

Beagle Bros Bulletin

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BEAGLE BASIC Breaks ROM Barrier

Mark Simonsen's BEAGLE BASIC disk has just broken Apple's "ROM Barrier" by allowing you to load Applesoft into your standard Apple IIe's upper-16K or your Apple II or II+'s RAM Card. This means that the formerly locked-up Applesoft Basic is now at your mercy and destined to be enhanced and improved!

The best part of Beagle Basic is the addition of a whole set of powerful new commands like ELSE, SWAP, HSCRN and TONE, at ZERO COST IN MEMORY. See page 4 for a complete list of Beagle Basic features.

Double-Take Takes Off

We recently negotiated a trade with Mark Simonsen— He writes programs and we pay him money...

So far it has worked like a charm— his new DOUBLE-TAKE multiple-utility disk is headed for the top of the charts (see below). Besides allowing your Listings and Catalogs to scroll in both directions, Double-Take is ProntoDOS- and GPL-compatible, and features a whole diskfull of slick, unprotected programming utilities. See page 5 for Double-Take details.



Beagle Basic's TONE command makes computer music-writing a snap. You also get powerful new commands like ELSE, SWAP, HSCRN, MIX and MODE. Plus you can rename Applesoft commands and error messages for program protection, encryption, or even foreign language translation! More on page 4.

FIVE OF 30 IN JULY

Beagle Bros placed 5 disks on Softalk's July "Top 30" List, and captured the TOP FIVE Utility spots. And our game disk, BEAGLE BAG (page 4), almost cracked the Arcade Best-Sellers by placing 11th. Read Softalk each month to see what's hot in your favorite categories.

Categories— **B**usiness, **E**ducation, **G**ames, **U**tilities and **W**ord Processors.

TOP 30 APPLE SOFTWARE SELLERS, JULY 1983

1 W Apple Writer IIe.... Apple	11 G Choplifter..... Bro'bund	21 E Facemaker..... Spinnaker
2 H Home Accountant .. Cont. 12 U DOUBLE-TAKE .Beagle	12 U DOUBLE-TAKE .Beagle	22 G Suspended..... Infocorn
3 B VisiCalc..... VisiCorp	13 G Ultima II..... On-Line	23 E Mix & Match..... Apple
4 E Master Type ... Lightning	14 B PFS: Report .. S'ware Pub.	24 G Knight D'monds .. Sir-tech
5 B PFS: File..... S'ware Pub.	15 U DOS BOSS Beagle	25 E Ernie's Quiz..... Apple
6 G Wizardry..... Sir-tech	16 E Typing Tutor ... Microsoft	26 U UTILITY CITY ... Beagle
7 W Bank St. Writer . Bro'bund	17 E SnooperTroops . Spinnaker	27 E Early Games .. Counterpt.
8 G Miner 2049er ... Micro Fun	18 U PRONTO-DOS ... Beagle	28 W Screen Writer II.. On-Line
9 B Quick File IIe..... Apple	19 U AP.MECHANIC . Beagle	29 B PFS: Graph .. S'ware Pub.
10 B Multiplan..... Microsoft	20 G Pinball Const. .. BudgeCo	30 G Aztec..... Datamost

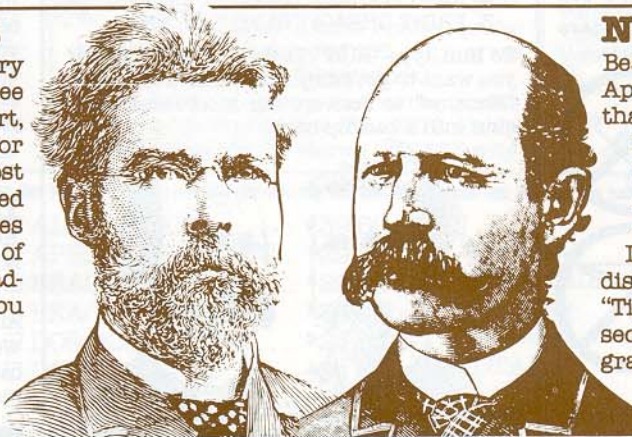
Copyright © 1983, Softalk Publishing Inc. Rankings based on comparative number of products sold in Apple-franchised retail stores.

NEW PEEKS & POKES

In case you're new around here, every Beagle Bros disk comes with a free 11x17 "Peeks, Pokes & Pointers" chart, a handy programming reference for both beginners and experts. Our most recent version of the chart (marked "4/83"), free with all disks, features short programs showing how some of the trickier Apple functions and addresses can be used. (No, sorry, you can't trade your old charts in.)

Only one gross error was found on our old Chart— We listed addresses for four paddle buttons. Let it be known that your Apple acknowledges four paddle **KNOBS** (0-3), but only **THREE** paddle **BUTTONS** (0-2).

Our 11x17 Apple **COMMAND CHART** still comes free with every Tip Disk. See page 6 for more info.



NEW TIP BOOK TOO

Beagle Basic comes with our **SIXTH** Apple Tip Book. Other Beagle disks that have Tip Books are:

- DOS BOSS..... #2
- UTILITY CITY..... #3
- ALPHA PLOT..... #4
- APPLE MECHANIC..... #5

In addition, our **DOUBLE-TAKE** disk comes with a popular 2-sided "Tips and Tricks" Chart. More Apple secrets revealed by Beagle programmer Mark Simonsen.

According to the number of requests we get for extinct Tip Book #1, it has become a real collector's item. Rumor has it that Bert Kersey's **BIG** Apple Tip Book (sold separately without a disk) will be out by Christmas. See the next Bulletin for details.





UNLOCKED POLICY PAYS

Our thanks to all of you who have "backed up" our unlocked software policy. Your cards and letters (and purchases!) have convinced us that we are doing the right thing by not fouling our disks with protection schemes. You support us and we'll support you!

WHICH WAY IS UP?

We've all heard that the back side of disks should not be used, because only one side has been checked for flaws, or "verified". Well, hold on— Some drives read the top of a disk, and some (like Apple's) read the bottom. We haven't seen any disks that specify which side has been verified. Hmm-mm...

GPLE BUFFER BUG

If you boot GPLE, you might, depending on your version, acquire the benefits of its "Type-Ahead Buffer". Sorry, Synergistic; it's more trouble than it's worth, because the buffer won't let a program recognize a Peek of the keyboard, such as—

```
8 TEXT : HOME
9 VTAB 9: PRINT X,X,X,X,X,X
10 KEY = PEEK (49152): IF KEY <
128 THEN X = X + 99: GOTO 9
11 POKE 49168,0: CLEAR: GOTO 8
```

To cancel the Buffer's effects, just BRUN CONFIG.PLE (on the GPLE disk) and answer "N" to the question "Enable Typeahead?".

DON'T SAY WE DIDN'T WARN YOU—

EVERYONE knows you should keep floppies away from heat and magnetic fields. The Beagle Bros Disk-Safety Committee decided that there are even GREATER dangers, and has added these and other updated disk-care warnings to our newest disk envelopes—



(Illustrations by Fred Crona, Beagle Bros Art Staff)

IIe OR NOT IIe?

Mark Simonsen swears up and down that Peeking location -637 (64899) will tell a program what computer it's living in.

IF PEEK(-637)=256 then Apple IIe.

IF PEEK(-637)=223 then Apple II or II+.

IF PEEK(-637)=234 then Franklin Ace or...?

(We believe everything Mark tells us.)

CURSOR MADNESS

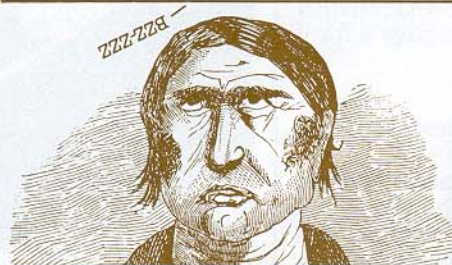
In one of our Tip Books, Bert Kersey wrote about his "Baton" cursor—

```
10 A$ = "!/-" + CHR# (92)
20 HOME : PRINT "ANY KEY:"
30 FOR X = 1 TO 4: VTAB 1: HTAB
9: PRINT MID$ (A$,X,1)
40 FOR Y = 1 TO 20: NEXT Y,X
50 KEY = PEEK (49152): IF KEY <
128 THEN 30
60 POKE 49168,0: VTAB 1: HTAB 9:
PRINT CHR# (KEY - 128)
```

Those of you who can't get enough of Bert's twirlers can try this one—

```
10 A$ = CHR# (92) + "-/!"
20 L = LEN (A$): POKE 769,L: FOR
X = 1 TO L: POKE 810 + X, ASC
(MID$ (A$,X,1)) + 128: NEXT
30 FOR X = 770 TO 810: READ V: POKE
X,V: NEXT : POKE 768,162
40 CALL 768
50 DATA 169,0,141,16,3,169,4,141
,17,3,189,42,3,141,1,4,160,9
,136,208,253,238,16,3,208,24
,238,17,3,172,17,3,192,8,20
8,233,202,208,217,240,213
```

Rumors that Jack Cassidy does not exist have been greatly exaggerated.



FLY DILEMMA

Our Fly Menu animation demo on UTILITY CITY has raised a question— How does your average fly land on the ceiling? Does he...

- make a loop and fly in feet-up?
- fly in feet-down and do a quick flip?
- walk up the wall?

This question has nothing to do with computers. We just thought it was interesting.

AUTO-SAVER

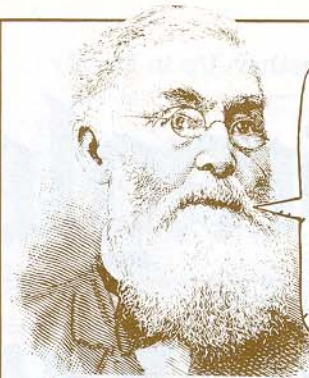
To prevent saving a program under the wrong file name (a potential disaster), we now start our programs with these lines:

- GOTO 100: REM To Start of Program
- A\$="PROGRAM NAME"
- PRINT CHR\$(4)"SAVE " A\$: END

To Run, type "RUN". To Save, type "RUN2". If you want to get fancy, add a Line 4 that uses "Rename" to convert the most-recent version into a backup copy.



BEAGLE BROS BULLETIN, Volume 0, Number 3 (our 4th issue). Designed and written by Bert Kersey. Circulation 100,000. Mailed free to Beagle Bros dealers and software purchasers. Copyright © 1983 by Beagle Bros Inc. "Apple" & "Applesoft" are registered trademarks of Sun-Know-Who.



```
1 GOTO 2 USR - NOT
SQR POP ^ NOT
NOT < POP OR NOT
POP AND = THEN ^
NOT AT POP FRE <
POP FN > AT POP
PDL = > STORE
USR POP < FN SQR
POP OR NOT &
2 FOR L = 0 TO 39:
POKE 2000 + L,
PEEK (2055+L)-1:
NEXT L
```

ASK UNCLE LOUIE™

Q. Dear Uncle Louie— The Apple IIe has a built-in RAM-check function. Fine, but how do I verify my OLD Apple's memory?

—Randy Ramrom, Syntax, Arizona

A. Dear Randy— Here is a little program my father wrote for me when I was a boy. It works on absolutely ANY Apple.

```
17 HOME : PRINT " UNCLE LOUIE'S
SYSTEM CHECK": POKE 49385,0
34 PRINT : PRINT " ANY KEY:"
51 CALL 64426: CALL 64246: CALL
64624:U = 49384: POKE U,0
68 IF PEEK (78) < U THEN TEXT
: PRINT "SYSTEM MESSD UP"
```

Ed. Note— Uncle Louie is pulling your chips. Please do NOT write us about his program. In the future, mail all complaints to Roger Wagner, c/o Southwestern Data Systems.

PRONTO-TALK

Tom Weishaar says to tell you a thing or two— First of all, a Poke that cuts an additional 1/2-second off of each disk access:

POKE 47102, 255 (REM: SEE WARNING BELOW)

DOS normally delays a split-second while the disk gets up to speed (normal value 216). Tom says that's not really necessary.

Fine Print: DON'T USE THIS POKE WHEN WRITING TEXT FILES. You risk damaging them. Other file types, no problem.

A favorite feature of Tom's updated ProntoDOS is the TYPE command, which lets you display text file contents with the command "TYPE Filename" (see Pronto, page 6).

PRONTO UPDATE: If you purchased ProntoDOS before the TYPE command, DOS-move and other new features* (or if your copy of Flex Text won't work on a IIe), mail your original disk (make a backup first) and \$3.00 to Minnie Assembler, c/o Beagle Bros. A new disk & instructions will be mailed to you same day. No boxtops please.

*The OLD version has the word "ProntoDOS" printed in GREEN on the instruction manual cover.

LOCK-CAT

Here's a good one from Loren Rytter of Mtka, MN, that lets you catalog only locked files—

POKE 44513, 67

Amazing! POKE 44513, 2 normalizes things. We reward customers for good tips. In this case, however, our offer of 9 cases of our new magnetic write-protect tabs was refused.



HIT ANY KEY:

We got a letter from a guy in Tulsa who says his Apple has no key marked "ANY". Must have been a foul-up at the factory...

ALPHA PLOT

HI-RES GRAPHICS/TEXT UTILITY
by Bert Kersey & Jack Cassidy

\$39.50 Normal Apple II/II+/IIe compatible & unprotected.
Includes Peeks & Pokes Chart and Tip Book #4

ALPHA PLOT lets you draw and label an endless variety of hi-res pictures, charts and displays and lets you manipulate, copy, compare and even combine them. Take a look—

TYPE A PICTURE

With Alpha Plot's easy-to-use keyboard plotting system (paddles optional), you can quickly create images on the screen, plotting in any hi-res color or reverse (the background opposite at any point). Color MIXES too. Lines, circles, ellipses and boxes (outlined or filled with color) may be plotted with one or two keystrokes. All pictures may be saved to or loaded from disk.



ALPHA PLOT SELF-PORTRAIT DUMPED TO PRINTER

HI-RES TEXT

Alpha Plot lets you type upper and lower case directly onto the hi-res screen in four sizes, from normal to giant, with no hardware required. No htab/vtab restrictions. Type color titles and labels too. Even type SIDEWAYS if you want, an effective feature for graphs.

Alpha Plot's proportionally-spaced type gives a clean professional look to your presentations. People *do* notice the difference.

TRACEABLE, ERASABLE LINES

Alpha Plot's optional Rubber-Band Cursor projects a line between two points so you can make visual adjustments before you draw. "Reverse" lines may also be drawn and then, if you want, be completely *erased*, at the touch of a key, without disturbing the background details.

TWO PAGES/TWO DRAWINGS

You can work on and compare two hi-res drawings at once. Hi-res pages can be instantly switched in memory, putting Page One's image onto Page Two and vice versa.

IMAGE MANIPULATORS

Two drawings may be superimposed in four different ways (opaque, transparent, etc.). Any rectangular segment of a hi-res drawing can be *moved* to any location on either hi-res screen. You can, for example, center finished images on the screen, or imprint your logo or name on all of your hi-res pictures.

An instant Negative of any section of the screen is a useful feature. Hi-res images can even be converted to *Lo-Res* and back!

MORE PICTURES PER DISK

With Alpha Plot's *Scrunch* routine, you can save any hi-res image in as little as one-third the normal disk space (11 sectors, for example, instead of the normal 34), depending on the complexity of the image.

HI-RES TIPS

With Alpha Plot, you get a 40-page documentation book, which includes a nice collection of Apple Tips—shape table and animation tricks, a collision graphics demo, and hi-res program listings, all designed to help you make the most of your Apple's amazing graphics capabilities.

APPLE MECHANIC

SHAPE EDITOR/BYTE ZAP DISK
by Bert Kersey

\$29.50 Normal Apple II/II+/IIe compatible & unprotected.
Includes Peeks & Pokes Chart and Tip Book #5.

APPLE MECHANIC's functions range from Animation to Music to "Disk Zapping". Combined with our 60-page documentation/Tip Book, this is one of the best software bargains anywhere.



SHAPE TABLE EDITOR

Shape tables are excellent animation tools used in a variety of applications, from games to animated titles, charts and graphic presentations. Apple Mechanic's Shape Editor makes shape construction a snap. You plot your drawing from the keyboard as it is simultaneously displayed in same-size and enlarged forms on the hi-res screen. The shape is converted into data and inserted into a shape table. The hassle is gone and your creativity is released (that's what computers are *for*, right?).

The Shape Editor's keyboard-plotting system is simple and fast. A correcting feature lets you erase by "backspacing" over your in-progress drawing. Any shape you don't like may be re-drawn. A shape may be "pre-plotted" on the screen and then traced with slight changes for animation purposes.

HI-RES LEARNING TOOL

The Apple Mechanic disk features three Demo programs that teach a ton about using shape tables and hi-res in your Applesoft programs. The documentation gives you a complete run-down of Apple's hi-res and shape table commands, including some not covered in your Applesoft manual. Tip Book #5, part of the documentation, has tips on "More Room for Hi-Res Programs", "Hi-Res Flix", "560-Plot Hi-Res", etc.

CHARACTER EDITOR

Apple Mechanic lets you create and edit hi-res "shape fonts" which may be typed directly on the screen or called to the screen from your Applesoft programs. Six 96-character fonts are included. The benefits of Shape Fonts are many—Proportional Spacing (more characters per line, easier to read); fast printing speed; no vtab/htab restrictions (characters may be placed *anywhere*, rotated if you want); and the ability to Xdraw or "Xtype" words over multi-color backgrounds.

DISKS SOLD



AND MORE—

475 SECTORS packed with the programs mentioned above, and many more—

- SHAPE EDITOR
- CHARACTER EDITOR
- 6 SHAPE TABLE TYPE FONTS
- SHAPE ANALYZER
- XTYPER (type directly in hi-res)
- HI-WRITER (type from your programs)
- 3 LISTABLE HI-RES DEMOS (learn to program hi-res with Applesoft.)
- PAGE COPY (hi-res image shifter)
- BYTE ZAP (see next column)
- SONG SUBROUTINES (music to use in your Applesoft programs)
- TWO-LINERS
- TEXT TRICKS (We couldn't resist.)

APPLE MECHANIC TYPEFACES

by Bert Kersey

\$20.00 Normal Apple II/II+/IIe compatible & unprotected.
Includes Peeks & Pokes Chart.

Here are more hi-res fonts for Apple Mechanic's *Xtyper* and *Hi-Writer* programs. 26 of them, both large and small, all proportionally-spaced and positionable anywhere on either hi-res screen. Most are full 96-character fonts, many with special graphic characters. Each character (from "!" to "□") of every font (from "Ace" to "Zooloo") is editable with Apple Mechanic's Font Editor.

PLUS: Our useful BEAGLE MENU utility, described under *Beagle Bag* (next page), is on the *Typefaces* disk too. It could become the most-used program in your Apple library.



(26 new typefaces total)

BYTE ZAP

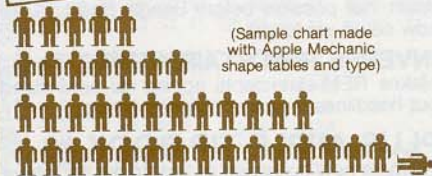
(also on the Apple Mechanic disk)

BYTE ZAP is a disk inspector utility that lets you rewrite any byte on a disk. Sectors may be displayed on the screen in their entirety in one of five formats. You can cursor-cruise through each sector with bytes simultaneously translated into hex, decimal and ascii equivalents.

You may change any byte on a disk by entering a hex or decimal number or ascii character (including flash, inverse, normal, control and lower case).

Many pages of tips are included for performing disk alterations such as—Restoring deleted files, Modifying DOS, Inserting headings in catalogs, Renaming files illegally, Making file names invisible, Changing greeting program names, Changing disk volume headings, Changing DOS commands & error messages...

OTHER "DISK ZAP" PROGRAMS ON THE MARKET CANNOT COMPARE WITH BYTE ZAP IN TERMS OF EASE-OF-USE, EDUCATIONAL VALUE AND PRICE!



Projected Population, 1985

BEAGLE BASIC **NEW!**

APPLESOFT ENHANCER
by Mark Simonsen

\$34.95 Requires Apple IIe (or II/H+ with RAM Card)
Unprotected. Includes Peek's/Pokes Chart and Tip Book #6.

Normally, Applesoft is unchangeable. What you see is what you get. But BEAGLE BASIC puts Applesoft into RAM, letting you customize and enhance it. The following functions may be added at ZERO COST IN MEMORY—

RENAME BASIC COMMANDS

That's any Applesoft command or Error Message (see DOS Boss for DOS changes). Beagle Basic lets you literally re-write Applesoft for program protection, encryption, or even foreign translation! Even the new commands described below are renameable—

NEW APPLESOFT COMMANDS

ELSE: Common in many programming languages, but missing from Applesoft until now. ELSE follows If-Then statements, like this—

IF X=2 THEN PRINT "Yes": ELSE PRINT "No"

SWAP: Normally, to swap two variable values, you need a 3rd variable & an extra split-second. **SWAP X,Y** exchanges values in one quick step.

TONE: Beagle Basic's **TONE P, L** command plays a note of Pitch P, Length L. It's simple—no messy Pokes or Calls are ever necessary.

HSCRN: If you have ever used Lo-Res's SCRND command, you'll appreciate HSCRN X,Y for finding the off/on status of any hi-res dot.

TXT2: Allows Text Page 2 to act like Page 1, for printing, listing, etc. Switching pages opens up all kinds of programming possibilities.

MIX, PAGE, RESL and MODE: No more awkward graphics screen-switch Pokes. For example, type **PAGE1** or **PAGE2** to switch pages, instead of **POKE -16300,0** or **POKE -16299,0** (never look-up those darn Pokes again!).

PROGRAMMING ENHANCEMENTS

In addition to the new commands above, any or all of the following "patches" may be instantly added to your Apple when you boot, at ZERO COST IN MEMORY.

GOTO & GOSUB may now be followed by variables. Use English-like commands such as "GOSUB COUNTER" or "GOTO SONG", where COUNTER and SONG have been assigned line-number values. **GOTO 3+X**, etc., are legal too!

ESCAPE-CURSOR: Normally, you can't tell when you are in Escape Mode (moving the cursor). With Beagle Basic, hitting ESC temporarily changes the normal cursor to a flashing "+" Hitting a non-cursor-move key retrieves the normal flashing or blinking cursor.

BETTER BEEP: Select one-of-many more pleasing tones for Apple's control-G bell.

PLUS: Bonus Screen Formatter and Editor converts formatted text screens into Applesoft Print statements. New one-word commands to replace Apple's awkward Call-958 and Call-868. New CLRKEY instruction to clear the keyboard. New one-word commands to scroll text up and down, not possible before Beagle Basic. PLUS, how could we forget—

INVERSE REM STATEMENTS Too!

Makes REM-statements appear as bold stand-out headlines in your Applesoft listings.

PLUS APPLE TIP BOOK #6

A whole new collection of tips, tricks and valuable programming goodies, all included as part of the Beagle Basic documentation book.

BEAGLE BAG

12-GAMES-PLUS ON ONE DISK

by Bert Kersey

\$29.50 Normal Apple II/II+/IIe compatible & unprotected.
Includes Peek's & Pokes Chart and Beagle Menu utility.

COMPARE BEAGLE BAG with any single-game locked-up disk on the market today. The games are a blast, the price is right, the instructions are crystal clear, and the disk is Copyable!

MORE GAMES PER BUCK

Don't settle for a one-game Apple disk. Beagle Bag's got TWELVE great games by the Applesoft Ace, Bert Kersey—TextTrain, Slippery Digits, Wowzo, Magic Pack, Buzzword... More hours of enjoyment for your money than any of the competition. See the Beagle Bag review in the Jan. 1983 Softalk, (page 148), which says in part—



SOPHIE, THE BEAGLE BROS BEAGLE

"...Beagle Bros has turned out an innovative package—The games require quick thinking, but they're not mere tests of reflexes.

"...At any price, the 20-page manual is worth a few bucks by itself. It's funnier than Mad Magazine and shorter than National Lampoon..."

LIST AND LEARN

Beagle Bag games are all listable so you can see what makes them tick. Many of our customers have reported learning programming skills from our games, which may be loaded and saved from disk to disk, and even customized if you want. And hitting Reset doesn't cause a memory-scrambling re-boot. Even for games, unlocked software is the only way to fly!

BEAGLE MENU Too!

On our Beagle Bag and Typefaces disks—Beagle Menu displays your normal (or ProntoDOS) disk catalogs, 20 file names at a time, showing ONLY THE FILE NAMES YOU WANT (for example, only Applesoft files, or only Locked files). No need to catalog files you don't want, even though they still exist on the disk.

To Run or Brun a program, move the cursor from file name to file name, then hit Return. That's it! Beagle Menu features free-space-on-disk, supports single or double-drives, and has an informative "Help" page.

DEAD DISK?

If you are in possession of ANY Beagle Bros disk that won't boot, for crying out loud, MAIL IT BACK TO US for a no-charge same-day replacement. If YOU messed the disk up, we won't complain if you include \$3.00 for recopying and shipping. Either way is just fine with us.

DOSTALK LIVES!

As you know, Bert Kersey abandoned his monthly "DOSTALK" column in Softalk to tend to more pressing matters (more sleep). Fear not; you can still read about Uncle DOS and his cohorts every month, thanks to our ProntoDOS & Frame-Up author, Tom Weishaar (that's pronounced "Weishaar"). By the way, you should subscribe to Softalk; it's FREE for a year if you mail them your Apple's serial no.

DOS BOSS

DISK COMMAND EDITOR

by Bert Kersey & Jack Cassidy

\$24.00 Normal Apple II/II+/IIe compatible & unprotected.
Includes Peek's & Pokes Chart and Tip Book #2.

DOS Boss is a classic disk that you will use and enjoy. Applers around the world are using DOS Boss to customize their systems and truly personalize their personal computers.

RENAME DOS COMMANDS

For example, change "Catalog" to "Menu" or even "M" to save keystrokes. Or change "Save" to "Keep", or "Load" to "Ribbit", to protect programs. Use your imagination; only you will know your commands.

To make a change, simply run DOS Boss, select the command you want changed (say "Catalog"), then enter your new command word (say "Cat"), and that's it! Other DOS changes are made with equal ease—

NEW ERROR MESSAGES

Syntax Error can be renamed "Cannot Compute" or "Try Again!"; or Disk Full can be "(Burp!)"; or just about anything you want.

SAVE-PROTECT PROGRAMS

By manipulating DOS, you can make any unauthorized attempt to save one of your programs halt and produce a "Not Copyable" message. Easy-to-follow instructions are part of the package.

DOS Boss's change features may be appended to any or all of your programs, so that anyone running your programs (booted or not) on any Apple will be formatting DOS the way YOU designed it.



ONE-KEY PROGRAM SELECTION

DOS Boss's Key-Cat feature simplifies Apple program selection. A single letter will appear next to each file name in your catalog. Pressing the corresponding key will run, brun or exec the chosen program for you automatically. Key-Cat operates with any length of catalog and will report Space-On-Disk at the touch of a key.

CUSTOMIZED CATALOGS

Why not replace Apple's unnecessary Disk Volume heading with your own disk number, title or name? You can with DOS Boss! Include or omit the volume number.

Convert catalogs to 2 or 4 columns so that all of your file names appear on the screen at once. Omit or alter sector numbers and language codes too.

PLUS THE DOS BOSS BOOK

Beagle Bros is big on documentation; with DOS Boss you receive complete DOS Boss instructions, clearly-written from a beginner's viewpoint, plus easy-to-understand discussions of how and why each DOS Boss feature works. Suggestions for creatively using each feature are included.

MORE— Tips on using both sides of your disks, maintaining your drives, sorting words, poking around in DOS, storing disks, 3.3 vs. 3.2...

SOFTWARE DEALERS
MAY PURCHASE BEAGLE
BROS PRODUCTS
DIRECTLY FROM BEAGLE
BROS (619-296-6400)
OR FROM ANY APPLE
SOFTWARE
DISTRIBUTOR.



DOUBLE-TAKE **NEW!**

2-WAY-SCROLL/MULTI-UTILITY by Mark Simonsen

\$34.95 Normal Apple II/II+/Ile compatible & unprotected.
Includes Peeks & Pokes and Tips & Tricks Charts.

A hundred times a day, you type "CATALOG" and "LIST", and the appropriate data dutifully appears on your monitor... then promptly scrolls off the top of the screen into Hyper-Space. If the information you are looking for goes by, you must List or Catalog *again* to find it.

2-WAY-SCROLLING

Now you can list programs and Catalog disks with the added ability to CHANGE SCROLL-DIRECTION using the Apple Arrow Keys. Your monitor becomes a "Search Window" to be moved UP AND DOWN through Catalogs and Listings at will.

IMPROVED LIST-FORMAT (optional)*

Each program statement is listed on a new line for easy tracing of program flow, and FAST efficient de-bugging. Code is properly-spaced (one space between words, not two) and easier to follow. Printouts in any width are supported too.

*Similar to Utility City's XLISTER (see page 6), but with bi-directional scrolling and Machine-Language speed. For-Next's and If-Then's are not called out, as in XLISTER.

MONITOR-LISTINGS feature 2-Way-Scroll too. Disassemblies and Hex Dumps can be scanned in *both directions*. Double-Take also features 2-Way HEX/ASCII DUMPS (example below).

DOUBLE-TAKE BONUSES

CROSS REFERENCE: Fast display or printout of all variables & strings in a program, and the program lines on which each one occurs—

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

VARIABLE DISPLAY: Displays all of a program's variables & strings with their current values—

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

Better **RENUMBER/APPEND:** Append program lines *anywhere* into other programs (not just at the end) without the need to renumber.

AUTO-LINE-NUMBER types Applesoft line numbers for you, in any increment, as you enter code.

CURSOR ZAPPER lets you re-define (or eliminate) Apple's (in)famous flashing cursor.

PLUS: Free-Disk-Space, Enter Machine Code from Basic, Instant Program Stats, Control-Character Display, In-Memory Hex/Dec Converter...

FLEX TEXT

HI-RES TEXT UTILITY by Mark Simonsen

\$29.50 Normal Apple II/II+/Ile compatible & unprotected.
70-column text requires black & white Monitor for legibility.
Includes Peeks & Pokes Chart.

Our favorite FLEX TEXT feature is the ability to H PLOT and PRINT on the *same screen* with no unusual commands, only NORMAL APPLE-SOFT commands. With Flex Text booted, it's as simple as—

```
10 VTAB 1: HTAB 20: PRINT "TITLE"
20 H PLOT 0, 10 TO 279, 10
```

Here, Line 10 prints "TITLE" on the hi-res screen (looking identical to the text screen). Line 20 draws a hi-res line under the word.

With Flex Text, you are no longer restricted by Apple's 4-lines-of-text limit at the bottom of your hi-res pictures. Flex Text is indeed flexible.

CHARACTER-WIDTH CONTROL

Just as your printer produces compressed and expanded type, Flex Text creates the same effect on the screen— Display in normal 40-columns, or produce 20-column *expanded* or 56- and 70-column *condensed* characters (that's 7/8ths of an 80-column board without any hardware)! Type-sizes may be mixed on the same screen for copy-fitting and/or emphasis. Simple control-character commands trigger the different widths.

NORMAL COMMANDS

Flex Text understands Normal Applesoft Basic commands, including Home, Inverse, Normal, Vtab 1-24 and HTAB 1 through HTAB 70.

It also supports text window pokes and scrolling, so you can program as you normally would, but with the ability to ADD TEXT TO GRAPHICS, or graphics to text! You can even run your existing Applesoft programs with Flex Text features. (Note: Some of your larger programs may overwrite the hi-res screen. Instructions are included for getting around this problem.)

AN ENDLESS CAST OF CHARACTERS

UPPER & LOWER CASE may be typed in *any width* without hardware. Every keyboard character may be redefined as any symbol you like with Flex Text's TEXT CHARACTER EDITOR.

Apple's **DOS TOOL KIT**® fonts are supported, letting you switch between up-to-nine fonts with simple control-character commands.

THREE SCREENS

Flex Text lets you toggle between the "normal" text screen and both hi-res pages (which can now display text), opening up all kinds of new programming possibilities.

GPLE® COMPATIBILITY

We highly recommend Neil Konzen's Global Program Line Editor® for the editing of Applesoft program lines. Flex Text is completely compatible with all of GPLE's amazing features.

FRAME-UP

APPLE PRESENTATION UTILITY by Tom Welshaar

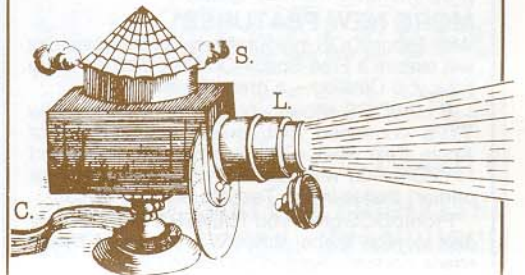
\$29.50 Normal Apple II/II+/Ile compatible & unprotected.
Includes Peeks & Pokes Chart.

FRAME-UP is our high-speed "slide projector" utility that lets you create professional displays of intermixed hi-res, lo-res and text 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 just 2½-seconds! Text and lo-res frames load even faster, providing you with new disk-to-screen animation possibilities.

NEXT SLIDE PLEASE ...

You may use the Apple keyboard or paddles (or joystick) to change frames in forward or reverse order, skipping images if you want. Or presentations may be left *unattended*, with each frame individually timed to appear and remain on the screen from 1 to 99 seconds. The order and timing of your graphics and text images may be easily (and instantly) arranged and rearranged.

A sophisticated TEXT SCREEN EDITOR is included that lets you create black-and-white text frames. You can even add type "live" on the screen during your presentations. Note: Frame-Up does *not* include software for creating graphics. See *Alpha Plot*, page 3.



MORE PIX PER DISK

Up to 17 hi-res or 136 lo-res/text pages may be stored per disk. With two drives, you can double these figures, making long presentations possible without touching a disk.

Frame-Up also includes a DISPLAY MODULE which may be copied and distributed to your associates (or mailed home to Mom), so they can run your display, as you designed it, on their Apple or any Apple!

EASY TO USE

Frame-Up features one-key commands, a bi-directional scrolling catalog, on-screen menus and a handy reference chart, which all work together to make Frame-Up simple to operate.

Frame-Up is ideal for store displays, presentations to the boss, club programs, trade show booths, product demos, promotions, seminars, conventions, classes, and just plain showing off your Apple.

Double-Take's Two-Way Scrolling Works Five Ways:

NORMAL LISTINGS

```
10 DIM CARD$ (52), CHECK (52)
20 SUIT$ = "CDHS"
30 N$ = "A23456789TJQK"
40 FOR S = 0 TO 3: FOR C = 1 TO
13: CARD$ (C + S * 13) = MID$
(N$, C, 1) + MID$ (SUITS$, S +
1, 1): NEXT : NEXT : REM DEFINI
NE CARD NAMES
45 TEXT : HOME : NORMAL
50 FOR X = 1 TO 52
55 XX = X - 1: VTAB 1 + XX - INT
(XX / 13) * 13: HTAB 1 + 10 *
INT (XX / 13)
60 PRINT SPC (X < 10); X; ";":
70 N = INT (RND (1) * 52) + 1
80 IF CHECK (N) THEN 70
90 CHECK (N) = 1
100 INVERSE : PRINT CARD$ (N);
105 NORMAL : PRINT SPC (5)
110 NEXT X
```



NEW-FORMAT LISTINGS

```
10 DIM CARD$ (52), CHECK (52)
20 SUIT$ = "CDHS"
30 N$ = "A23456789TJQK"
40 FOR S = 0 TO 3
: FOR C = 1 TO 13
: CARD$ (C + S * 13) = MID
+ MID$ (SUITS$, S + 1, 1)
: NEXT
: NEXT
: REM DEFINE CARD NAMES
45 TEXT
: HOME
: NORMAL
50 FOR X = 1 TO 52
55 XX = X - 1
: VTAB 1 + XX - INT (XX /
: HTAB 1 + 10 * INT (XX /
PRINT SPC (X < 10); X; ";":
N = INT (RND (1) * 52)
70 N = INT (RND (1) * 52)
80 IF CHECK (N) THEN 70
```



CATALOGS

```
]CATALOG
DISK VOLUME 123
*A 009 HELLO
*A 010 MULTI-CAT
*A 050 SORTFILE
*A 010 KEY-CAT
*A 052 BYTE ZAP
*A 024 HI-WRITER
*B 034 BBROS LOGO
A 050 WOWZO
T 002 XLISTER
A 062 DOS BOSS
T 010 LETTER
T 020 STATEMENT
T 003 NAIL FILE
*A 052 ALPHA PLOT
*A 009 BEAGLE MENU
*A 023 HANG PERSON
B 034 GOOD PIC
B 034 UGLY PIC
```



HEX/ASCII DUMPS

```
0000- 53 41 4D 50 4C 45 20 54 SAMPLE T
0008- 45 58 54 20 46 49 4C 45 EXT FILE
0010- 20 49 4E 53 50 45 43 54 INSPECT
0018- 45 44 20 57 49 54 48 20 ED WITH
0020- 44 4F 55 42 4C 45 2D 54 DOUBLE-T
0028- 41 4B 45 27 53 20 48 45 AKE'S HE
0030- 58 2F 41 57 43 49 49 20 X/ASCII
0038- 44 55 4D 50 20 46 45 41 DUMP FEA
0040- 54 55 52 45 2E 20 45 41 TURE. EA
```



MACHINE CODE

```
0300- A9 4C LDA #$4C
0302- 8D F5 03 STA $03F5
0305- A9 10 LDA #$10
0307- 8D F6 03 STA $03F6
030A- A9 03 LDA #$03
030C- 8D E7 03 STA $03F7
030E- 60 RTS
0310- A9 D7 LDA #$D7
0312- 20 C0 DE JSR $DECB
```



PRONTO-DOS

HIGH-SPEED DOS & DOS-MOVER
by Tom Welshaar

\$29.50 Normal Apple II/II+/Ile compatible & unprotected.
Includes Peeks & Pokes Chart.

PRONTO-DOS triples the speed of Apple's Disk Operating System, adds many optional DOS features, and lets you load DOS into auxiliary memory for 10 Extra K of valuable memory!

Here is a speed comparison with normal DOS—

Function	Normal	Pronto
BLOAD HI-RES IMAGE	10 sec.	3 sec.
BSAVE HI-RES IMAGE	12 sec.	6 sec.
LOAD 60-SECTOR PROGRAM	16 sec.	4 sec.
SAVE 60-SECTOR PROGRAM	24 sec.	9 sec.
BLOAD LANGUAGE CARD ..	13 sec.	4 sec.

(Text Files: no change)

New, unprotected, high-speed disks (as many as you want), are created with the normal INIT command. Or your existing disks may be updated. Booting Pronto or any of your updated disks installs high-speed DOS in your Apple.

NEW PRONTO DOS-MOVER*

Moving DOS to your Apple II or II+ RAM Card or Apple IIe standard high-memory will free up a whopping **10,000 EXTRA BYTES** (that's 10K!) of programmable memory space.

MORE NEW FEATURES*

With ProntoDOS in your Apple, all disk catalogs will feature a Free-Space-On-Disk display, every time you Catalog—a great benefit!

ProntoDOS allows you to add a handy new **TYPE** command that reveals the contents of Apple Text Files. For example, the command "TYPE INFO" will print everything (to screen or printer) that is in the Text file named "INFO".

ProntoDOS gives you 15 EXTRA SECTORS of disk storage space, almost one full track! This is space normally wasted by Apple DOS.

ProntoDOS is compatible with all DOS Commands, GPLE® and most of your programs.

Update your old Pronto.
See page 2.

GPLE

GLOBAL PROGRAM LINE EDITOR
by Neil Konzen

\$49.95 Normal Apple II/II+/Ile compatible & unprotected.
Includes Peeks & Pokes Chart.

We can't say enough about GPLE. We feel that a copy should be included with every Apple sold.

FAST, EASY PROGRAM EDITING

GPLE lets you insert and delete Applesoft code **FAST**, without cursor-tracing. You can *instantly* move the cursor to any point in a program line to add or delete code, or to make changes.

GPLE includes fast **SEARCH & REPLACE** to find and/or change anything in your programs. (For example, change all variable X's to Y's)

PROGRAM YOUR ESC KEY

GPLE lets you create custom Escape Functions, so ESC + any key instantly types anything you want. (Examples: ESC-1 could Catalog, ESC-L could clear the screen and List... or anything!).

GPLE is **INVISIBLE AND POWERFUL**; it loads into memory when you boot and *stays there*, letting you call up its features at the touch of a key. All normal Apple commands that you are used to remain the same.

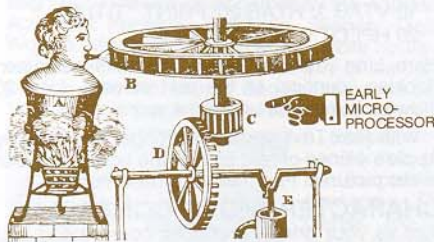
GPLE features many bonuses and is compatible with ProntoDOS, Double-Take and ALL Beagle utilities. If you program on an Apple, buy GPLE. Don't just *think* about it; **BUY** it!

UTILITY CITY (includes XLISTER)

21 UTILITIES ON ONE DISK
by Bert Kersey

\$29.50 Normal Apple II/II+/Ile compatible & unprotected.
Includes Peeks & Pokes Chart and Tip Book #3.

UTILITY CITY is twenty-one useful & entertaining Apple utilities, programmed in the Beagle Bros style by the Beagle boss, Bert Kersey—



BIGLINER: Renumber program lines to 65535 making them inaccessible. Protect your copyright messages or subroutines.

FILENAME ZAP: Create trick file names; inverse, flash, mixed and/or INVISIBLE; to make files inaccessible or to dress up catalog displays.

SCREENWRITER: Compose and format Apple text layouts (title pages, menus, displays, etc.) on your monitor. Type directly in inverse, flash, normal and upper/lower case. Words may be re-set centered or flush left or right. Move blocks of copy. Print finished layouts or store on disk.

*No relation to Sierra On-Line's SCREENWRITER II (an EXCELLENT word processor, by the way).

MULTI-CAT: Send long catalogs to your printer or CRT in multiple columns (3, 4, 5...) and in any column-width (40, 60, 80...). Sector/file codes may be included or omitted.

TEXT DUMP: Transfers text screen to printer. Use alone or append to programs.

SORTFILE: Sort, store and update one-field lists on disk. Listable and customizable.

RUN COUNTER: Appended to programs to post on the screen the number of times the program has been run, each time it's run.

DATE COUNTER: Similar to Run Counter; reports the last DATE a program was run.

REM ZAP: Makes rem statements temporarily inverse in your program listings.

LINE SEARCH: Find program lines in memory for program repair or "illegal" alteration. Supports hex and decimal.

KILL-CAT: Lets control-C (or any key you choose) make a clean break in a long catalog.

KEY-CAT: Select and run programs from catalog with one keystroke (no need to type file names). Instant Space-On-Disk report too.

INT CONVERTER: Convert Integer programs to Applesoft. Integer language required.

HEX/DEC/BIN CONVERTER: Convert from or to hex while current program stays intact. Reports pos/neg decimal and hex.

DOUBLE LOADER: Run any Applesoft file while your current program stays intact (no need to save, load and re-load).

CONNECT: Append programs or attach subroutines to programs without retyping.

COMMAND ZAP: Put INVISIBLE functioning Applesoft commands into your listings (for program protection) and create attractive flush left listing headings.

CHR\$ POKER: Find locations and values for poking characters onto the screen.

BFIND: Reports the most-recently bloated binary file's start address and length in hex and decimal. An exec file; no need to re-load.

ADDRESS CHECKER: A "snooper" utility; that helps you explore Apple's memory.

TIP DISK #1

100 TIP BOOK TIP-PROGRAMS
by Bert Kersey

\$20.00 Normal Apple II/II+/Ile compatible & unprotected.
Includes Peeks & Pokes and Apple Command Charts.

Don't type in those programs from the Beagle Bros Tip Books. Here they are; typed for you, tested and ready to run; 100 PROGRAMS FROM 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 elusive fact about making your Apple do one of its things. Includes fascinating Two-Liners from all over the world (and elsewhere).

Free COMMAND CHART with Each Tip Disk

Each Tip Disk comes with a FREE Peeks & Pokes Chart and an APPLE COMMAND CHART, an alphabetical listing of all Applesoft, Integer Basic & DOS commands and their functions, typeset and printed on heavy-duty stock. Now you can see *all* commands at a glance, and experiment with ones you have never met!



SINCE I GOT MY BEAGLE BROS COMMAND CHART, I'VE ACQUIRED NEW VIM AND VIGOR!

(an unsolicited endorsement)

Utility City's XLISTER

XLISTER: Convert confusing-looking Applesoft listings into a set of clear step-by-step instructions. After loading your program, just type "Exec Xlister" to list all or part of a program. Each program statement is on a new line, properly spaced in the chosen column-width; every statement following an IF is called out; For-Next loops are indented ala Pascal. Xlister is useful for debugging or for making archive printouts (with page breaks) of finished work.

Below is a demo program "Xlister" in 40 columns. You may select any column-width.

NOTICE THE FEATURES—

- Each program statement appears on a new line, thus unscrambling the listing.
- The asterisks indicate that a statement will be executed only if the "IF" is true.
- Each For-Next loop is indented. The example is a nested loop with double indentation.

JEXEC XLISTER ← LOAD YOUR PROGRAM, AND EXEC XLISTER.

```

10  REM UTILITY CITY "XLISTER" DEMO
15  HBR
    : HOME
    : VTAB 23
    : HTAB 16
    : PRINT "[ TEST ]"
20  FOR X = 20 TO 279 STEP 20
    :   FOR Y = 20 TO 191 STEP 20
    :     HCOLOR= 3
    :     HPLLOT X,Y
    :     IF X = Y THEN F = 2
    * :     HPLLOT X - F,Y TO X + F,Y
    * :     HPLLOT X,Y - F TO X,Y + F
30  HCOLOR= 6
    :   IF X = 100 OR Y = 100 THEN
    :     HPLLOT X - 10,Y - 10
    * :     HPLLOT X + 10,Y + 10
40  NEXT Y
    :   VTAB 21
    :   HTAB 1 + INT (X / 7)
    :   PRINT INT (X / 20); " ";
    : NEXT X
    : VTAB 23
    : HTAB 15
    : FLASH
    : PRINT "END";
    : NORMAL
    : PRINT " OF TEST"
    : VTAB 1
    
```



Use XLISTER for de-bugging,
or for archive printouts
(with Page Breaks)
of your finished programs.

Beagle Bros Product Feature Index

HGR2:
FOR X=0
TO 256:
POKE 28,X:
CALL-3082:
NEXT X



Code	Disk Plot
APLOT	ALPHA PLOT
AMECH	APPLE MECHANIC
BBAG	BEAGLE BAG
BBASIC	BEAGLE BASIC
DBOSS	DOS BOSS
DTAKE	DOUBLE-TAKE
FLEX	FLEX TEXT
FRAME	FRAME-UP
PRONTO	PRONTO-DOS
TIP1	TIP DISK #1
TYPE	A.M.TYPEFACES
UCITY	UTILITY CITY

Append two programs DTAKE/UCITY
Apple II, II+ and IIE compatibility ALL
Applesoft alter/enhance BBASIC
Automatic line-numbering DTAKE

Beagle Menu, program selector .. BBAG/TYPE
Bell (control-G) modification BBASIC
Block addr. finder ... DTAKE/PRONTO/UCITY
Block addr. print after BLOAD..... PRONTO
Byte Zap disk inspector/editor AMECH

Catalog, ctrl-C break DTAKE/PRONTO/UCITY
Catalog, custom AMECH/DBOSS/UCITY
Catalog, multi-column DBOSS/UCITY
Catalog, two-way scroll DTAKE
Catalog, vol. head. change ... AMECH/DBOSS
Command change .. AMECH/DBOSS/BBASIC
Command hider UCITY
Command Chart TIP1
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Connect two programs DTAKE/UCITY
Control-characters displayed .. DTAKE/UCITY
Control-G bell modification BBASIC
Copy-protected programs NONE
Cursor, omit or replace DTAKE
Cross-reference, variables & line nos. ... DTAKE

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Date Search BBAG
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Disassemblies w/bi-directional scroll ... DTAKE
Disk inspection and editing AMECH
Disk volume heading change DBOSS
Display/presentation utility FRAME
DOS-mover/speed-up PRONTO
DOS Tool Kit font compatibility FLEX
Double Loader, 2 programs in mem. ... UCITY
Drawing programs, hi-res APLOT/AMECH

Eighty-columns... No, how about 70? ... FLEX
ELSE command, follows IF BBASIC
Error message changer BBASIC/DBOSS
Escape-cursor, flashing plus-sign BBASIC
Expanded hi-res type, 20-columns FLEX
Extra disk storage, 15 more sectors . PRONTO
Extra memory (10K), move DOS PRONTO

Faster disk access PRONTO
Fifty-six column text FLEX
File names, trick & invisible ... AMECH/UCITY
Find program line in memory UCITY
Flashing cursor, omit or replace DTAKE
Font editors AMECH/FLEX
Fonts, hi-res APLOT/AMECH/FLEX/TYPE
Frame display, high speed FRAME
Free cash PAGE 9
Free-space during catalog .. DTAKE/PRONTO

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GOTO/GOSUB foll. by variable BBASIC
GOTO/GOSUB foll. by expression ... BBASIC
GPL compatibility ALL
Graph/chart creation ... APLOT/AMECH/FLEX

Hex/Ascii dump with 2-way scroll DTAKE
Hex to decimal converter DTAKE/UCITY
Hi-res drawing programs APLOT/AMECH
Hi-res to lo-res picture converter APLOT
Hi-res switches control BBASIC/DTAKE
Hi-res teaching programs, listable AMECH
Hi-res text APLOT/AMECH/TYPE/FLEX
High-speed 3X DOS FRAME/PRONTO
HSCRN reads hi-res plots BBASIC
HTAB 1 through 70 FLEX

IF-THEN-ELSE command BBASIC
Image segment transfer APLOT
Imprint/superimpose hi-res images APLOT
Integer Basic to Applesoft converter ... UCITY
Inverse REM statements BBASIC
Invisible and trick file names UCITY
Invisible commands in programs UCITY

Key-Cat 1-key selector .. DBOSS/TIP1/UCITY
Kill active EXEC and text files PRONTO
Kill catalog with ctrl-C PRONTO/UCITY

Language card or IIE DOS-mover ... PRONTO
Line finder for Applesoft UCITY
List, bi-directional DTAKE
List formatter DTAKE/BBASIC/UCITY
Locked-up programs NONE
Lo-res to hi-res picture converter APLOT
Lo-res page 2 usage BBASIC



"Hmm-mm... ANOTHER package
from Beagle Bros...
Funny, it doesn't FEEL
like cough drops..."

Many of our customers have
asked why we still sell our disks
by Mail when they are now in
almost every software store.
Well, first of all, we started
Beagle Bros as a mail-order
business, and it just feels good.

Second, a lot of Applers prefer
to buy by mail because it's FAST, and they are
nowhere near any software store.

And third, we pump mail order profits
back into producing this BULLETIN which,
in turn, supports the stores. THAT'S why.

Menu programs BBAG/DBOSS/TIP1/TYPE/UCITY
Merge two Applesoft programs DTAKE
Mixed hi-res colors APLOT
Monitor disassemblies, 2-way scroll ... DTAKE
Music routines AMECH/BBASIC
Negative images from positive APLOT

Peeks, Pokes and Pointers Chart ALL
Picture utilities APLOT/AMECH
Picture scruncher, saves disk space ... APLOT
Printer utilities DTAKE/UCITY
Presentations with your Apple FRAME
Proportionally-spaced type ... APLOT/AMECH
Protect programs BBASIC/DBOSS/UCITY

Relocate DOS to lang. card or IIE ... PRONTO
Renummer Applesoft programs DTAKE
Renummer copyright lines to 65535 ... UCITY
Reverse drawing, bkgd.color opposite . APLOT
Reverse-scroll listings & catalogs DTAKE
Rotatable type APLOT/AMECH/TYPE
Run counter reports no. of executions .. UCITY
Save-protection, disable SAVE DBOSS
Screen editor, text ... BBASIC/FRAME/UCITY
Scroll up and down DTAKE/BBASIC
Scrunch hi-res pix, save disk space ... APLOT
Seventy-column text, no extra hardware . FLEX
Shape fonts AMECH/TYPE
Shape table editor for animation AMECH
"Slide Projector" presentation utility ... FRAME
Sorter of lists UCITY
Space-on-disk during cat. ... DTAKE/PRONTO
Speedy DOS, 3X normal speed PRONTO
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Text, hi-res APLOT/AMECH/TYPE/FLEX
Text page 2 usage BBASIC
Text screen dump to printer TIP1/UCITY
Text screen editor ... BBASIC/FRAME/UCITY
Tip Books APLOT #4/AMECH #5
BBASIC #6/DBOSS #2/UCITY #3

Tips & Tricks Chart DTAKE
Tip programs, 100 on one disk TIP1
TONE command, easy music-writing . BBASIC
Transfer part of hi-res image APLOT
Two-Liner programs AMECH/TIP1
Two-page drawing and typing APLOT
Two-way scroll, listings & catalogs ... DTAKE
TYPE command, prints text files PRONTO
Type, prop. spaced ... AMECH/APLOT/TYPE
Typeface editor AMECH/FLEX

Unattended Apple presentations FRAME
Var./string with line nos. & values DTAKE
Variable value swapping BBASIC
Variable-width text, 20/40/56/70-col. FLEX
Volume heading change in catalog ... DBOSS

Wowzo BBAG
Xlister list formatter UCITY
Zap disks (Byte Zap) AMECH

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- DOUBLE-TAKE \$34.95
- FLEX TEXT \$29.50
- FRAME-UP \$29.50
- GPL \$49.95
- PRONTO DOS \$29.50
- TIP DISK#1 \$20.00
- TYPEFACES \$20.00
- UTILITY CITY \$29.50

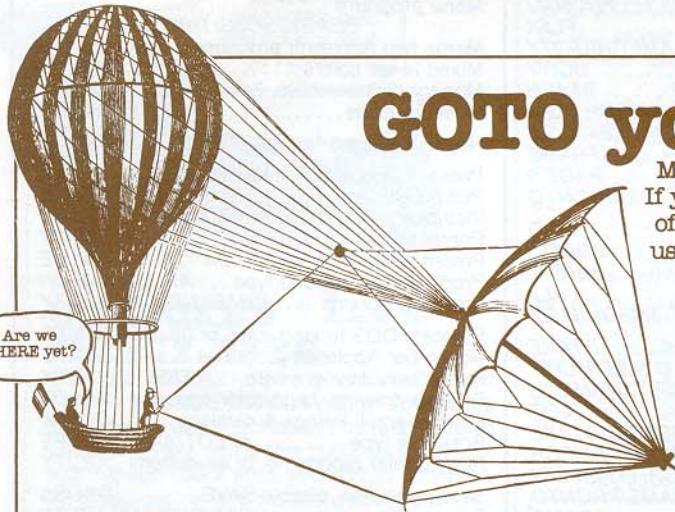
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GOTO your Software Store

Most Apple dealers and software stores carry Beagle Bros software. If your dealer doesn't, tell him to get on the stick— He can have any of our disks in his store for you within a couple of days by phoning us (619-296-6400) or almost ANY Apple SOFTWARE DISTRIBUTOR.

Write your favorite software store's name in this box. Then go there.

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PICK UP THE PHONE and call our Toll Free Order Desk at any hour of any day (U.S.A. only). Our operators are very friendly, but they can't answer technical questions (they think Disk Drive is a street in Toledo), but they will see that your order is SHIPPED IMMEDIATELY. Please be ready with your Visa or MasterCard number and expiration date. We also ship COD for an extra \$3.00.

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