.
- Change all "PIG" strings to "DOG".

**ESCAPE MACROS**
G.P.L.E. lets you define an ESC-keypress followed by another key to perform any keyboard task. For example, **ESC 1** can catalog drive 1, **ESC L** can do a "HOME:LIST", **ESC N** could type an entire subroutine... Anything you want, whenever you want it.

A complete set of Escape functions is included with G.P.L.E., ready to use. Each function may be used as is, or deleted or changed whenever you like. After you create your own "Escape Table", you can save it on disk so it will be in memory the next time you load G.P.L.E.

**SUPER-COMPATIBLE**
G.P.L.E. works under ProDOS as well as DOS 3.3. Double-Take, ProntoDOS, DOS Boss, Flex Type, etc.-and, of course, all of your Applesoft and Integer Basic programs-get along quite well with G.P.L.E.

**G.P.L.E. DOS MOVER**
G.P.L.E. comes with its own "DOS Mover" program that lets you move DOS 3.3 to the Language Card for an extra 10,000 Bytes (10K) of programmable memory.

**APPLE TIP BOOK #7**
Learn more about your Apple-G.P.L.E. comes equipped with hours of good reading and Apple experiments.

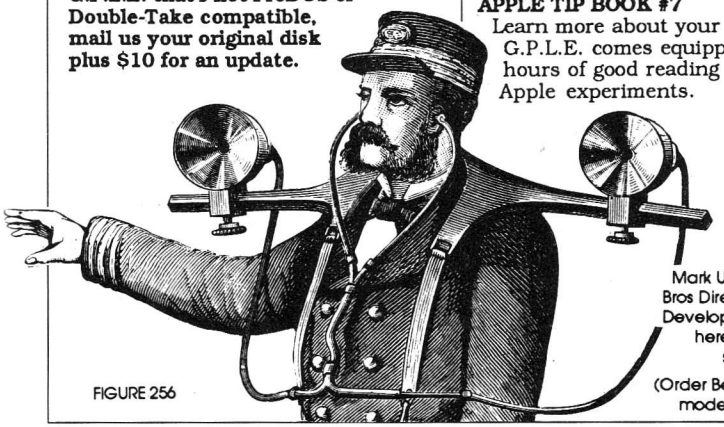


FIGURE 256

Mark U. de Jong, Beagle Bros Director of Hardware Development, is pictured here with his 1.6-baud strap-on modem.

(Order Beagle software by modem-see page 30.)

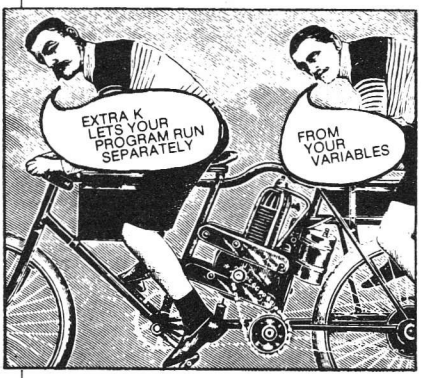
# EXTRA K

Extended Memory Utility
by Mark Simonsen and Alan Bird
Compatible: Apple IIc, IIGS & 128K IIe
((ProDOS and DOS 3.3) **$39.95**

INCIDER EDITOR'S CHOICE OCTOBER 1985

**PUT ALL OF THAT 128K TO WORK!**
Even with 128K or more of memory, your Applesoft programs, pictures and variables can only occupy and access 48K of memory-and much of that is used by DOS 3.3 or ProDOS. That extra memory you paid for is going to waste.

The Extra K disk contains several programs that let you utilize all of your Apple's speed, capacity and muscle.




**EXTRA VARIABLES**
Your Applesoft programs can now function undisturbed in main memory while all variables, strings, arrays and data reside in your Apple's massive extra 64K of memory. Everything functions normally-no special commands or procedures required.

A side benefit of this feature is that your variables will remain undisturbed when you make changes to the program in memory. You can also make one program "chain" to another program (in DOS 3.3 or ProDOS) without losing valuable data.

**EXTRA APPLE**
Extra K lets you have two 64K Apples and sets of programs in memory at once and switch between them at will. You can even have a ProDOS Apple and a DOS 3.3 Apple in memory simultaneously. You can swap files and programs back and forth between Apples (and from DOS to DOS) without subjecting yourself to Apple's infamous *Convert* program.

**EXTRA-FAST COPIES**
Make disk copies fast and "on-the-spot" without rebooting some special disk. Extra K's "nibble copier" duplicates *and verifies* unprotected floppy disks in 35 seconds instead of the usual 90. Only 3-4 passes per floppy disk are necessary.

**EXTRA FEATURES**
Compare any two DOS 3.3 or ProDOS disks, byte-for-byte. Create "dual personality" disks that will boot-up in either ProDOS or DOS 3.3. Peek and poke auxiliary memory. Format ProDOS disks without using Apple's programs. Use your IIc while your printer is printing...

**EXTRA SCREENS**
Now you can create impressive high-speed animation and window effects-all from Applesoft! Extra K lets you load graphics and text to the screen at the rate of several images per second. Hi-res images, cropped or uncropped, load to the screen so fast that you'll need to install a for/next loop to slow things down!

Any image (40 and 80-column text, Lo- and Hi-res graphics, Double Lo- and Double Hi-res graphics) may be cropped and stored in your Apple's high-capacity auxiliary memory, under program control or direct commands.

LOAD SEVERAL HI-RES SCREENS PER SECOND!

**APPLE LOGBOOK**
Use your Apple as an electronic notepad. Enter notes in Extra K's auxiliary memory logbook whenever you want. When you are finished, go back to whatever you were doing in main memory.

Everything that appears on your text screen (Applesoft listings, text files, keyboard commands, machine code, etc.) can simultaneously be stored in auxiliary memory so that, any time you choose, you can search through this "diary" to see what's been going on. A fast-find features lets you search for any word or phrase.

# BIG U

ProDOS™ Utility Disk
by Randy Brandt
Compatible: any Apple II, 64K min.
(ProDOS) **$34.95**

*Compatibility Note: The programs in this column require 128K minimum and/or 80-column hardware:*

## NEW ProDOS UTILITIES

**FILEMOVER** *(80-columns reqd.)* (not II+ compatible) Copy or Move all kinds of ProDOS files from disk-to-disk or directory-to-directory. FileMover replaces Apple's giant *Filer* and *System Utilities* programs for file handling. FileMover is fast, friendly, G.P.L.E.-compatible (no need to reboot) and half the size of *Filer.*

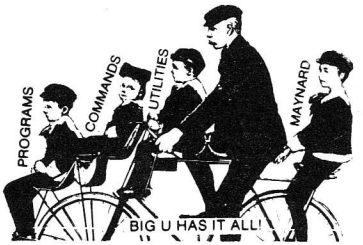
With 128K, File Mover will format the RAM disk† and transfer files to or from disks. Or disconnect the RAM disk to free auxiliary memory.

Format floppy disks and Unidisk 3.5's too.

**CRT WRITER** *(80-columns reqd.)* (not II+ compatible) Use CRT Writer to create fancy 80-column title screens for your programs. Or write and print short notes without booting up your word processor. Includes advanced features like block-move and instant "undo" (repairs mistakes). Save screens on disk for later use.

**KEY-CAT 80** *(80-columns reqd.)* Control-Reset to instantly see a disk's filenames. One keystroke then Runs any program (no file names to type).

**RAM-LOAD** *(80-columns reqd.)* Automatically transfer files to and from the RAM disk.† Loads fast-10 blocks/second! Make a custom disk with your most-often used programs, and load them all into memory.



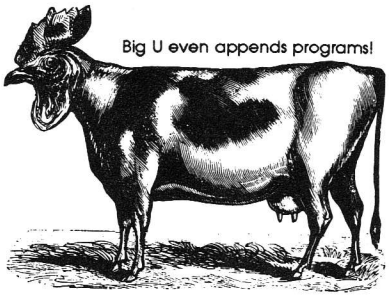

† With 128K, you can use the RAM disk like a ProDOS version of our DOS 3.3 *DiskQuik* disk

**Compatibility Note: The features in this column require 64K minimum and will work on any Apple II:*

## NEW ProDOS COMMANDS

Big U lets you add 18 commands to your repertoire. Here are just a few:

**COPY:** One keyboard command copies all types of ProDOS files from disk-to-disk or directory-to-directory.
**XLIST:** List Applesoft programs at machine-language speed in improved format (each statement on a new line). Same format as on Utility City and Double-Take (see page 25), but XLIST becomes an in-memory alternative to the LIST command.
**ANYCAT:** Catalog both 3.3 and ProDOS disks with the same command.
**MON & NOMON:** Monitor ProDOS file handling so you know what's happening (works like 3.3's MON).
**SHOW:** One-command both loads and shows you any picture on a disk.
**SEE:** List Applesoft disk programs without disturbing the program in memory. SEE text files too.




## BIG U BONUSES

**ERROR EDITOR-PRO:** Change ProDOS's error messages to anything-change "Path Not Found", etc.
**INPUT-PRO:** Smart Input accepts commas/colons and rejects control-characters. Esc aborts input. Delete-key works like backspace. Lets you predetermine max. string length.
**REM ZAPPER:** Lets you work two versions of the same program-with and without Rem's. Switch instantly.
**CUSTOM-CAT:** Print multi-column catalogs on the screen or printer.
**DATE-CAT:** Makes the current date appear at the top of your catalogs.
**U-CITY CONVERSIONS:** ProDOS versions of many Utility City programs (Bigliner, Append, etc.). See page 27.

# D CODE

Program Compactor & De-bugger
by Alan Bird
Compatible with any Apple II
(ProDOS and DOS 3.3) **$39.95**

**FAST APPLESOFT PROGRAM COMPACTOR**
D Code squeezes every wasted and unused byte out of your Applesoft programs, to save valuable memory space and increase program speed and efficiency.

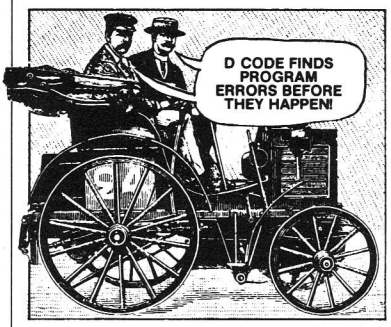
**COMBINE PROGRAM LINES:**
D Code will reduce an Applesoft program to the smallest number of program lines possible. (Each pair of lines combined saves four bytes.) D Code operates automatically-all Goto's Gosub's and If-Then's are taken into account. The total bytes saved is reported on the screen.

**SHORTEN VARIABLE NAMES:**
D Code lets you shorten your variable names to one or two characters. (A character saved is a byte earned.)

**REMOVE REMARKS:**
REM statements are big memory eaters. D Code will remove them for you to save lots of memory space. You can save your remarked version as a separate file for reference.

**UNUSED-LINE FINDER**
If your program contains a line or statement that can't possibly be executed, D Code will find it and let you delete it to save wasted space. Check some of your (or our) programs; you may be surprised!

**D CODE PROGRAM COMPARER**
Quickly compare any two files and find out if they are the same.




**PROGRAM PROOFREADER**
Word Processors have their spelling checkers, why shouldn't Applesoft? D Code will uncover program errors before they happen.

**WHILE-YOU-TYPE SYNTAX CHECKER**
If you commit a typo or enter an undefined statement number while typing a program line, the error is reported on the spot so you can make repairs-*before* running your program. You can still enter anything, legal or not. If it's not proper Applesoft, D Code simply reminds you.

**PROGRAM SCANNER**
D Code lets you quickly scan a program for correct syntax and other potential errors that might cause a crash.

**NEW PROGRAM TRACERS**
D Code features a TRACE command that works the way it should! Run your program the way you always do. When it bombs (or when you stop it), ask to see the most recent program line numbers and statements (1 to 10,000 of them) that have been executed. Great for finding out what makes programs tick (or *crash!* ).

**WINDOW TRACING TOO**
D Code also features a "live" trace feature that neatly prints program statements and variables & string values in a window at the bottom of the screen . No more screen layouts messed up by line numbers all over the place. And you can watch variable values change as a program executes!

**BREAK POINT CONTROL**
D Code lets you set up de-bugging "break points" before you Run a program, so a program stops only if a certain condition is true, or if a certain statement is executed a specified number of times.

**LIGHTNING-FAST FIND**
D Code will let you find occurences of any variable or string in your programs-so fast you won't believe it!

# DOUBLE-TAKE

Two-Way Scroll/Multiple Utility
by Mark Simonsen
Compatible with any Apple II
(ProDOS and DOS 3.3) **$34.95**

**TWO-WAY SCROLLING**
**IT'S ABOUT TIME!**
Now you can list your programs and change the scroll direction with the arrow keys. Your Apple's monitor becomes a "Search Window" that's moved up *and* down through a listing.

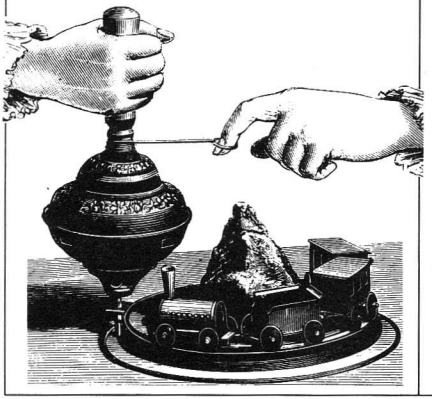
**2-WAY CATALOGS TOO**
Long Catalogs feature 2-Way Scroll too, speeding up file location and access. Two keystrokes will catalog the disk (no need to type "Catalog").

2-WAY VIDEO SCROLLING

```
5     TEXT          ← (Notice how each
    : HOME          ← statement appears
    : COL = 10      ← on a new line.)
40    A$ = A$ + X$
    : IF LEN (A$) < COL THEN 20
900   FOR LTR = COL TO 1
    : X$ = MID$ (A$,LTR,1)
    : IF X$ < > CHR$ (32) THEN 1
1000  HTAB 1 + LTR - 1
```

**IMPROVED LIST-FORMAT**
With Double-Take in memory, each Applesoft program statement is listed on a new line* for easy tracing of program flow and *fast* debugging. Commands are properly spaced (one space between words, not two) and much easier to read and follow.

*Optional. Similar to Utility City's XLISTER (page 27), BUT operates in both directions at Machine-Language speed. For-Next Loops & If-Then's aren't called out, as in XLISTER.



**BONUS UTILITIES**
You will benefit from Double-Take's many features every time you turn on your Apple. All features are fully compatible with your Applesoft and machine-language programs, including G.P.L.E. and ProntoDOS.

**CROSS REFERENCE**
Double-Take lets you print an alphabetical display of all the variables and strings in an Applesoft program. You also get the program line on which each variable and string occurs:

```
A$: 100 200 250 300 1001
X:  10 20 3000 3010 3020
Y:  50 3000 4000 5200 5601
```

**VARIABLE DISPLAY**
After a program is Run, you can tell Double-Take to display all variables and strings, in the order executed, with each one's current value:

```
A$ = "NOW IS THE TIME"
X  = 255
Y  = 3.14159
```

**BETTER APPEND & RENUMBER**
Double-Take's Append routine lets you merge a group of program lines anywhere into another program (not just at the end).

Double-Take's Applesoft Renumber program is better than any that we've seen or used.

**AUTO-LINE NUMBERING**
Pressing the space bar automatically types in your next Applesoft line number, in any increment you choose.

**OF COURSE THERE'S MORE!**
Double-Take's handy one-key commands give you:
- Instant Program Stats (start-of-program, Himem, etc.).
- The ability to omit or replace the cursor with any character.
- "Screen switches" to view different pages and modes.
- Control-characters that show up as inverse.

**UPDATES: If you have an old Double-Take that's not G.P.L.E., 80-column or ProDOS compatible, mail Beagle Bros your original disk and $10.00, and we'll send you an update.**

# PRO-BYTER

Disk Inspector/ProDOS™ Utility
by Bert Kersey and Jack Cassidy
Compatible: any Apple II, 64K min.
(ProDOS) **$34.95**
(Bytezap Pro reads both 3.3 and ProDOS disks.)

**ALL-NEW -BYTEZAP PRO**
Pro-Byter's *Bytezap Pro* program lets you inspect and change ProDOS and DOS 3.3 disks at the byte level. Make improvements and disk or program repairs that are impossible under normal-DOS control. This is an all-new program with instantaneous block-to-block (or sector-to-sector) viewing and big new features.

**SEARCH A FILE OR AN ENTIRE DISK**
Bytezap Pro lets you find any word or phrase on a floppy or UniDisk 3.5. Or search a specific ProDOS or 3.3 file. When you find what you want, you can change it on the spot.

Even if you don't know beans about machine language, you can change other programmers' text screen messages. Easy instructions and examples are included.

Repair "zapped" disk bytes too, that might be causing disk malfunction.

Instant disk maps show which sectors or blocks are occupied. Specific files can be mapped too, in DOS 3.3 or ProDOS.

**CUSTOMIZE DISKS**
Easy instructions show how to make changes to disks, other programmers' programs, and DOS itself–a changed byte here and there can produce amazing results.

This is a useful, FUN PROGRAM. Buy it; you'll be glad you did!

**MACHINE LANGUAGE EDITOR**
Pro-Byter features an easy-to- use memory inspector that lets you not only view and change your Apple's memory, but *insert and delete* bytes as well!

If you type in machine language programs from Apple magazines, you'll *love* being able to make corrections to all those typos you're always making.

This powerful editor lets you snoop around in Auxiliary memory as well as Main memory. The Pro-Byter manual shows you where to locate some very interesting stuff.

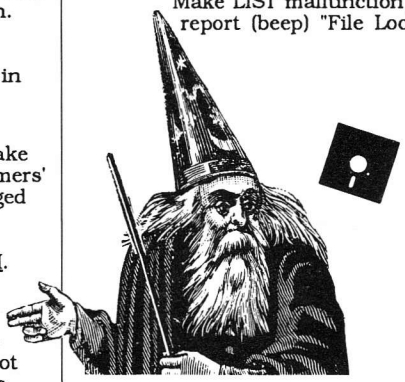
**NEW ProDOS UTILITIES**

**MACHINE LANGUAGE SORTER**
One CALL in an Applesoft program will alphabetize a list of words or numbers–*super-fast!* Sorts normal string arrays: A$(1), A$(2), A$(3), etc.

**APPLESOFT CONVERTER**
Convert your Applesoft program lines into machine code that can be Called by any Applesoft program. Useful subroutines can be Bloaded from disk and Called instead of typed in.

**TEXT TYPER**
Read and print ProDOS text files (or almost any kind of file) on your screen or printer. Now you can look at most word processor files (Appleworks files, for example) without having to boot another disk.

**AND MORE**
The Pro-Byter disk and manual are *full* of useful goodies: Put time and date of save in your disk catalogs, without a clock; Print alphabetized lists of your ProDOS catalogs (including hidden subdirectories); Make any Applesoft command work like any other (for example, redefine GOSUB so it clears the text screen); Make LIST malfunction and report (beep) "File Locked".



**PLUS ALL-NEW APPLE TIPS**
From the authors of DOS BOSS (Bert Kersey and California Jack Cassidy)--Pro-Byter comes fully-equipped with Apple Tip Book #8. You'll get page-after-page of juicy tips, experiments and inside info about your Apple. Learn secrets about Apple's new operating system and disk structure; Break Apple's secret code for storing messages; Find more free space for your machine language programs...

## UTILITY CITY

21 DOS 3.3 Utilities
by Bert Kersey
Compatible with any Apple II
(DOS 3.3) **$29.50**

A+ MAGAZINE READER'S CHOICE 1985 PRODUCT OF THE YEAR

Utility City is 21 useful and entertaining DOS 3.3 utilities on one big disk. Each program may be inspected so you can see what makes it tick. Make changes too.

**XLISTER:** Each statement appears on a new line. Makes Applesoft listings easier to read, follow and de-bug.
(Sample listing under Double-Take, page 25.)

**FILENAME ZAP:** Create trick file names to protect private files or dress up your DOS 3.3 catalogs.

**SCREENWRITER:** Compose 40-column text screen layouts for title screens, etc. Store finished screens on disk.
(no relation to Sierra's word processor)

**MULTI-CAT:** Print long disk catalogs in multiple columns. Sector numbers and file types may be omitted.

**SORTFILE:** Sort, store and update simple one-field lists on disk. Easy to customize to fit your application.

**CONNECT:** Append programs together or attach subroutines without retyping.

**KEY-CAT:** Select and run programs from catalog with one keystroke. No need to type file names.

## FATCAT

Disk Library Program
by Alan Bird
Compatible with any Apple II
(DOS 3.3) **$34.95**
(Reads both DOS 3.3 and ProDOS disks)

**ORGANIZE YOUR DISK LIBRARY**
Fatcat will read all of your DOS 3.3 and ProDOS file names into one or more "Master Catalog" files for sorting, searching and printing.

A Fatcat Master Catalog may be updated at any time by simply reading in new or altered disks.

**FIND FILES FAST**
For example, print out all of your file names containing the letters "APPLE". Or list all of your Text, Applesoft or Binary file names.

Search by description or disk title too. For example, print an alphabetized list of all your "Game" disks or all of your "Financial" files. You assign the category to each file name.

**ALPHABETIZE FILE NAMES:**
Fatcat's Sortcat program lets you sort DOS 3.3 and ProDOS catalogs, and move file names to any position. We use Sortcat practically every day!

**FILE COMPARER:** Compare any two Applesoft files. Non-matching lines are called out on the screen.

**DISK VOLUME NUMBERER:** Change the Disk Volume number that appears at the top of your DOS 3.3 catalogs.

## PRONTO DOS

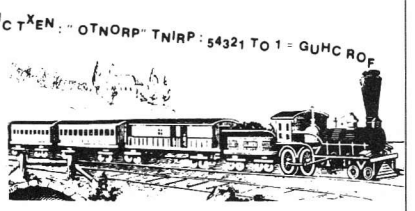
High-Speed DOS 3.3 Utility
by Tom Weishaar
Compatible with any Apple II
(DOS 3.3) **$29.50**

ProntoDOS *triples the speed* of DOS 3.3. Here are some sample timings:

| | *Normal* | *Pronto* |
|---|---|---|
| Bload hi-res picture | 10 sec. | 3 sec. |
| Bsave hi-res picture | 12 sec. | 6 sec. |
| Load 60 sector file | 16 sec. | 4 sec. |
| Save 60 sector file | 24 sec. | 9 sec. |

(Text Files: no change)

New high-speed disks are created with the standard INIT command. OR your existing disks may be updated-all data remains intact.




**PRONTO DOS-MOVER:** Move DOS to the Language Card to free a whopping 10K (10,000 bytes) of usable memory.

**TYPE COMMAND:** ProntoDOS offers a handy TYPE command that prints the contents of sequential text files.

**MORE DATA PER DISK:** ProntoDOS gives you 15 extra sectors of disk storage. That's *almost one full track* of space that normally goes to waste.

## BEAGLE BASIC

Applesoft Enhancement Utility
by Mark Simonsen
Compatible: any Apple II (64K min.)
(DOS 3.3) **$34.95**
(Includes Apple Tip Book #6)

Beagle Basic puts Applesoft into RAM (changeable memory) where you can customize and enhance it.

**RE-WORD BASIC!**
Beagle Basic lets you rename Applesoft commands and Error Messages. For protection, encryption, or even foreign language translation...

```
10 POUR X=10 A 20
20 ESCRIVEZ X; "BONJOUR"
30 ENSUITE: FIN
```

(See DOS Boss for making DOS changes.)

**NEW AND IMPROVED FEATURES**
Beagle Basic adds new commands to Applesoft, like ELSE, TONE, PAGE and HSCRN. It also lets you Goto and Gosub a variable, so you can write friendlier commands like GOSUB COUNTER and GOTO MUSIC.

No memory is lost because these new commands and features replace only obsolete cassette commands.

## DOS BOSS

DOS 3.3 Enhancer
by Bert Kersey and Jack Cassidy
Compatible with any Apple II
(DOS 3.3) **$24.00**
(Includes Apple Tip Book #2)

**RENAME DOS COMMANDS**
For example, change "Catalog" to "Menu" to save keystrokes. Or change "Save" to "Keep" to protect programs. Only you will know *your* commands.

Creative error messages too: DOS's "Syntax Error" can be renamed "Cannot Compute" or "Try Again!"; or just about anything you want.

**SAVE-PROTECT PROGRAMS**
Make unauthorized attempts to save your programs halt and produce a (beep) *Not Copyable* message.

**CUSTOMIZED CATALOGS**
Replace the Disk Volume heading with your own disk title or name. Include or omit the volume number.

**PLUS APPLE TIP BOOK #2:** Valuable tips on using both sides of disks, maintaining drives, sorting words, poking around DOS, storing disks...

## ALPHA PLOT

Standard Hi-Res Drawing Program
by Bert Kersey and Jack Cassidy
Compatible with any Apple II
(DOS 3.3) **$39.50**
(Includes Apple Tip Book #4)

**TYPE A PICTURE**
Alpha Plot lets you draw and label an endless variety of hi-res pictures, charts and graphic displays..

You can type directly on the hi-res screen in four sizes, from normal to giant–even type sideways on graphs!

**TWO PAGES, TWO DRAWINGS**
Alpha Plot lets you work on and compare two hi-res drawings at once.

Alpha Plot's *Scrunch* routine lets you store hi-res images in as little as one-third normal disk space.

ALPHA PLOT SELF-PORTRAITS DUMPED TO PRINTER WITH TRIPLE-DUMP (PAGE 10)

## DISKQUIK

Disk Drive Emulator
by Harry Bruce and Gene Hite
Compatible: IIc, IIGS, IIe (128K min.)
(DOS 3.3) **$29.50**
Note: DiskQuik cannot be used with copy protected software that requires booting.

**AN IN-MEMORY "DISK DRIVE"**
DiskQuik makes your Apple think a disk drive is connected to Slot 3. But DiskQuik is much faster, quieter and more reliable. Enjoy many of the benefits of a second (or 3rd or 4th...) disk drive at less than 1/10 the price.

DiskQuik uses your Apple's extended memory, which holds about half as much data as a floppy disk.

DiskQuik has many uses. For example, load often-used files like FID into memory when you boot, so they are available when you need them.

## SILICON SALAD

by Bert Kersey and Mark Simonsen
Compatible with any Apple II
(DOS 3.3) **$24.95**
(Includes Apple Command Chart)

Here are the programs from Tip Books #5, #6 & #7 and Tips & Tricks Chart #1. Plus MORE. For example:

**TEXT IMPRINTER:** Transfers the text screen onto the hi-res screen.

**WORD SORTER:** The winner of our fastest BASIC sorter contest!

**BEAGLE BLACKJACK:** Written in Applesoft, and as much fun as the real thing. You can customize this one.

**DISK SCANNER:** Scans a disk, looking for and sealing off flawed sectors.

**DOS-KILLER:** Removes DOS to create data disks. You gain 32 free sectors.

**TWO-TRACK CAT:** Store twice as many file names on a disk.

**PROGRAM SPLITTER:** Makes programs "jump over" hi-res.

**UNDELETE:** Unerases deleted files. Could prevent a bundle of trouble.

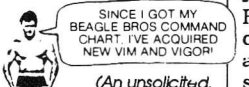
**THAT'S NOT ALL!** (But that's all we're going to tell you about.)

## TIP DISK #1

100 Tip Book Tips on Disk
by Bert Kersey
Compatible with any Apple II
(DOS 3.3) **$20.00**
(Includes Apple Command Chart)

**100 PROGRAMS READY TO RUN**
100 programs from Beagle Bros Apple Tip Books 1, 2, 3 and 4. Many are useful; a few are useless; all are interesting, listable and copyable. And each program teaches another fact about making your Apple do one of its things. Includes Two-Liners from all over the world (and elsewhere).
If you're into Applesoft programming, you're going to like Tip Disk #1.

**FREE COMMAND CHART**
Each Tip Disk & Silicon Salad comes with a free Apple Command Chart containing all of the Applesoft, Integer, DOS 3.3 and ProDOS commands and their functions.



*(An unsolicited endorsement)*

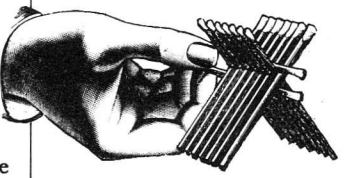
## FLEX TYPE

Variable Hi-Res Text Utility
by Mark Simonsen
Compatible with any Apple II
(DOS 3.3) **$29.50**

**COMBINE HI-RES AND TEXT WITHOUT SPECIAL COMMANDS**
Our favorite Flex Type feature is that you can HPLOT and PRINT on the *same screen* with no unusual commands. It's as simple as...

```
10 VTAB 1: HTAB 20: PRINT "DOGFOOD"
20 HPLOT 0,10 TO 279,10
```

**CHARACTER WIDTH CONTROL**
Just as your dot-matrix printer produces compressed and expanded type, Flex Type displays text in normal 40 columns, 20-column expanded or 56- and 70-column condensed characters.



## FRAME-UP

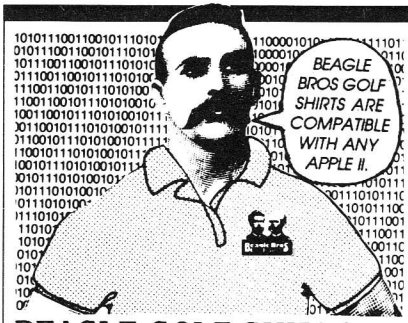
Apple Presentation Program
by Tom Weishaar
Compatible with any Apple II
(DOS 3.3) **$29.50**

**APPLE "SLIDE PROJECTOR"**
Frame-Up lets you create professional displays of intermixed hi-res, lo-res and text-screen frames on any Apple.

Frame-Up is easy-to-use and fast, allowing you to load hi-res pictures from disk to the screen in under 3 seconds! Text and lo-res load even faster, providing you with interesting animation possibilities.

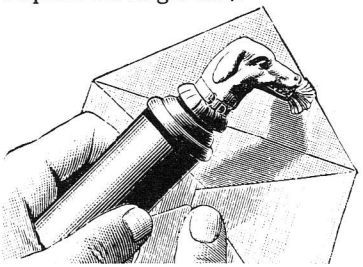
**NEXT "SLIDE" PLEASE...**
Use the keyboard (or joystick) to change frames in forward or reverse order, skipping images if you want. Or presentations may be left unattended, with each frame timed to appear on the screen from 1 to 99 seconds.

**MAILABLE PRESENTATIONS**
Frame-Up presentations may be copied and distributed to your associates (or mailed home to Mom), so they can run your display, as you designed it, on any Apple!




## BEAGLE GOLF SHIRTS MAKE GREAT GIFTS!

Our high-quality *Hanes* golf shirts are good-looking, comfortable and durable. 50% cotton/50% poly, ecru with a brown BEAGLE BROS MICRO SOFTWARE logo. Men's sizes S, M, L and XL, $17 each (if undecided between sizes, request the larger one).



### WHY SOFTWARE BY MAIL?

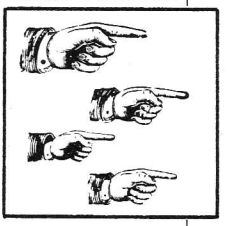
Customers often ask why we still sell by mail when most software stores carry our stuff. There are 3 reasons:

1. We started as a mail order company in 1980, and it just *feels* good.
2. Many customers live in the Boonies where there are no software stores. They buy by mail because it's *FAST!*
3. We pump our mail order profits into paying for this catalog which, in turn, supports the stores. We encourage you to buy from the most convenient source.

# How to Buy Beagle Bros Disks

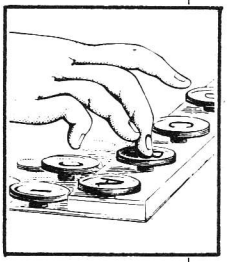
### GOTO YOUR LOCAL APPLE SOFTWARE STORE

If your favorite store doesn't have the disk you want, they can get it for you within just a couple of days by phoning Beagle Bros (619-296-6400) or any national Apple software distributor.



### ORDER BY MODEM 1-619-296-6490

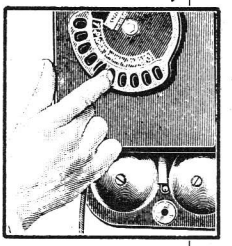
Modem users can now place orders 24 hours a day. It's easy-just type in your name, address, Visa or MasterCard number, and the products that you want. Your order will be shipped the next working day (Monday-Friday).



### TELEPHONE TOLL FREE 1-800-345-1750 (California 1-800-992-4022)

Order takers are on duty Monday-Friday 9 am to 4 pm (Pacific time).

Sorry, our operators can't answer technical questions (they think Disk Drive is a street in Toledo). Technical questions, phone 619-296-6400 during normal business hours.



### OR ORDER BY MAIL

Mail us a U.S. check, Money Order, or Visa or MasterCard number, and we will ship your order immediately.

Add $2.50 shipping ($5.50 if overseas) California, add 6% UPS COD, add $3.00

Mail all orders to:
**BEAGLE BROS, SUITE 102C**
**3990 OLD TOWN AVENUE**
**SAN DIEGO, CA 92110**

# ORDER FORM

Purchase Beagle Bros products at your local software store. Or buy directly from Beagle. Use this order form or give us a call:

Monday-Friday
9 a.m.-4 p.m.
Pacific time

## 1-800-345-1750

**1-800-992-4022** from California

Or order by modem 24 hours a day:
**1-619-296-6490** (modem required)

Use the numbers above for placing orders only. If you have a question about a product, phone
**1-619-296-6400**

Or mail your order to:
**BEAGLE BROS, SUITE 102C**
**3990 OLD TOWN AVENUE**
**SAN DIEGO, CA 92110**

PLEASE ADD for shipping, any size order:
- $2.50 for U.S. and Canada, First Class Mail
- $5.50 for Overseas, Air Mail
- $3.00 additional for COD (UPS, U. S. only)

OUTSIDE U.S. we require:
- your Visa or MasterCard number
- or a U. S. Money Order
- or a check from a New York bank in U.S. currency.

PAYMENT:
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- ❒ MasterCard
- ❒ Check
- ❒ Money Order
- ❒ COD

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### BEAGLE BROS SOFTWARE
(ALL APPLE II UNLESS DESIGNATED IBM)

| | | |
|---|---|---|
| ❒ | ALPHA PLOT | $39.50 |
| ❒ | BEAGLE BAG | 29.50 |
| ❒ | BEAGLE BASIC | 34.95 |
| ❒ | BEAGLE COMPILER | 74.95 |
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| ❒ | BEAGLE SCREENS | 34.95 |
| ❒ | BIG U | 34.95 |
| ❒ | D CODE | 39.95 |
| ❒ | DISKQUIK | 29.50 |
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| ❒ | FATCAT | 34.95 |
| ❒ | FILEMOVER (IBM) | 59.95 |
| ❒ | FLEX TYPE | 29.50 |
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| ❒ | G. P. L. E. | 49.95 |
| ❒ | I. O. SILVER | 29.95 |
| ❒ | MACROWORKS (FOR APPLEWORKS 1.3 OR EARLIER) | 34.95 |
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| ❒ | SHAPE MECHANIC | 39.95 |
| ❒ | SILICON SALAD | 24.95 |
| ❒ | TIP DISK #1 | 20.00 |
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| __ | BEAGLE GOLF SHIRTS (CIRCLE YOUR SIZE: S M L XL) | 17.00 |

Sub Total: $.....

+6% if California: .....

+Shipping: .....

TOTAL: $.....

# NEW!
# BEAGLE SCREENS DISK #1 (See Page 8)

**HERE'S YOUR NEW BEAGLE BROS CATALOG.**
Inside are descriptions of our entire line of Apple II software, including SIX brand new disks. You'll also find many items of interest and, as usual, a few Apple tips and tricks.

**GIVE US A HAND.**
We are constantly trying to clean up our list. If you received more than one Catalog this mailing, please send us your duplicate mailing labels. We'll be forever grateful.

BEAGLE BROS, INC.
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