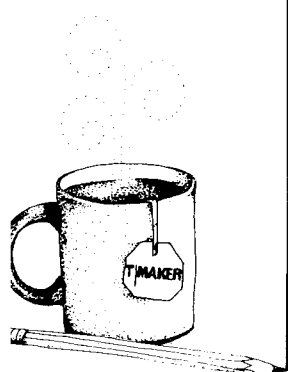


T MUG

T/MAKER USER'S GROUP NEWSLETTER
VOLUME 5, NUMBER 1, JANUARY/FEBRUARY/MARCH 1986

In This Issue

T/Master: What is it?	2
New Upgrade Pricing	4
PC Clone Pricing	5
ClickArt Personal Publisher	7
T/Maker for the Blind	12
T/IPS	16
Automatic Expiration Notices	18
Setting Dates with T/Maker	20



T/Maker Users' Group Newsletter
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T/MAKER NEWSFRONT

-- Heidi Roizen

So much has been going on around here, it is hard to pick a place to start. Please forgive this issue being a little tardy in production -- I think you'll find it worth the wait.

Personnel Changes

We've got a few personnel changes to report. First of all, Robert Simon has decided to form his own software venture, so he has struck out on his own. All of us at T/Maker wish Robert the best in his new venture.

Louise Stanley, a former Apple employee, has recently joined our ranks. She has one of those ever-popular T/Maker job descriptions which includes multitudes of seemingly unrelated tasks and responsibilities. Please welcome Louise next time you call.

T/Master Almost Arrives

Peter has been holed up in his office with his seven computers long enough! We are pleased to announce that the new integrated product for PCs and compatibles, **T/Master**, will be shipping on or about April 15. This issue contains information about **T/Master**, as well as upgrade pricing and ordering information. Of course, **T/Master** is being used to produce this issue of T/Mug. Notice the beautiful justified alignment of this page!

ClickArt Personal Publisher Also Almost Arrives

We have also recently announced a new T/Maker product which brings on-screen fonts, images, and page layout to the IBM PC or compatibles. Called **ClickArt Personal Publisher**, this software line will begin shipping March 17th. Elsewhere in this issue you'll find more info on **Personal Publisher**, as well as order info and a special coupon offer for T/Maker customers.

The Great Hardware Upgrade

Many of you expressed interest in our offer to upgrade hardware with your software upgrade. If you are still interested in such low-cost PCs, please take a look at Royal's article entitled "PC CLONE UPDATE".

T/MASTER: What Is It?

-- Peter Roizen

After five years of using a product, you start to realize what you did right and what you did wrong. T/Master is the first update in the T/Maker line which is not the simple addition of new features. The product has been restyled. Hopefully, it is easier to use and more powerful.

Of course, some price had to be paid. T/Master requires a minimum machine of 256K and will be available initially only for IBM PC's and their clones.

Perhaps the most significant change is the ability to perform more commands from within the Editor. You may use a keystroke to calculate a spread sheet, check the spelling of a word, or justify text in a letter. The same "on line" philosophy has been carried over the database subsystem. You can calculate a record, look up items in other databases, or produce an invoice with a keystroke from within the Update command.

T/Master also makes concessions to the novice user. A menu system may be used in lieu of typing keystrokes and commands. Help is available at any time. There is a special file to help beginners set up a database without needing to understand the role of the <Record> definition. Simple reports can be produced by selecting fields from a menu.

The good old "*What next?*" was not abandoned. You can still set up applications that grind through endless Do commands. There is still plenty of room for experts to demonstrate their prowess.

Here is a list of some of the most interesting changes.

- * Maximum file size varies from about 50K (256K) machine to 450K (640K) machine.
- * Menus and typefaces will use colors.
- * Screen "show" and "noshow" when using "Do" lines
- * On screen bolding and underlining.
- * Optional on screen information line, ruler and menu.
- * Insert current Time or Date.
- * Context sensitive HELP screens.
- * Undo last deletion.
- * Block and zone moves, word delete and other new editing features.

-- continued on next page

- * "Micro Dot" proportional Aligning.
- * Word Wrap (move entire word to left margin on next line.)
- * Soft hyphens.
- * Hard Carriage Return (to impede aligning).
- * Printing multiple copies.
- * Printing a file to disk.
- * Footnote numbering.
- * Even and Odd page Headers/Footers.
- * Protected data base fields date fields and time fields.
- * Multiple and conditional <Rules>, <Reports>, and <References> in a database which can be invoked by keystrokes.

COMPATIBILITY BETWEEN T/MASTER AND T/MAKER:

T/Master will read all T/Maker files as text files. Some of the setups in T/Master, however, are slightly different than they were in T/Maker. The syntax of the spreadsheet is the most changed.

You might want to think of T/Master as being about 90% compatible with T/Maker. However, we would suggest that you start new applications in T/Master and do not attempt to convert en masse the applications you have done with T/Maker until you understand all the differences.

A SPECIAL NOTE TO CP/M AND TRSDOS USERS:

While we're committed to continued support for our current CP/M and TRSDOS products, it became clear in developing T/Master that we were not going to be able to stretch the 8-bit, Z80 processor in your machines any further than we've already been able to do.

While this may not be much consolation, the price of IBM PC compatibles has been dropping significantly. If upgrading to the PC world interests you at all, check out the "PC CLONE UPDATE" article in this issue.

T/Maker and T/Master Upgrades, Additional Unit Prices

We're pleased to announce our new streamlined upgrade policy. These are prices on direct-from-T/Maker purchases for current owners only (no dealers, please).

The most current version of T/Maker is T/Maker Integrated Software version 4.03. Suggested retail \$299 for TRSDOS, all others \$450. This is available for MSDOS, CP/M 86, CP/M, PC DOS, and TRSDOS. You may upgrade from T/Maker II or T/Maker III (any operating system) to 4.03 (any operating system) for \$175.

Likewise, additional copies of T/Maker to run on additional machines are \$175 per copy. Additional TRSDOS copies are \$149.50.

If you wish to upgrade to T/Master Integrated Software, suggested retail \$495, you may do so for -- you guessed it -- \$175. Additional copies of T/Master will also be \$175. T/MASTER IS ONLY AVAILABLE FOR PCDOS AND COMPATIBLES -- watch future issues of T/Mug for other O.S. availability. T/Master will be shipping on April 15th, give or take a week.

For any of these upgrades/additional unit purchases, we would require proof of T/Maker serial number. We will ship COD, or take MasterCard or Visa, or gladly take a check sent in with your order. California residents add 7% sales tax. Shipping is \$6.50 for UPS blue and \$3.13 for UPS ground. And remember, we MUST know what kind of computer and operating system you have! Our number is (415) 962-0195.

Turner Hall Card: 256K Memory Board for \$99.95

Since both the new T/Master and the ClickArt Personal Publisher require or take advantage of more memory, we wanted to alert you to a good deal for a memory expansion board. We've had one in the office for a little while now and it seems to work great.

The Turner Hall Card comes with 256K RAM installed and a clock/calendar with battery backup. Software includes clock driver, print spooler, disk emulator (Made in USA). It will work on an IBM PC, XT, Portable PC, Or Compaq with at least 256K already installed. It does not work with the PC AT.

It's \$99.95 plus \$2.00 shipping and handling (\$12.00 outside US). CA residents please add 7% sales tax (\$7.00). You can order the Turner Hall Card directly from Turner Hall Publishing by calling 800 556-1234 x 526. (In CA 800 441 2345 x 526). They accept MasterCard or Visa.

IBM PC CLONE UPDATE

-- Royal Farros

Last issue, we discussed the possibility of doing a mass-purchase of IBM PC-compatible machines. The idea of a sub-\$1,000 PC seemed pretty radical at the time.

Well, technology and competition have struck again. You can now pick up just about any computer magazine and find a fully configured PC for under \$1000, dimming the attractiveness of a group purchase.

Here are some "unofficial" recommendations on the status of inexpensive PC compatibles on the market:

- * The Epson Equity series seems to be making headway in the market place.
- * The Leading Edge "Model D" has received good reviews from Consumers Report.
- * The Tandy 1000 was the unofficial best selling PC compatible in the market in 1985, due primarily to the incredible distribution and penetration of the Radio Shack chain.

In addition to the above compatibles, which are backed by fairly sizable companies, a whole slew of Taiwanese "clones" has hit the mail order catalogs.

We've purchased five PC compatibles and an AT compatible from an outfit called Supercom Corp, located in Santa Clara, Ca. We've had the PC's for about six months, and they seem to be reliable machines.

We asked Supercom if, in exchange for mentioning their name in T/MUG, they could pass on a discount to T/Maker and T/Master users. Jim Fang, president of Supercom, agreed to a 15% discount off retail on Supercom equipment.

Here's Supercom's line-up:

	Supercom Retail	15% Discount
Standard PC System	\$850.00	\$722.50
256 KB memory, expandable to 640KB		
8 expansion slots		
130 watt Power Supply		
Keyboard		
2 TEAC-55BV floppy disk drives and controller		

Standard System with 10MB Hard Disk	\$1,350.00	\$1,147.50
Standard System with 20MB Hard Disk	\$1,495.00	\$1,270.75
Enhanced PC System	\$995.00	\$845.75
Same as Standard System plus...		
640 KB on main CPU		
Parallel Port		
Serial Port		
Game Port		
Real Time Clock		
Calendar + Battery back-up		
Enhanced System with 10MB Hard Disk	\$1,495.00	\$1,270.75
Enhanced System with 20MB Hard Disk	\$1,650.00	\$1,402.50
Monochrome Adapter	\$90.00	\$76.50
Monographic (Hercules Compatible) with Printer Adapter	\$115.00	\$97.75
Color/Graphic Adapter	\$105.00	\$89.25
Printer Adapter	\$25.00	\$21.25
CGS Monochrome Monitor with Tilt & Swivel Base	\$130.00	\$110.50
TVM Color/Graphic Multidisplay Monitor	\$420.00	\$357.00

Again, we want to stress that this is NOT an official recommendation. We merely want to let you know that there are inexpensive PC's on the market today.

Supercom has asked us to state that these prices could change at any time. If you have any questions about Supercom hardware or wish to place an order, call:

Supercom
3685 Enochs Street
Santa Clara, CA 95051.
(408) 773-9393

Introducing ClickArt Personal Publisher

T/Maker Company is stepping into the desktop publishing arena with a new line of products called *ClickArt Personal Publisher*.

If you've ever looked at an Apple Macintosh and liked the way it handles text and graphics on screen, you're in for a treat with *Personal Publisher* -- because it brings similar capabilities to the IBM PC.

ClickArt Personal Publisher lets you create professional-looking page-layouts through the use of different sizes and styles of fonts, multi-column formats, and graphics tools and images.

It uses a graphical "what-you-see-is-what-you-get" interface to move you from first thoughts to finished layout easily and directly. This interface makes it easy to learn and to use.

We've introduced a whole series of add-ons to make *ClickArt Personal Publisher* even more useful. With the addition of one of the *ClickArt Laser Options*, you can achieve high quality output from some of today's popular laser printers. We've also created many volumes of professionally drawn "clip art" to add images of special events, holidays, illustrated mastheads, cars, people or cartoons to your layouts. Additional fonts in many different styles are also available to enhance headlines and other text requiring large type.

On the following pages you will find a reprint of our ad, as well as a sample page done using *Personal Publisher* with an Apple LaserWriter. We are extending a special pricing offer to T/MUG members for the *ClickArt Personal Publisher* line good through April 30, 1986. -- please see and use the coupon at the end of this section.

Here are some feature highlights:

Text entry features:

- * Cut, copy and paste
- * Insert or delete text
- * Enter text directly or
- * Read text in from an ASCII file

formatting and layout features:

- * flush left, flush right, centered or justified text
- * Automatic align, WordWrap, and text refitting
- * PictureWrap (automatically flows text around images)
- * Vertical and Horizontal rulers
- * 1-4 column automatic layout
- * Variable column widths (even within a column)
- * Individually size or place any baseline

Ten different font families included:

- * point sizes 10, 12, 14, 18, 24, 36
- * medium, bold, italicized
- * serif and sans-serif fonts
- * fonts can be freely changed and mixed

Drawing tools:

- * Straight line tool (in four line widths)
- * Rectangle/box drawing tool (with four line widths)
- * freehand pencil
- * eraser
- * Reverse, flip, invert or duplicate image
- * create and save clip art image
- * Also included are ready-made images for you to incorporate into your documents.
- * And because our images and fonts use the same format as those on the Apple Macintosh, you can use your modem to gain access to the thousands of fonts and images already created for the Macintosh.

Add-On Packs available

LaserWriter Option -- to support the Apple LaserWriter with on-screen fonts and PostScript Output. Suggested Retail \$150.00.

LaserJet Option -- to support the Hewlett-Packard LaserJet with on-screen fonts and 300-dpi typefaces on the 92286-B font cartridge. Suggested Retail \$150.00

ClickArt Personal Graphics -- Offers a collection of over 150 contemporary images of people, animals, cars, and symbols. Rodin's Thinker, Michelangelo's David, Einstein, many styles of arrows and borders, and much more is contained in this volume. Retail price: \$49.95.

ClickArt Publications -- (included with Publisher as intro offer!) -- Over 400 practical images for enhancing business communications. Includes two and three column layout images and a host of illustrated alphabets, maps, cartoons, and phrases. Retail price: \$49.95.

ClickArt Letters /1 -- ClickArt Letters /1 is a lettering system of large alphabets (24, 36, 48, and 72 pt). Perfect for creating the right impact on flyers, overhead transparencies, and posters. Retail price: \$49.95.

ClickArt Letters /2 -- ClickArt Letters /2 contains more large alphabets (24, 36, 48, and 72 pt). Retail price: \$49.95.

ClickArt Holidays -- Whether it's Christmas, Easter, Hanukkah, Graduation or Valentines Day, our holiday disk has images for all occasions. Retail price: \$49.95.

System Requirements:

IBM PC, XT, AT or compatible. Must have two disk drives or one disk drive and a hard disk.

Minimum Memory Required: 384K.

Graphics cards supported (must have one of the following): IBM Color Card, Hercules Graphics Card, EGA.

Printers supported:

Epson, Okidata, or compatibles.

Printers supported through additional option packs:

Hewlett-Packard LaserJet or LaserJet Plus

Apple LaserWriter or any PostScript-compatible printer.

ClickArt Personal Publisher**SPECIAL OFFER FOR T/MUG MEMBERS**

THIS OFFER GOOD UNTIL APRIL 30, 1986

For this offer, please include your name, shipping address, telephone number, and MC/Visa number with expiration, or prepaid check. Also include this coupon!!!

California Residents please add 7% sales tax. Shipping is \$3.13 inside California, \$6.50 other US, \$15.00 overseas.

☐ ClickArt Personal Publisher Base Package \$165.00

☐ LaserWriter Option \$135

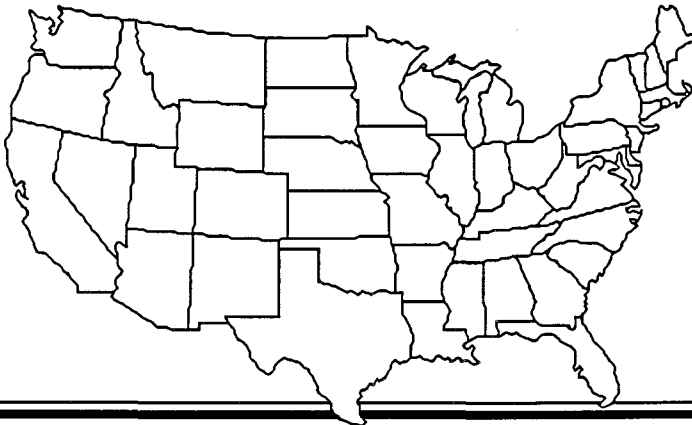
☐ LaserJet Option \$135

☐ Letters /1 \$42

☐ Letters /2 \$42

☐ Personal Graphics \$42

☐ Holidays \$42



Real Estate Insider

The source for information that's ahead of it's time. Vol 3, Issue 1

Property Outlook:

Buying and Selling Land in the 80's

Insiders Buying Up California Hot Areas are West of the Pacific

In the past few years, major corporations have been responsible for quietly purchasing very large and barren parcels of land on the west coast. Insiders

From an investor's point of view, this consistent buying pattern means an investment opportunity of tremendous proportions. The critical issue at this

"From an investor's point of view, this consistent buying pattern means an investment opportunity of tremendous proportions."

from different brokerage houses have confirmed a similar buying pattern, thus suggesting an intimate involvement between the largest players in the industry.

point seems to be where to purchase and in what quantity. Buying too much land too quickly could artificially raise the price of the barren desert land, thus panicking and confusing the

(continued on page 7)

Inside Trades: (What's inside)

- Leverage buyouts: Pros and Cons.....2
- Limited Partnerships: Real Estate Investment Vehicle for the 80's.....2
- The New Tax Code and You.....3
- Letters to the Editor...3
- Underground Breaking News.....4
- Insider Gossip: What's in; Who's out.....5
- Investment Strategies: How to succeed in business without really trying.....6

Turn your IBM PC into a Personal Publisher

Desktop publishing has finally come to your PC with ClickArt Personal Publisher.

Now you can move from first thoughts to finished copy easily and directly—with the professional quality fonts and images, and the sophisticated editing, page-layout and graphics tools of ClickArt Personal Publisher.

The graphical what-you-see-is-what-you-get interface makes creating and editing your layout almost intuitive. ClickArt Personal Publisher gives you sophisticated page formatting ranging from one to four columns, whether you enter your text directly or read it in from a word processing file. Column widths are variable and each line can be individually sized and positioned. There's even a unique PictureWrap feature which flows text automatically around images.

As the first Apple Macintosh picture- and font-compatible program for your PC, ClickArt Personal Publisher gives you access to thousands of images and hundreds of fonts already created for the Macintosh. We've included hundreds of images and a dozen fonts in the basic package.



You can print your results on most popular dot matrix printers such as Okidata and Epson. Or if you want the professional look of near-typeset quality, options are available to support the Apple Laserwriter or the HP Laserjet.

ClickArt Personal Publisher is **\$185** for the dot matrix version. Optional accessories for either the Apple LaserWriter™ or the HP LaserJet™ are an additional **\$150**.

See it at your dealer or call or write us for sample outputs and more information.

ClickArt Personal Publisher requires an IBM PC or compatible with 384K RAM, two disk drives and an IBM Color Graphics or Hercules Monochrome Graphics Card. Mouse recommended but not required.

ClickArt®
PERSONAL PUBLISHER

T/Maker Graphics
2115 Landings Drive
Mountain View, CA 94043
415-962-0195

IBM PC is a registered trademark of International Business Machines. ClickArt is a registered trademark of T/Maker Company. Macintosh is a trademark licensed to Apple Computer, Inc.



T/Maker Available for Blind Users

Mr. Jude DaShiell is a blind user of T/Maker who took it upon himself to make the T/Maker manual available in cassette form. He has agreed to provide this material to other T/Maker users. Here's the procedure.

To order, you can reach Mr. DaShiell at the address below. Please send him a photocopy of your T/Maker serial label, ten voice-grade cassettes, and a post-paid mailing container with sufficient postage for him to return the cassettes to you.

He will also be making the 1985 T/MUG issues available on diskette to any legally registered user of the Versatext Turnkey System who purchased it through Telesensory Systems, Inc. (All who purchased their Turnkey systems through T.S.I. received the T/Maker package as part of this system.) To get this, send your proof-of-purchase with a formatted blank diskette and a postage-paid disk mailer.

His address is:

Mr. Jude DaShiell
Box 138
Delaware Valley College
Doylestown, PA 18901

The following is an article he wrote to describe the turnkey system for the blind of which T/Maker is a part.

VersaText Turnkey System

-- Jude Dashiell

The Bad Old Days . . .

They first started when Louis Braille found that although he could write in Braille on Braille paper he couldn't effectively erase his mistakes! For those using Braille paper today it is possible to conceal a mistake temporarily, but you still can't erase mistakes.

It is no surprise that when employers or teachers want printed material, they almost always require it in ink -- that is eye-readable form. Using pens or pencils does not always produce accurate and legible results even for those who can see -- they produce even poorer results for the blind community most of the time.

Typing technology for blind use, when it became available, improved the situation a little. The procedure for producing a written report if you have a Perkins Brailler and a typewriter:

1. write the entire report in Braille,
2. proofread your report to find pages with errors,
3. save all pages without errors,
4. copy each page with errors, and omit the errors,
5. after each error page has been copied, tear out the original flawed sheet,
6. proofread your report again, repeating steps 2-5 if necessary,
7. when all things in the braille report are correct and you are saying what you mean in the most effective format, you transcribe your report onto the typewriter,
8. if your concentration is perfect and you don't get a phone call that must be answered in the middle of this transcription and if you catch the remaining possible typos you finally come out with an acceptable product!

Otherwise, your typing gives the impression that you don't care about what comes out of your typewriter -- and since there is almost never sighted help available when needed, you may be under the mistaken impression that your output is pretty good when this may be the farthest thing from the truth.

Say Hello to the 21st Century!

To help remedy the above situation, the Versatext Turnkey System was developed. It consists of an Ampro computer; a Smith-Corona 1-1000 printer, a Versabraille PC, and essential cabling. Then there is the Versatext software.

The software package comes with an audio cassette as well as a Versabraille cassette. Even if you are using only the computer you must have a cassette in the Versabraille system to load the overlay for the computer terminal.

There is a one-line display on the Versabraille machine -- I suppose the analogy to this would be the display window on your pocket calculators, except that the readout is in changeable metallic Braille dots. I have an advance bar to advance the display through the text and a backup key to use to re-read previous material. I have made some mistakes in this article, yet it is possible for me to correct them the same way you do with T/Maker, which is what I am using to write this article!

When I use Versatext, the entire approach is different.

Read All Directions Before Leaving the Airplane!

Versatext is one system where it is necessary to read the beginning two chapters before you can get started. The instructional approach with the software is hands-on and tutorial. At the end of each chapter you find exercises which should be completed before going any further. If you successfully complete the present chapter's exercises you can rest assured you are prepared to move on to the next chapter.

The first thing that comes up on the Versatext software is its copyright message (which can be suppressed) and a menu that if it were translated into print would look like this: <c/f/h/i/n/t/u/v/z>. The inequality signs show the beginning and end of the menu. The slashes separate the choices in the menu. The key for the choices is as follows:

(c)--correspondence mode (used when writing letters)

(f)--file manipulation mode (similar to but not as good as Ampro's Assist Command)

(h)--displays a listing of the available help menus (access to the help option must be done when in either text or edit mode)

(i)--input/output communications mode (can help check printer interface and also do communications with a modem provided files are Versabraille format)

(n)--non-document option (helps with form filling)

There is a mini-language that must be learned to build small programs which can produce forms from the contents of the program and print them properly on the printer. It can also work with pre-printed forms provided the printer coordinates are in the program along with the Versabraille prompts that will request information. It requires help from an experienced sighted typist for the coordinates to be right on a pre-printed form, along with a few blank copies to be used until the coordinates are exact.

(t)--text mode (the option used when you want to write a report)

(u)--update parameters option (allows numerous parameters to be updated by the user, including printer margins. There is a provision for updating for Braille output devices that write on Braille paper as well.)

(v)--mass transfer option for the Versabraille (used when you have either a disk that needs to go onto Versabraille tape or a file on Versabraille that needs to go onto disk.)

(z)--CP/M option (this just sends you to the CP/M option where you have direct access to the operating system.

The reason for the title of this section should be apparent by now. The system has only a 20 character single line display and if someone were to read these

after a copyright message without having read their instruction manual, there would be a large amount of mystery as to their meaning. Where necessary, sub-menus are supplied and must be used. Versatext is good for reports and letters but as you can see, it has no provision for any sort of mathematics. Luckily, both T/Maker and The Friendly program from Ampro came with the computer as part of Ampro's bundled package.

The Versatext Program

The Versabraille base system is not cursor addressable. Its cursor is always one space to the right of the latest symbol that has been entered, unless of course you are correcting text, in which case it is on top of the incorrect letter to write over. You can delete characters with Versabraille in two ways: (1) delete a single character or word (depending on which keys you push), (2) delete the entire page or screen. The Versabraille system allows only one type of insert to be done.

In contrast, the Versatext program has more refinements. There are two insert modes (character or mass insert) and three delete modes (character, word, or everything in the file to the right of the cursor.) Versatext has the capability to do block manipulations between files and from one place to another in any file. The software was written to deal with the interactive equipment which blind people use. (Versatext was written by Jerry Neufeld of Ottawa Ontario Canada.)

The Versatext turnkey system costs a bit over ten thousand dollars. Further, you must listen to synthetic speech devices for four weeks, seven days a week for twelve hours a day before you can understand enough of what is being said for any of the equipment or software to be of use at all. Even when your ear does become accustomed to the speech, the output device will still butcher computer terminology! Listening to two hours of synthetic speech is equivalent to listening to 24 hours of lectures given by a boring economics professor -- both will put you to sleep! The insomniacs of the world could do well by buying something that produces synthetic speech for a computer, but it doesn't help anyone involved in serious work. I know I didn't have four weeks available in the middle of a semester of college in addition to the time that would have been needed to learn the system, and I don't think anyone else does either.

I managed during my learning of the system to get T/Maker's spreadsheet to work. After having managed to do this and having informed Telesensory System's Inc.'s Chris Gray of this, he said that I was possibly only one of three people in the world that had managed to do this! TSI does not encourage the use of Friendly or T/Maker because the machines do not adapt well to continuously scrolling menus.

T/IPS

-- Kenric W. Hammond, M.D.

I have enjoyed getting the T/Mug Newsletter, and feel particularly fond of the thought of others out there savoring the convenience, simplicity and flexibility of T/Maker. I use T/Maker at work, too, in a busy hospital office. Because of its adherence to ASCII format, it interfaces well with our hospital computer system. Using public domain modem software we set up a CP/M machine to emulate a Qume QVT-102. I have since done exactly the same thing with an IBM PC and ASCII Pro modem software to emulate DEC's VT-100. Anything the hospital system outputs can be processed with T/Maker, no sweat. Below, are two T/ips picked up at work and home that I'd like to share.

I. Industrial-Strength File Handling

This may be old hat to some, but I found that T/Maker can handily process a whole diskful of files automatically with a looping 'DO' command. The first step involves redirecting console output to a file on disk with CP/M's PUT command or DOS's '>' syntax. This can then be edited into a stack of 'DO' lines, saved as a file called 'DO' and then, naturally, 'DONE'.

The way I have set it up in Example I, the program will run on its own, changing each file in turn. When 'DONE', this "Command" file will execute itself repeatedly, inserting a file into a certain section of many files, and saving the results. In this particular example, a "Vital Signs" section was inserted into a series of checklist forms used in a medical office. Note that the first 'save' stores a decremented version of the file called 'DO' which is subsequently called. The 'bak' created when each processed file is saved is deleted to avoid crowding the diskette.

EXAMPLE I.

```
s g alco.fin find hysical insert vitals s delete alco.bak g do do
s g anem.fin find hysical insert vitals s delete anem.bak g do do
s g arth.fin find hysical insert vitals s delete arth.bak g do do
s g brea.fin find hysical insert vitals s delete brea.bak g do do
s g canc.fin find hysical insert vitals s delete canc.bak g do do
s g card.fin find hysical insert vitals s delete card.bak g do do
s g cere.fin find hysical insert vitals s delete cere.bak g do do
s g foot.fin find hysical insert vitals s delete foot.bak g do do
s g immo.fin find hysical insert vitals s delete immo.bak g do do
s g impe.fin find hysical insert vitals s delete impe.bak g do do
s g uppe.fin find hysical insert vitals s delete uppe.bak g do do
s g urin.fin find hysical insert vitals s delete urin.bak g do do
s g visu.fin find hysical insert vitals s delete visu.bak g do do
```

This method also facilitates manual editing of a range of chapters, documents, or letters. The 'semi-automatic' mode is achieved by typing 'S G DO DO' after quitting the editor. This helps avoid losing track during a big editing job and skipping a file.

EXAMPLE 2

```
s g alco.fin find Vital e
s g anem.fin find Vital e
s g arth.fin find Vital e
s g brea.fin find Vital e
s g canc.fin find Vital e
s g card.fin find Vital e
s g cere.fin find Vital e
s g foot.fin find Vital e
s g immo.fin find Vital e
s g impe.fin find Vital e
s g uppe.fin find Vital e
s g urin.fin find Vital e
s g visu.fin find Vital e
```

One should only do this type of work on files that are backedup. If you have one, set the task up on a RAM disk to speed the process considerably.

II. T/Maker and File Manager

The Veterans Administration hospital where I work has a patient information system running in MUMPS on a DEC PDP 11-44, using a data base system called File Manager. Originally developed in the VA, File Manager is a widely used set of public domain programs with great utility in creating data base applications. It is used in 172 VA hospitals and clinics and in a variety of other non-VA medical settings and businesses.

FileMan, like T/Maker communicates in vanilla ASCII. FileMan outputs can be easily set up for use by T/Maker. It is quite straightforward to print a series of form letters for a set of patients selected from the hospital database, using LOAD brackets or a <RECORD> definition followed by properly formatted output.

T/Maker has been handy for setting up training manuals, handily editing captured User-Machine dialog for inclusion as examples with our instructions. We use T/Maker to produce distribution copies of a on-line Hospital Policy and Procedure Manual, paginated, with a table of contents. T/Maker has also been useful in preparing presentation quality reports using data produced by the mainframe.

The computer system manager has been very sympathetic to our use of microcomputers, because it makes efficient use of his busy system. We think that the compatibility of T/Maker and FileMan have great potential for combining the best benefits of desktop processing and institutional data bases.

Automatic Expiration Notices

-- Arnold "Gus" Korman

I notice that someone had marked the address label on my last copy of T/MUG in red to indicate that my subscription had expired. I also notice that it was "writ by hand"!! I think I have a better way. I maintain a mailing list for a club and use the following method to automatically inscribe labels when yearly dues are due.

The command is:

```
set delete mail.dtb rename mail.dtb s get mail.lab do
```

```
FILE NAME = "MAIL.DTB"
```

A FILE TO CREATE A DATABASE FOR A MAILING LIST

```
<form>
FIRST NAME: {first           }|
LAST NAME: {last             }|
STREET: {street               }|
CITY: {city                   }|
STATE: {#state}|
ZIP: {zip}|
EXPIRATION DATE: {xd}|
<end>
<rules>
message = " "
message = "SUBSCRIPTION RENEWAL DUE" when xd < 8512
<end>
<record>
1 {first           }
2 {last             }
3 {street           } }}
4 {city             } }}
5 {#state} }}
6 {zip} }}
7 {xd} }}
8 {message           } }}
<end>
```

Note that the "EXPIRATION DATE" is entered in the form of "YYMM". Once data is entered in the data base, quit the editor and at the famous "WHAT NEXT?" prompt enter "do" and labels will be produced that warn all delinquents automatically.

The following is the file I use as "MAIL.LAB" to produce labels with warnings.

```
select mail.dtb end 12 p nonstop it
```

```
FILE NAME = MAIL.LAB      A FILE TO CREATE A MAILING LABEL W/WARNING
```

```
<record>
.new
{xd} {message              }

{!first      } {last      }
{street      }           }
{!city       } {#state} {zip}
<end>
.pagesize 6
..<here>
```

* * * * *

Proud of Your Use of T/Maker? Send It In!

Have you solved the world's problems with T/Maker? Well how about just your business problems? If so, send in an article on disk and on paper describing what you've done. We'll print it and send you one of our great trinkets in return. Past trinkets have included teeshirts, pens, mugs, or keychains. We might even give FREE T/Master upgrades to article writers. Send submissions to us at the address on the cover.

Setting Dates With T/Maker

-- Bert Zitek

One thing always leads to another. A T/Mug article, "Using Dates with T/Maker" by Robert Simon in Vol. 4, Number 1 started me thinking that there must be a way to initialize a file using the date that most computers maintain.

Knowing that T/Maker will read and write ASCII files I wrote a seven line basic file to read Date\$ from the computer and write it to a file called "DATE".

The basic program and the "DATE" file are kept on drive A. That way if I change data disks today's DATE is always available.

I use a sequential data file because it stores data in ASCII. The basic program is shown here:

```
10 OPEN "O",#1,"a:date"
20 A$ = "{date!  }"
30 B$ = DATE$
40 PRINT#1,A$
50 PRINT#1,B$
60 CLOSE
70 SYSTEM
```

This is what the "DATE" file looks like:

```
{date!  }
12-03-1985
```

When booting up the computer in the morning, an autoexec.bat file updates my T/Maker "DATE" file with today's date.

```
date
basica iodate
tmaker help
```

Using the following "do" line and "rules" the files I enter today are stamped with today's date and it isn't necessary to type today's date into each file.

"transfer a:date set insert transfer.do s help"

```
<rules>
..      {date>  }
date    = "11-27-1985" when date = " "
<end>
```

The comment line periods in the rules allow T/Maker to overlook what would otherwise be considered an error.

The transfer.do file is a duplicate of the do line so that it will be there the next time.

This can also be used with do lines and the select command, such as:

```
"transfer a:date 2 do"
"select bod when date = " {date> } " end
    compute find .clean print it help"
```

I also use the "DATE" file to automatically enter the date into daily reports that are created with "do" lines so that I don't have to stop and enter today's date.

```
.top 2
..      {date> }
      B.O.D. - Page # -

              Hotel
              Deposit

.end
..      {date> }

      1986 BOARD OF DIRECTORS MEETING RECEIPTS

              Hotel
              Deposit

ex                      9,999.99
zv                      -

..<here>

=      TOTALS
```

T/Maker Consultants

T/Maker consultants are members of our user community who are willing to help you with your applications for a fee. Please contact them directly for any further information on their work.

Don Baack, 6495 S.W. Burlingame, Portland, OR 97201, (503) 244-2741, TELEX 277331 SMA UR: Manufacturing; operations analysis; cost accounting; inventory control; timber and wood products.

Dick Danielson, Strategic Advisory Consultants, Inc., P.O. Box 137, Star Prairie, WI 54026, (715) 248-3434: Fully integrated accounting system including general ledger, financial statements, accounts receivable, account analysis, operations analysis. Multiple divisions, accounts, and ledgers can be accommodated.

Gus Korman, English Only Computer Co., 5222-1 Lindley Ave., Encino, CA 91316, (818) 344-2422: Accounting system including many of the most popular accounting modules.

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Elyse Sommer, Box E, 962 Allen Lane, Woodmere L.I. NY, (516) 295-0046: Text-related data base use; custom macros with keyboard enhancers; on-screen writing "helpers" for correspondence, reports, manuals; fact sheet outlines; phrase files; boiler plate.

Emil Widmer, CFM, Baarerstrasse 45, Postfach 708, CH-6301 Zug, Switzerland, tel:042 21 08 87: consulting on management of uses of computers, management seminars using T/Maker in Switzerland and Germany, engineering and design, production engineering, personal resources, finance.

Robert D. Williamson, Can-American Electronics, 7220 Taft Street, Hollywood, FL 33024, (305) 966-5588: Small business and manufacturing software. Hardware.

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