

Logo Call: How  
to Choose Your  
Trademark-p. 26

Is Telecommuting  
Taking Off?-p. 32

Non-Friction Book  
Publishing-p. 36

FEBRUARY 1993 \$2.50

# COMPU SERVE

M A G A Z I N E



*Hang Onto Your Hats, Folks...*

**FAVORITE**

**FILES**

**MANIA**

**RETURNS!**

*It's Bigger and Better than Ever*

*With More Than*

**300**

*Listed Inside*

DOWNLOADABLE GOODIES



# Questions?

Is there an alternative procedure for amniocentesis?

What software will link laptops to LANs?

Which should I buy: Ford Explorer or Jeep Grand Cherokee?

Are there articles on how to finance a franchise?

Is there a summary of who should get a flu shot?

Any new ideas on collecting delinquent accounts?

What should I consider when saving for my kid's college education?

## Answers.

With so many tough questions, where do you find the answers?

Right here.

Need an insight into regional, national or international business? *GO BUSDB for Business Database Plus.*<sup>™</sup>

Need to be in-the-know on computers and computing? *GO COMPDB for Computer Database Plus.*<sup>™</sup>

Need the latest on health, diet, fitness or medicine? *GO HLTDB for Health Database Plus.*<sup>™</sup>

Or how about the facts on movies, music, personal finance, people, cars, current events, or almost any general-interest topic?

*GO MAGDB for Magazine Database Plus.*<sup>™</sup>

We've created the ultimate family of magazine databases to answer your tough questions. With easy access to over 1,000,000 articles from more than 500 magazines, you'll get your answers fast.

So, any questions?

Information Access

COMPANY

Is upgrading my 286 worth the trouble?

Which defense contracts has AAI Corp won?

What has Jerry Garcia been up to?

What's new in the lawn and garden supply industry?

How can I get my baby to sleep through the night?

Are there any reviews of Madonna's latest book?

How do I care for my child's croup cough?

Are there simple tutorials on customizing Windows?

Are there articles on planning quick and easy low-fat meals?

What are the low-cost alternatives when wiring network hubs?

Which recording of Brahms Concerto in D Minor should I buy?

New MDP Users in February Get First Two Articles FREE!

Go MAGDB for details.

What is the latest research reported in the trade press on recycling plastics?

Are there recent articles on new treatments for allergies?

How much did Value City Department Stores pay for Gee Bee?

How about tips and techniques on writing my resumé?

Can I find a comparative review

Wouldn't you like to

# TRUST

travel information to be the most accurate and up-to-the-minute?

Connect to the Source...  
The OAG ELECTRONIC EDITION®  
Travel Service.

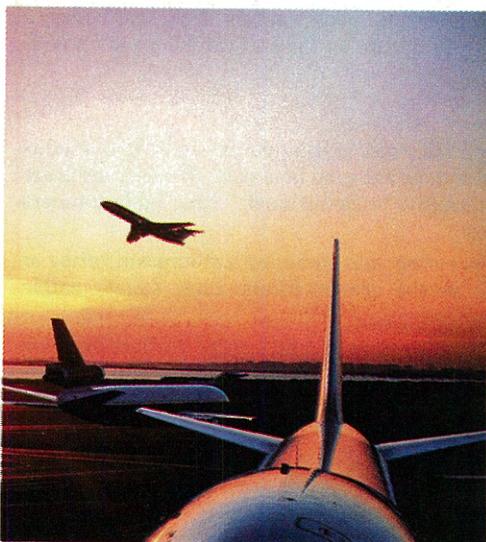
In the world of travel information, one company stands alone, on top of the information pyramid, as the trusted source for the entire travel industry—Official Airline Guides. The OAG ELECTRONIC EDITION Travel Service is your access point to a world of first-hand travel planning information you can trust.

#### GETTING YOU THERE

OAG goes beyond the usual static display of scheduled airline service with our **arrivals, departures** and **gate** information database. You'll see real "live" information updated every 10 minutes.

Another OAG advantage is having the very latest fares, seat availability and cancellation penalties, including advance purchase and minimum stay requirements, **on one screen** for easy viewing.

Wherever you need to go, whenever you need to be there, whatever your budget, you can trust making your travel plans with the source the industry relies on.



#### GETTING THE FACTS

With the OAG ELECTRONIC EDITION Travel Service, everything is covered...so when you're packed, you're prepared. From Hotels and Restaurants to Special Events and Holidays. Electrical and Clothing Requirements to Currency Exchange Rates, Tipping and more!

#### POINTS OF INTEREST & RECREATION

You can trust OAG to give you wonderful things to see and do. The **Official Recreation Guide** features museums, landmarks, tours, sporting events and so much more. We'll even tell you the geography and current **Accu-Weather** forecasts.

#### GET THE BEST VALUE IN TRAVEL PLANNING

Cruises to Customs. Frequent Traveler Information to complete Travel Industry News. All this and more, plus it's **fast and easy to use**. The OAG ELECTRONIC EDITION Travel Service is unquestionably the best value anywhere. You'll not only save time and get the lowest air fares, you'll enjoy taking complete control of your next trip.

Start today with travel planning information you can TRUST.

## GO OAG

For Your Free HOW-TO-USE GUIDE,  
Call 1-800-323-4000.

**OAG**® Electronic Edition®  
Travel Service

Connect To The Source.

# CONTENTS

## FEATURES

### Feature Story

#### 10 It's Baaaaaack! Favorite Files Mania II

*CompuServe Magazine's* king-sized assortment of downloadable forum goods returns with enough informational potency and shareware socko to cause your hard drive to hide in a corner. The time-tested and the brand new are here, amidst five helpful categories: Communication, Education, Graphics, Personal Productivity and, yes, Leisure. Includes: Tales from the Download; file indexes; contributing and retrieval tips; new feature File Clusters.

### Personal Enterprise

#### 26 What's in a Business Name?

The future, that's what. A company's identity so represents its prosperity and potential that corporations spend millions for the services of name-recognition experts. If you don't have that kind of dough, online forums and databases can help you pick and protect a trademark. Also: Buzzwords; go-go logos; forum files and trademark databases.

#### 32 Cheaper, Cleaner and Happier: Telecommuting gives workers a charge, bosses a breather and the environment a break. An update on the still-catching work trend.

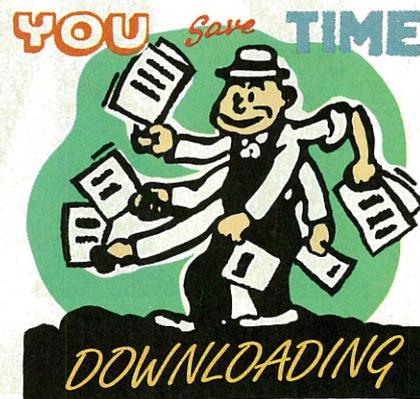
### Random Access

#### 36 Footnote to Success

In a publishing world gone completely Hollywood, getting published or even read is getting harder. Writers with books under their hats and laptops under their arms are finding online connections a prolific alternative to "doing lunch." Plus: Table manners at Lit Forum's "street café;" forum files.

#### 40 Maitre D+: Everyone's got an opinion on eating, and obtaining a restaurant rating or suggestion while traveling is as close as the nearest forum. Plus: Zagat's online database.

#### 44 Cartoons Get a Tune-up: What's up, doc? Animation and comics' earliest fans are blasting the ink-and-paint art into adulthood. With: The Simpsons' online sentinel; cel appreciation.



DAVID BUTLER

Oodles of laudable uploads—p. 10



JUANA SILCOX

The makings of a trademark—p. 26

### Too Hot to Print

► Catch computer industry news as it happens, read special reports, commentary and more product reviews. You'll find it only in *Online Today*, a daily updated newspaper.

Behind the Screens	OLT-130
CompuServe This Week	OLT-50
Online Today Guide	OLT-5
Product Reviews	OLT-200
Today's News	OLT-90

## DEPARTMENTS

3	Dear Reader	50	Book Reviews
4	Letters	54	Readers' Writes
6	Monitor	56	Update: Last-Minute News
48	Hardware and Software Reviews		

*CompuServe Magazine* (ISSN 0891-4672) is published monthly in the United States of America by CompuServe Incorporated, 5000 Arlington Centre Blvd., Columbus, OH 43220. Canadian GST registration No. R127010582.

# COMPU SERVE

M A G A Z I N E

CompuServe® Magazine™, February 1993  
Volume 12 Number 2

**Publisher**

Calvin F. Hamrick III

**Editorial Director**

Richard A. Baker

**Editor**

Douglas G. Branstetter

**Art Director**

Thom Misiak

**Managing Editor**

Kassie Rose

**Senior Editor**

Mary Mitchell

**Assistant Editors**

Christopher J. Galvin, Michele D. Kinnamon

**Design Coordinator**

Dorothy Hogan

**Production Coordinator**

Drew W. Holland

**Senior Writer**

Cathryn Conroy

**Contributing Editors**

Charles E. Bowen, Hardin Brothers, John Edwards,  
Holly G. Miller, Michael Naver

**Copy Editor**

Kacy Cook

**Proofreader**

Mej Stokes

**Electronic Publishing Supervisor**

Susan Toombs

**Production Assistant**

Jody Mye.s

**Editorial Assistant**

Bobbi Dominick

**Editorial Intern**

James A. Baumann

## ADVERTISING

**Associate Publisher**

Peter A. Scott, 5000 Arlington Centre Blvd.,  
Columbus, OH 43220; 614/538-4325; 70003.3731

**National Sales Manager/Electronic Mail**

Keith Arnold  
614/538-3519

**Mid Atlantic**

Jennifer Stothers  
212/366-0393

**Midwest and West**

Tom Emmons  
614/538-3509

**Direct Connection**

Meghan Obert  
614/538-4031



Copyright©1993 by CompuServe Incorporated, an H&R Block company. All rights reserved. Contents may not be reproduced in whole or in part without written permission of publisher. *CompuServe Magazine* (ISSN 0891-4672) is a registered trademark of CompuServe Incorporated. Printed in USA by R.R. Donnelley & Sons Co., Chicago. Subscriptions: United States, AFO—\$30 one year; Canada and elsewhere \$40 one year. Single copies \$2.50 in U.S., AFO and Canada. Telephone: 614/457-8600. *CompuServe Magazine* assumes no responsibility for return or safety of unsolicited matter. Direct editorial correspondence to: Editor, *CompuServe Magazine*, P.O. Box 20212, Columbus, OH 43220.

## Dear Reader

If you were a CompuServe member in early 1991, it's likely you'll recall when *CompuServe Magazine* published the first "Favorite Files Mania" issue—a compendium of more than 200 downloadable goodies squirreled away in forum libraries all over CompuServe. That June issue was indeed a favorite with readers—so much, in fact, that we decided to bring it back and expand it. Ergo, "The Son of Favorite Files" begins on page 10 and marches through 14 more pages filled with classic programs, new programs, information-filled text files, hidden gems, shareware and public domain-ware gathered hither and yon from CompuServe's forums.

Much has changed in the forum libraries during the brief year-and-a-half since the first Favorite Files issue. Scores of new forums have opened and thousands of new and updated files have appeared systemwide. In "Son of Favorite Files" you'll find about 350 files that operate from all major platforms and systems and cover five main subject areas: communication, education, graphics, leisure and personal productivity.

Work on the massive file-collecting project began several months ago and was undertaken with a poll of sysops and forum members to gather high-quality input and recommendations for the list. From there it was a matter of sifting and sorting, drafting file descriptions and notifying sysops about nominated files—an imposing job coordinated by *CM's* San Diego, Calif.-based contributor, Andy Rathbone and Senior Editor Mary Mitchell.

We hope you enjoy "Son of Favorite Files" and find new programs and text files that add to your profit and pleasure on CompuServe. *CM* has made every effort to ensure that files listed here are viable and presented in the format and filename listed. Occasionally, however, a few files stray from the pack and undergo name changes, are moved to different libraries, and are updated or withdrawn by the uploader (file owner) in the interim between list assembly and publication. If you can't find a listed file, we suggest you try the File Finders (GO FILEFINDER) or leave a message with the forum sysop asking for help in locating or making complete use of the file. If you still have problems after that, write to us at 76004,3302; we'll try our best to solve the problem.

\* \* \*

More good news for Favorite Files lovers...

We are using this month's cover package as a springboard for a reconstituted "Uploads" section, a column that used to appear regularly in the pages of *CompuServe Magazine*. The new version is called "Downloadable Notables," and starts next month. DN features as many sampler-style Favorite Files as comfortably fit into two pages. The file-gathering and qualitative process is similar to the one that gave birth to this month's cover story, albeit on a smaller scale.

Downloadable Notables also offers a monthly File Cluster column, similar to the one on page 24. "File Clustering" simply involves choosing a rather random keyword (e.g. ELVIS) and letting File Finding nature take its course. The results are sometimes surprising—and always interesting.

Douglas G. Branstetter  
Editor

**President and Chief Executive Officer** Maurice A. Cox **Executive Vice President, Information Services** Barry F. Berkov **Executive Vice President, Support Services and Chief Technical Officer** Alexander B. Trevor **Executive Vice President, Network Services** Robert J. Massey **Senior Vice President, Market Planning and Development** John E. Meier **Vice President, Product Marketing** Dave Eastburn **Vice President, Human Resources** Judy S. Reinhard **Senior Vice President, Administration** Herbert J. Kahn **OFFICES International Headquarters** 5000 Arlington Centre Blvd. Columbus, OH 43220 Tel. 1-800-848-8990 (within the United States) 1-614-457-8650 (outside the United States) **Australia/New Zealand** Chatswood, New South Wales **Germany** Munich **Japan** Toyko **Korea** Seoul **South Africa** Lynnwood Ridge **Taiwan** Taipei **United Kingdom** Bristol

## Future Watch

I enjoyed the feature article, "A Once and Virtual Future," (p.10) in the December issue of *CompuServe Magazine*. But like many other articles, television newscasts and some TV commercials, you have jumped the gun on 21! The year 2000 is not in the 21st century. It is the last year of the 20th century; the 21st century doesn't begin until Jan. 1, 2001.

Budd Churchward  
Grapeview, Wash.

I read "A Once and Virtual Future" by John Edwards with interest. The predictions of where technology is going can become a test of one's imagination and knowledge of technological trends. Several of the people interviewed predicted what the near future might hold. Many publications have solicited expert opinions on this subject over the years, but rarely is there follow-up to see how those predictions turned out. I'd like to revisit this article in 10 years to see if they were correct or if they misjudged the future.

Tom Kopke  
Orlando, Fla.

## Singles Life

I read the December issue's article, "Singles Together" (p.42), about single people and the Human Sexuality Open Forum, and was impressed that the author referred to gays and lesbians as normal people and directed them to relevant parts of the forum. It seems like a small thing, but most services and businesses don't realize we represent perhaps one out of every 10 customers.

Steve Perry  
Detroit, Mich.

## Golden Compass

I am disappointed that the article "The Meter's Not Running (As Long)" in the PC Special Insert (December, p.10) did not discuss the Golden Compass program for OS/2. I used TAPCIS for several years, but find Golden Compass much more powerful. Not only do I get the power of OS/2 that allows me to use other programs while downloading messages, but I also can begin reading messages while downloading from other forums.

Excellent support is provided by author Larry Finkelstein in the IBM OS/2 User Forum (GO OS2USER).

Jeff Parker  
Sunnyvale, Calif.

## More Modems

After reading the excellent article on modems ("Fast-Track Modems," November, p.16), I was surprised to not see the Intel SatiFAXtion line of modems. They are not only great 4800-bps modems but great faxes as well.

I own a SatiFAXtion/100 modem/fax and recommend it to anyone. Intel has a forum on CompuServe (GO INTELFORUM) for solving technical problems quickly.

Ricardo M. Coppola G.  
Caracas, Venezuela

## Mercury Network

In reference to "New for U.K.: Mercury Network" (Monitor, November, p.6), about U.K. access networks, I find that the cheapest access is to use nonprime-time access and to make an ordinary trunk call (via Mercury) to the CompuServe London number. This number offers enough of a savings in communications charges (nonprime carries no communication surcharge) over the network charges (whether GNS Dialplus or Mercury 5000) to more than pay for the trunk call at Mercury rates. This is largely due to the pound declining in value against the dollar (network access is charged in dollars, and even nonprime is charged at \$4.20/hour plus local call charges at approximately 96 pence/hour). The London number has the advantage of 9600-bps access, although the savings is effective regardless of bps rates.

At the present rates, the savings offered by accessing CompuServe from outside London via Mercury amounts to approximately 1.4 pounds sterling per hour, or 35 percent of the total cost of access to basic services.

Angus Lamont  
Upton Poole, England

## Kudos

I had to take a minute to commend the editors and writers of *CompuServe Magazine* for an outstanding job. The breadth of topics, the practicality of its content and the undercurrent of humor make for the best "member publication" I've ever received.

I found October's article on newsletters ("The Newsletter Boom," p.40) especially helpful, and I tabbed eight items in the November issue for follow-up. While these kudos are belated, they're no less sincere. You're doing a great job of expanding interest in the online universe.

Denise Modrick  
Stroudsburg, Pa.

Just when I finally cut my forum usage down to the bare minimum and still satisfy my online craving, you come out with the "I Didn't Know I Could Do That on CompuServe!" issue (October). Now I think, "That's a file I just have to get" or "I have to check out that forum."

Your magazine is very good at instructing us in how to reduce costs, but articles like that just make me want to spend more time online. Your regular features are already enough to get me interested in new sections, but that issue? Dynamite!

Marcy Dryden-West  
Riverview, New Brunswick, Canada

I live in Colombia, South America, and have long been a CompuServe member. I want to thank you for a good magazine, one that allows us to find better ways to use CompuServe. It was through your magazine that I recently discovered TAPCIS, which now allows me to participate in forums. Previously, I only used the service to watch my stock portfolio.

Antonio E. Senior  
La Guajira, Colombia

## Offbeat America

As a new CompuServe member, I thoroughly enjoy using the service and receiving *CompuServe Magazine*. I noticed an article in the September issue entitled "America's Weird, Wild, Wacky Stuff," featuring Roadside America in Shartlesville, Pa., which is just an hour from my home. This place is really neat!

The article also mentioned South of the Border in South Carolina, which I visited as a child on trips to Florida. This is another example of rural Americana at its best.

David E. Kingsborough  
Harrisburg, Pa.

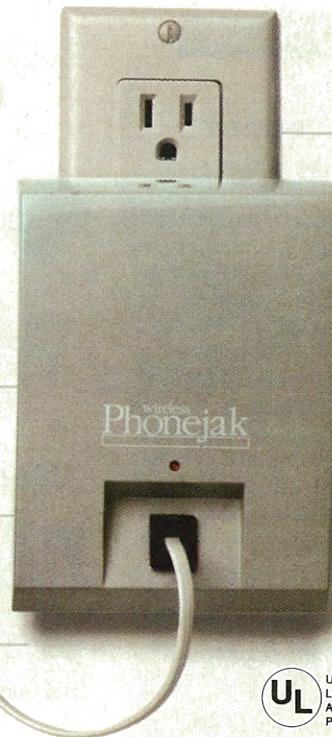
## Send a Letter

Send your letter to the editor by CompuServe Mail to 76004,3302. A \$25 connect credit is given to the writer of each letter published. *Sorry, we cannot acknowledge letters or answer questions through this service.* Please use CompuServe's Feedback system (GO FEEDBACK) or call 800/848-8990 (U.S. only) for questions, problems, address changes, etc. A representative from Customer Service will be glad to help you.

# New High-Tech Phonejak™ System Turns Any Electrical Wall Outlet Into a Phone Extension!

**INSTANTLY USE UP TO TWENTY TELEPHONES AND TELEPHONE DEVICES STATIC-FREE THROUGHOUT YOUR HOME OR OFFICE – EVEN WHERE NO JACKS EXIST!**

- EASY TO USE—NO INSTALLATION REQUIRED.
- USE ORDINARY ELECTRICAL WIRING AS TELEPHONE CIRCUIT.
- BETTER SOUND QUALITY THAN THE BEST CORDLESS PHONES.
- PAY NO FEES TO THE PHONE COMPANY. SAVE HUNDREDS OF DOLLARS A YEAR.



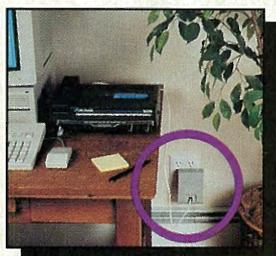
Enjoy up to twenty telephone extensions with clear clean sound.\* Have telephones and telephone devices where you need them and when you want them. The Phonejak™ is easy to use and doesn't require expensive phone company hook-up charges and endless monthly fees.

Phonejak™ gives you the convenience of having a "phone in every room of your home or office"—without the cost. The advanced technology employed in Phonejak™ uses over 150 meticulously assembled, sophisticated electronic components, the same as the most expensive miniature computers.



## PHONEJAK™ WORKS WITH ANY PHONE DEVICE!

- CORDED PHONES
- CORDLESS PHONES
- SPEAKER PHONES
- ANSWERING MACHINES
- FAX MACHINES
- COMPUTER MODEMS
- PLUS ALL OTHER TELEPHONE DEVICES



## State-of-the-Art Phonejak™ Telecommunications Transmission System, No. PX-101

The Static-Free Phonejak™ Telephone Extension System, designed like a miniature computer, comes complete with an advanced highly featured telecommunications transmitter and a receiver/extension device that may be moved from room to room. Supports up to 20 extension locations at one time.

Only **\$79** Per System (\$6 S&H)

## Additional Static-Free Receiver/Extension Device, No. PX-102

Use with the above Phonejak™ Transmission System to create up to 20 fixed extensions.

Only **\$49** Each (\$2 S&H)

## Satisfaction Guaranteed!

Phonejak™ is covered by a 1 year warranty for parts and labor. If you are not completely satisfied, for any reason, return Phonejak™ within 30 days for an immediate refund.

**Call To Order Today!**

**1-800-222-1600**

Or send check or money order to—

**PHONE TECHNOLOGIES**



615 Colonial Park Drive  
Suite 102  
Roswell, GA 30075



\* Some wiring systems may cause a variance in performance. Recommended for single phone lines.

Copyright ©1992 by Phone Technologies. Phonejak™ is protected by U.S. and International Patents.

# MONITOR

## WORLD UPDATE

### Microsoft Goes Dutch

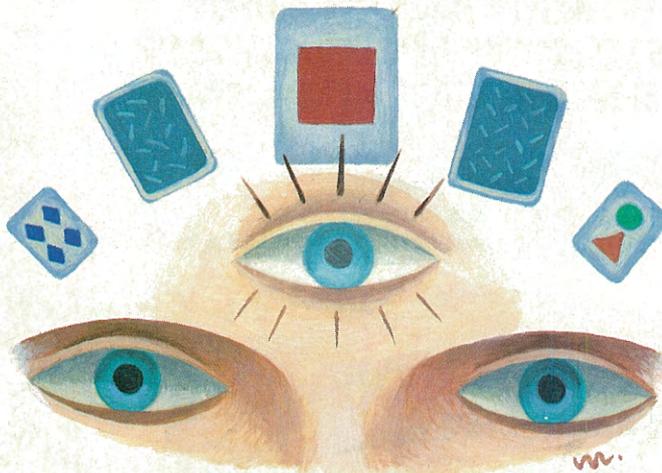
In addition to the Microsoft Central Europe Forum, CompuServe members in Europe now have another resource for online support of Microsoft products. The Microsoft Benelux support area (GO MSBEN) offers information in English and Dutch about the company's Benelux services and provides access to the Microsoft Benelux Developers Forum. Also accessible from the area are the Microsoft end-user forums and other Microsoft developer forums, Microsoft Knowledge-Base and the Microsoft Software Library of files for downloading.

The Microsoft Benelux Developers Forum (GO MSBF) provides support for users of Microsoft products for program development including BASIC, C/C++, Client Server Computing, Windows SDK and Microsoft database products based in the Benelux countries. Benelux-based developers can share information with other users and developers, and with Microsoft Benelux support staff.



CompuServe's Australian/New Zealand Company Library (GO ANZCOLIB) is the newest offering for members looking for in-depth directory and news information on more than 95,000 public and private businesses in the Pacific Rim area.

Company information can be compiled from D&B—Australian Dun's Market Identifiers,® D&B—New Zealand Dun's Market Identifiers® (updated quarterly), Reuter Textline (updated continuously) and the Asia-Pacific databases (updated every two weeks).



MICHAEL MCLAUGHLIN

### Second Sights & Sixth Senses

Whether you take ESP seriously or view it as a party trick, you ought to know if you have it. To find out, begin in the New Age Forum (GO NEW-AGE), Library 2, "Programs/IBM Compatible," with file ESP-

TES.ZIP, a serious test of ESP that can be fun. In the IBM New Users Forum (GO IBM-NEW), Library 8, "Word & Card Games," try Psychic Tester 1.3 (PSYC3.ZIP), which explores clairvoyance, precognition, te-

lepathy and psychokinesis (mind over matter) capabilities. Routines to graphically display results are included. Scores accumulate through several rounds for further substantiation.

Macintosh owners join the fun in the Mac Entertainment Forum (GO MACFUN), Library 4, "Board/Card/Educ. Games." Download RHINE.CPT, which works much like the cards used by professional parapsychologists. With Rhine (named for the inventor of the cards), you can develop and test clairvoyant skills.

Once you discover your mind's hidden powers, learn how to unleash and apply them in the New Age Forum's Section 13, "ESP/Mind Powers," and in the Issues Forum's (GO ISSUESFORUM) Section 10, "UFO/Paranormal Issues."

### Thumbs Up on Your Latest Epic

When a Pulitzer Prize-winning writer says he likes what he reads in CompuServe forums, well, we can't resist making some bold claims. To wit: bantering on the message boards makes you a better writer.

Roger Ebert, an internationally known film critic and no slouch at the wordsmithing business himself, thinks there might be some connection. "For some reason, most of the people on CompuServe in the forums I have visited are very good writers. Maybe electronic mail helps you become concise because of the cost and memorable because of the competition," says Ebert, a recent guest in the Journalism Forum.

All of this coming from a writer, former rhetoric teacher and magazine editor who has some pretty cynical views on the ability of most people to communicate on a professional level. "There is a kind of scorn about communicating well," says Ebert.



GWENDOLEN GATES

'Cut shorthand': Ebert

A caveat from the E-bard about online communication: Go easy on those emoticons. "Online services might be a good place to learn to write, especially if you exercise stern control over silly faces and similar flotsam."

The complete transcript of Ebert's seminar is in EBERT.TXT in Library 3, "Free-lancers," of the Journalism Forum (GO JFORUM).

### The Mild Side

Ah, Political Correctness. While language can often be made more inclusive and just plain nicer, it can undeniably cross over into the region of what the PC folks themselves might call humor-impaired. A recent tongue-in-cheek thread in the Journalism Forum proposed some "kinder, gentler" euphemisms for various states of being, including:

- Visually challenged:** four-eyes
- Vision challenged:** candidate for president
- Chronologically challenged:** too young/old
- Existentially challenged:** can't wait in lines
- Automotively challenged:** road kill
- Windows challenged:** everyone but Microsoft
- Challenge Challenged:** the World Wrestling Federation

For more, GO JFORUM (unless you're "chronicly" challenged).

## Will Maria Keep the Baby? Will Greg Return?

**S**oap operas are supposed to mirror life. But for many members of the ShowBiz Forum's (GO SHOWBIZ) Section 9, "Soap Operas," the programs are an integral part of life.

"I use the section to get information and updates on soaps," says forum member and soap fan Laurie Gruhn. "Specifically, I get info on what people are saying about *All My Children*, because it's the soap I watch."

Member Elaine Johnson says the forum serves as a clearinghouse for soap opera informa-

tion and opinions. "We share views on writers, producers, networks and casting. Sometimes, I see interesting plot suggestions." Johnson believes that soap producers visit the section to check the pulse of their viewers, although she has no conclusive proof to back her suspicion.

To keep members up-to-speed on the latest soap developments, Library 9, "Soap Operas," includes files that provide detailed cast lists and plot summaries for most of the leading soaps.



COURTESY MODEL AVIATION

## Even Better Than the Real Thing

**R**emember that model of a 1956 Corvette you built back in 1976? You know, the one with three lopsided wheels and a glue-glopped back seat?

Well, here's some incredible news: There are members of the ModelNet Forum (GO MODEL-

NET), Section 9, "Static Modeling," who can actually build kits that look as good as the picture on the box. Amazing, but true.

"I'm drawn to modeling as a creative outlet," says forum member Jim Boring. "It affords the opportunity to re-create the

world through your own eyes. I even find it therapeutic, a way to relax." Boring notes that the hobby also allows him to own an F-15 without building a hangar in his back yard.

Section Leader Gary Kato says members can get tips on building and painting, advance information on new releases, reviews of kits and pointers to reference material contained in the section's companion library.

"My models aren't museum quality, since I never get to the point of finishing them," admits Kato. "I'm one of those fellas with a short attention span who has 10-plus kits he's building at the same time."

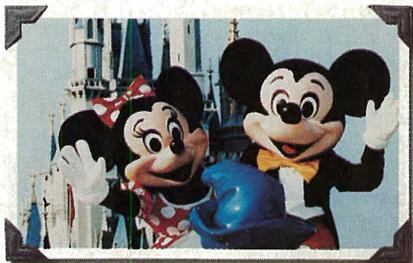
So what's the secret to modeling success? According to ModelNet regulars, it's patience, a steady hand, concentration and, oh yes, always reading the instructions.

## Someday, Your Prints Will Come—to TRAVSIG

**W**hen our parents went on vacations, they took endless rolls of pictures of themselves, posing in their Hawaiian shirts and Bermuda shorts, which they then converted into thrilling slide shows to inflict ... um, *instruct* all of their neighbors, friends and relatives. Well, we're not like our parents, are we? Nope, we're high tech!

And now, any CompuServe member who wants to share his or her vacation photos can take advantage of the Travel Forum's Travel Photo Scanning Service. Mem-

ber Max Wyss will professionally scan your photo with a Hewlett-Packard ScanJet Iic scanner connected to a Mac



THE WALT DISNEY COMPANY

IIfx, and will even do some minimal retouching using Adobe Photoshop.

If your photo passes muster with the forum managers (it has to be "tasteful," among other things), it will be uploaded to the forum library as a GIF image. Then that fabulous shot of you hugging Mickey in front of the Magic Castle will be available for thousands of CompuServe members to see.

For more information, read the file GIFSVC.TXT in the Travel Forum (GO TRAVSIG), Library 10, "GIF/The Photo Album." Mom and Dad will be proud of you.



ANDREA EBERBACH

## The Ultimate in Access

Sometimes it's fun to do something just to say you've done it—like running a marathon or tuning in a far-away radio station in the dead of night. The online crowd finds it amusing to brag about outlandish log-on feats.

Graham Earnshaw, Asia/Pacific editor for the Reuter news organization, recently used a satellite transmitter telephone to log on to CompuServe from Phnom Penh, Cambodia. The stunt was all the more extraordinary because the city's regular international phone lines were out of service at the time.

"I was in Cambodia for the formal opening of the Reuter news bureau in Phnom Penh in mid-October, and it seemed like a good opportunity to chalk up an international e-mail first," he says. He left a message bragging about his accomplishment in the Travel Forum.

Earnshaw is an international log-on expert, having successfully made connections to CompuServe from a number of remote locations, including Sri Lanka and Bangladesh, although India has him stumped.

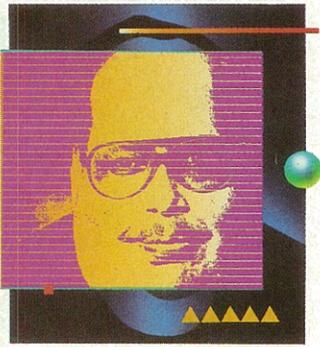
"The principle is clear: Computer networks can now be accessed from absolutely anywhere ... and the location of a computer host has become irrelevant."

## Monitor

Contributors:  
Cathryn Conroy, John Edwards, Mike Pietruk, Lindsay Van Gelder

## Behind the Screens

with John Edwards



### No Longer TV-Guided

I'm losing touch with reality. Or at least reality as expressed by television networks ABC, CBS and NBC.

If you're like me, you're spending a lot less time watching television now that you own a modem. There's a lot to be said for people who prefer to

exchange thoughts and peruse new ideas online as opposed to those who passively watch whatever The Tube has to offer. I congratulate you, me, us.

Unfortunately, I feel that alternative technologies such as online services will lead to a schism within American life. As more Americans abandon network television to enjoy the fruits of the computer world, a great unifying force in the culture will be torn asunder.

Prime-time network television represents the closest thing Americans have to a daily shared cross-cultural experience. Nightly television programming is often the only thing we can discuss with neighbors, co-workers and friends and not fear the consequences of misinterpretation or ignorance. Or, at least, it used to be that way.

Since shunning network television (I still watch some cable television and videocassettes), I've found myself largely disconnected from the

mainstream. No longer do I recognize the titles of popular shows or the names of rising young actors and actresses. *TV Guide's* listings have become little more than strange hieroglyphics to me.

Perhaps you're experiencing this same condition to a greater or lesser extent. If so, please let me know. Maybe we can form a support group. An online one, of course.

\* \* \*

They recently made a big change at my local post office. The workers changed the sign that read "All postal box mail available by 9:00 a.m." to "All postal box mail available by 10:30 a.m."

Of course, I hear mail plunking into those boxes at 3 p.m. It just shows you—never trust the government.

The sign change also got me thinking. What if the post office decided to embrace technology and launch an elec-

tronic mail service? Think of the possibilities:

- ▶ One e-mail delivery a day, six days a week.
- ▶ The eventual discovery of a network administrator who hides undelivered e-mail in his attic.
- ▶ No e-mail delivery on holidays that everyone else goes to work on.
- ▶ Torn e-mail.
- ▶ An e-mailmaster general who appears on talk shows to chat about how cheap and effective the service is.
- ▶ E-mail delivered nationwide by tape reel-carrying 18-wheelers.
- ▶ Free e-mail privileges for political hacks.
- ▶ Newspaper stories about e-mail that took 40 years to arrive at its destination.

It kind of makes you feel—eyuccch!

*For more BTS gems by John Edwards, GO OLT-130. Edwards is a contributing editor of CompuServe Magazine. His CompuServe User ID number is 70007,412.*



MICHAEL MCLAUGHLIN

### Where There's No Imbalance in Trade

It is youth, naturally, that has found a way to bridge the geographical and cultural gap between North America and the Far East. Students have done it by devising a clever translation link between CompuServe and its Japanese counterpart, NIFTY-Serve.

In Section 7, "New Age-Discovery," in the Students' Forum (GO STUFO), U.S. and Canadian students leave messages for Japanese students. These are downloaded, translated and posted by Takeshi Watanabe, the sysop of NIFTY-Serve's Junior Forum. The Japanese students reply in English because they are trying to learn the language, and Watanabe posts their responses in the Students' Forum.

"The messages are beginning to reflect a real exchange of ideas," says Michael Grant, a senior at Trenton State College in Ewing, N.J., and a section leader in the Students' Forum.

While their parents might discuss trade barriers and deficits, the students, who range from elementary school to college, are talking about high school football and track, clothes, after-school jobs, music, school and politics.

Grant believes such communication is the first step toward understanding each other. "One can learn much from newspapers and television, but nothing can replace one-to-one communication for promoting understanding between cultures."

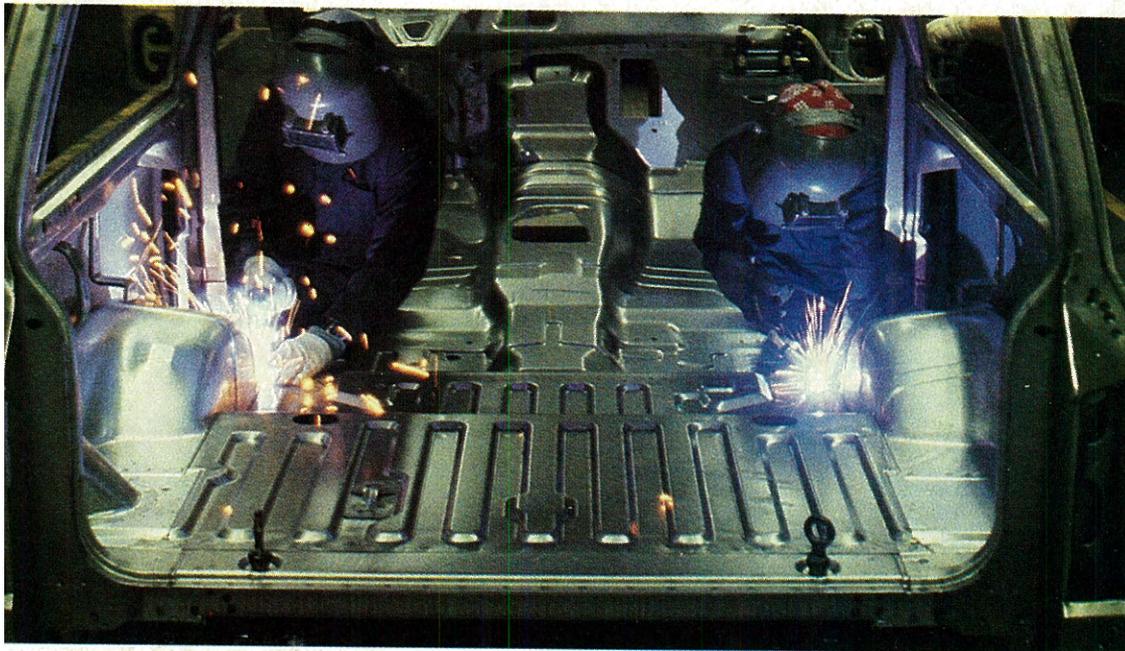
### Keeping Up with ADA

Whether you're disabled or a manager with disabled employees, the Americans with Disabilities Act (ADA) makes it imperative that you familiarize yourself with available assisting and adaptive technology. Most mainstream computer industry periodicals only touch upon this topic.

One good way to keep abreast of developments is by reading John McCormick's column, "The Enabled Computer," which is published each Friday in NewsBytes (GO ZNT:NWB). It is not only a solid source of up-to-date information but also a valuable reference resource for researching technology accessibility problems.

Some three dozen of the best columns are available in the Computer Database Plus (GO COMPDB) magazine reference service. The articles focus on such diverse topics as the rights and obligations associated with ADA; the MIC 300i, a powerful but affordable TDD (telecommunications device for the deaf) on an 8-bit, half-size PC card; and practical innovations demonstrated at the Johns Hopkins National Search for Computing to Assist Persons with Disabilities competition.

Additional disability information may be found online in the Handicapped Users Database (GO HUD), the Disabilities Forum (GO DISABILITY) and the IBM Special Needs Forum (GO IBMSPEC).



You could go to Japan  
to learn about  
Total Quality Management.  
Or you could GO IQUEST.

If the quest for a better, more competitive product or service has you looking for TQM, you're in business. IQuest puts a world of reliable and comprehensive information at your command.

IQuest's more than 850 databases offer current and detailed information on a range of interests, from the latest business management philosophies to detailed company profiles and credit reports. You'll get instant and around-the-clock access to millions of articles, abstracts, and citations from hundreds of magazines, journals and newspapers. And live, interactive help is available throughout the business day with IQuest's SOS feature.

For a total quality solution to meet the challenges of business today, GO IQUEST.

**IQuest**<sup>SM</sup>

GO OLI for more information.

*Empower employees.*

*Delight customers.*

*Have these tenets*

*of Total Quality*

*Management*

*revolutionized the*

*workplace today?*

*How have businesses*

*from Osaka to*

*Detroit profited from*

*TQM? What other*

*quality initiatives*

*are now sweeping*

*the world?*

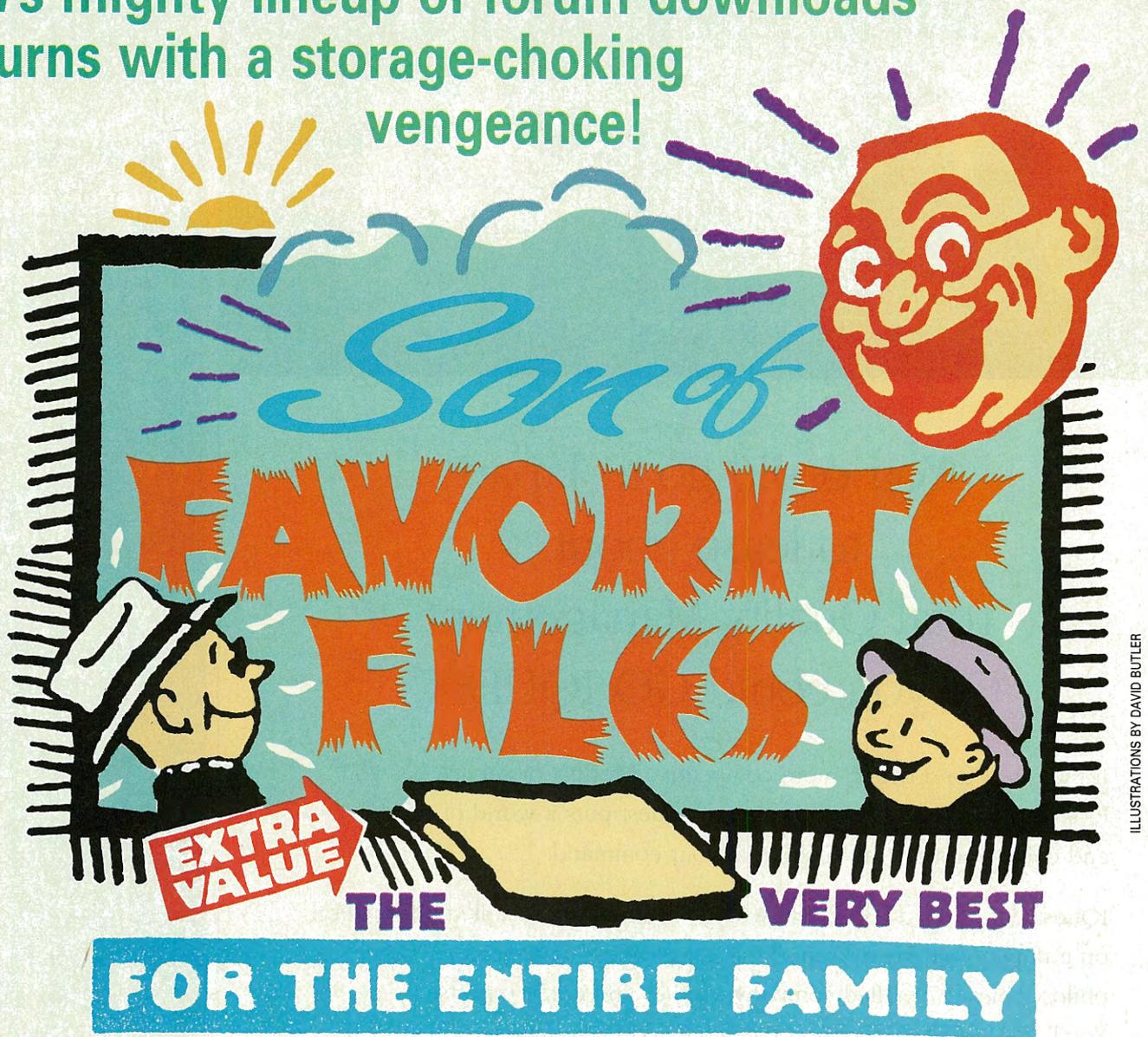
**Free Product Line and Tradename SmartSCANs this month! Get the facts before you make a purchase or name a new product.**

**For February only, the \$5 scan charge is waived for IQuest's Product Line and Tradename SmartSCANs. (Complete details online.)**

**GO IQUEST for more information.**

by Andy Rathbone

# You asked for it! CM's mighty lineup of forum downloads returns with a storage-choking vengeance!



ILLUSTRATIONS BY DAVID BUTLER

Hundreds of thousands of files line the shelves of CompuServe's forum libraries. But don't think they're all filed under the word "computer." For instance, you'll find advice on raising Oscars and goldfish in the Aquaria/Fish Forum. Want to grow "monster" tomatoes? The Gardening Forum's ready to serve.

This package serves as a miniature card catalog of sorts. Sysops from CompuServe's many corners joined together to submit some of the best files from their libraries. Some files have been downloaded so many times that they're considered classics. Others are recent uploads, ready to solve new problems and dish out new information. Still others are hidden gems—older files that deserve a second look. They're all organized into five categories:

► **Communication:** One of the most popular categories, these files help people con-

nect their computers through the telephone lines, a task familiar to all CompuServe members.

- **Education:** The most wide-ranging of the categories, this list contains everything from the complete text of the U.S. Constitution to instructions for ridding your home of fleas.
- **Graphics:** The advent of "Windows wallpaper" makes these libraries buzz with activity. Line your Windows' desktop with pictures of Stevie Nicks or color pictures of the Grand Canyon.
- **Leisure:** When the day's work is through, there's no reason to turn the computer off. Instead, check out some of the latest computer games. Or, if you're tired of computing and ready to rock, look for tips on how to buy the right electric guitar.
- **Personal Productivity:** This collection

of utilities will fine-tune your mouse, organize your hard disk and just plain simplify your computer life.

To facilitate searching, files are sub-categorized by computer type. Although this list contains hundreds of popular files, they're only a small percentage of what CompuServe has to offer. Once your appetite has been whetted, check out CompuServe's File Finders to search for even more files meeting your needs. File Finders are available for IBM (GO IBMFF), Macintosh (GO MACFF), Amiga (GO AMIGAFF), Atari (GO ATARIFF) and Graphics (GO GRAPHFF). If you are using CompuServe Information Manager version 2.0 or above, you can download files directly from the IBM, Macintosh and Graphics File Finders. For tips on downloading files and putting them to work, see page 14.

**Access Numbers**—List of U.K. phone numbers for connecting to CompuServe. U.K. Forum (GO UKFORUM), Library 1, "General & Lib Info," PHONES.TXT (11,411 bytes).

**Etiquette for German-speaking CompuServe Users**—Benimmregeln und hilfreiche Tips fuer deutschsprachige CompuServe. Markt & Technik Forum (GO MUTFORUM), Library 7, "Diverses," CISTIP.EXE (15,616 bytes).

## AMIGA

**Telecom Program**—BackTalk, featuring XPR Protocols, ARexx support and much more. Amiga User Forum (GO AMIGAUSER), Library 5, "Communications," BT155A.LZH (183,898 bytes).

**Terminal Emulator**—JR-Comm, an ANSI/VT-100 terminal emulator. Shareware. Amiga User Forum, Library 5, JRC102.LZH (245,386 bytes).

**Supra Tips**—Latest Supra modem0.device that works correctly with Whap! Amiga User Forum, Library 5, SUPRAZ.LZH (62,682 bytes).

**Send/Receive Faxes**—Demo of AmigaFax software for fax transmission/receival with Class 1 fax/modem. Amiga User Forum, Library 5, AFAXDE.LZH (318,720 bytes).

**BBS Package**—Incredibly flexible, powerful BBS package including ARexx BBS server and full-featured BBS system scripts. Freeware. Amiga User Forum, Library 5, PRTEUS.LZH (517,960 bytes).

**Serial File Transfer**—Twin Express 1.1a features transfer speed of about 22,000 bps and compatibility between the Amiga and IBM versions. Shareware. Amiga User Forum, Library 5, TNXA11.LZH (57,446 bytes).

**Tiny BBS**—MicroHost 1.3 creates a simple BBS mainly to send and receive files from the office. Amiga User Forum, Library 5, MCHST1.ARC (27,648 bytes).

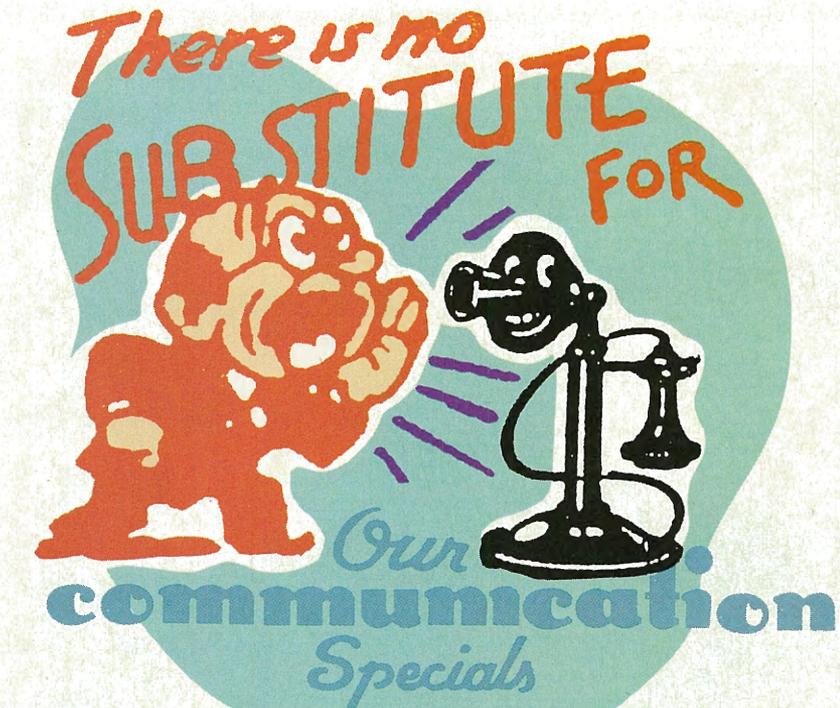
## ATARI

**CompuServe Reader**—Save time and money on the Atari ST by reading and responding to messages offline. Atari Productivity Forum (GO ATARIPRO), Library 2, "Telecommunications," QWKCIS.PRG (112,310 bytes).

**Background Communications Program**—Freeze Dried Terminal 2.20 supports background dialing, auto-log-ons and more. Atari Productivity Forum, Library 2, FZD220.LZH (280,576 bytes).

**Communications Program**—VanTerm 4.0 supports XMODEM, YMODEM, CompuServe B and other file-transfer protocols. Full mouse support. Atari Productivity Forum, Library 2, VTERM4.LZH (127,232 bytes).

**High-speed Modems**—All you need to know about modems reaching speeds of 9600 bps and above. Atari Productivity Forum, Library 2, MODEMV.TXT (104,966 bytes).



**GEM File Transfers**—A full GEM implementation of Alan Hamilton's XYZ file-transfer program. Atari Productivity Forum, Library 2, GEMXZY.LZH (22,656 bytes).

## COMMODORE

**Modem Patch for C-64**—Patches VIDTEX4.2 to allow 2400-bps transfers. Commodore Music, Graphics/GEOS and Games Forum (GO CB-MART), Library 1, "Help/Data Lib," VID24.IMG (4,736 bytes).

## IBM

**APPC Answers**—Information on APPC (Advanced Program-to-Program Communications), APPN (Advanced Peer-to-Peer Networking) and CPI-C (Common Programming Interface-Communications). APPC Info Exchange Forum (GO APPC), Library 1, "General Forum Info," APPCPR.TXT (4,000 bytes).

**Network Information**—Easy-to-read introduction to Advanced Peer-to-Peer Networking. APPC Info Exchange Forum, Library 4, "Technical Papers," APPNOV.ZIP (21,000 bytes).

**APPC Classics**—Classic techniques for implementing Client/Server transactions with APPC. APPC Info Exchange Forum, Library 4, TPD-SGT.ZIP (14,000 bytes).

**APPC Tester**—Industry standard APPC program written in CPI-C for connectivity and speed testing of your APPC configuration. Freeware. APPC Info Exchange Forum, Library 6, "Sample Programs," APING.ZIP (181,000 bytes).

**APPC Command Executer**—Executes a command on a remote computer using APPC—modelled after TPC/IP's REXEC program. Freeware. APPC Info Exchange Forum, Library 6, AREXEC.ZIP (159,000 bytes).

**APPC Messenger**—APPC program to send a message to a remote computer, modelled after VM's TELL. Freeware. APPC Info Exchange Forum, Library 6, ATELL.ZIP (161,000 bytes).

**APPC OS/2 Tester**—Stand-alone test for your APPC applications on OS/2 2.0 Communication Manager on Extended Services. Freeware. APPC Info Exchange Forum, Library 7, "Config Examples," SATES.ZIP (17,000 bytes).

**APPC Modem Tools**—SNA (Systems Network Architecture) over async. Run your APPC or 3270 applications over a modem. Freeware. APPC Info Exchange Forum, Library 8, "Tools and Utilities," SNAOS.ZIP (40,000 bytes).

**Autosig**—Information on the Autosig CompuServe automation program. IBM Communications Forum (GO IBMCOM), Library 1, "Autosig," WHATIS.ATO (6,475 bytes).

**CompuServe Reader Information**—Information on the OzCIS CompuServe automation program. IBM Communications Forum (GO IBMCOM), Library 12, "OZCIS," OZCIS.BRO (7,868 bytes).

**CompuServe Reader**—TAPCIS, automates CompuServe sessions to minimize cost. Shareware. TAPCIS Forum (GO TAPCIS), Library 1, "TAPCIS," TAP.EXE (221,080 bytes).

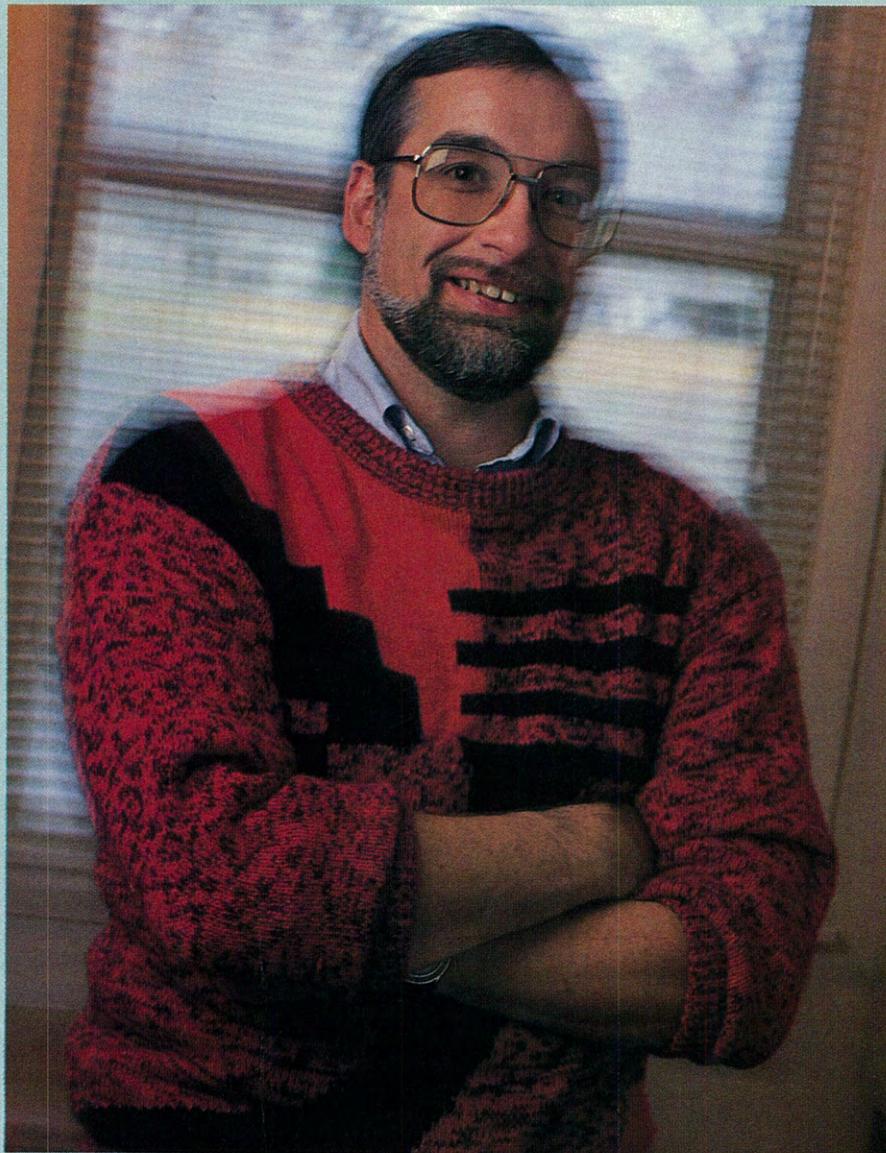
**TAPCIS Documentation**—Documentation needed for TAPCIS. TAPCIS Forum, Library 1, TAPDOC.EXE (157,282 bytes).

**Weather Forecast Capture**—Script for capturing weather forecasts in TAPCIS. TAPCIS Forum, Library 2, "Scripts & Tools," GETWEA.SCR (814 bytes).

**Stock Quote Capture**—Script for capturing basic stock quotes in TAPCIS. TAPCIS Forum, Library 2, QUOTES.SCR (2,258 bytes).

**Message Sorter**—TAPORDER, an add-on for sorting, rethreading and aging message files under TAPCIS. TAPCIS Forum, Library 2, TAPORD.EXE (126,190 bytes).

**Thread Marker**—Marks threads in TAPCIS for easy gathering. Shareware. TAPCIS Forum, Library 2, TPT.EXE (198,035 bytes).



## Tales from the Download: David DeVore

### Austin, Texas

**Favorite File:** UC3H-1.ZIP (210,413 bytes); shareware, \$69.95

**Location:** Microsoft Windows Advanced Users Forum (GO WINADV), Library 14, "Comm Apps/Utils"

David A. DeVore, multitasking aficionado and technical director of KnowledgeBase Group, recently faced two simultaneous deadlines: He needed a software developer to send him via modem a 2MB expert system file at the same time that he had to send a large file to another client.

The problem wasn't insurmountable with Unicom, communications shareware that allows Windows 3.1 users running in enhanced mode to do background file transfers while continuing to work in other pro-

grams. This time, that other program was a concurrent file transfer.

Taking advantage of Unicom's ability to use up to four modems simultaneously, DeVore connected an external modem to his '486 computer to supplement the internal one. "I was able to download the program from my developer on the external modem, while uploading to my client via the internal modem," he says. "It saved the day."

Unicom features a dialing directory, WinScript script language, chat mode, file marker, screen editing and more. It is upgraded frequently; to find the most current version, search using the keyword UNICOM.

—Cathryn Conroy

**TAPCIS News**—Provides tips and keeps users up-to-date on TAPCIS. TAPCIS Forum, Library 16, "TAPCIS News," NEWS1.ZIP (53,842 bytes).

**U.K. TAPCIS Script**—TAPCIS script file for U.K. users to connect to CompuServe via the Dialplus network. U.K. Computing Forum (GO UKCOMPUTING), Library 1, "Comms," DIALPL.SCR (494 bytes).

**CompuServe Reader**—WigWam, Windows program for automating CompuServe access. U.K. Computing Forum, Library 10, "Ashmount," WIGWAM.ZIP (244,439 bytes).

### MACINTOSH

**File Conversion**—Handy mix of popular file conversion utilities in a programmable shell. Shareware. Mac Communications Forum (GO MACCOM), Library 4, "Comm Progs/Utils," TICKLE.SEA (430,336 bytes).

**Appletalk Messenger**—BroadCast 2.0 sends messages across Appletalk networks. Mac Communications Forum, Library 4, BROAD2.CPT (24,576 bytes).

**FidoNET Reader**—Sends and receives e-mail from the Fido network. Shareware. Mac Communications Forum, Library 4, MCWOOF.CPT (248,192 bytes).

**ARA Disconnecter**—This compactor file contains a quick disconnect FKEY for Apple Talk Remote Access users. Mac Communications Forum, Library 11, "Apple Remote Access," ARA-DIS.CPT (1,920 bytes).

**File Compression**—Compact Pro compresses files to take up less disk space and transmission time. Shareware. ZiffNet/Mac Download and Support Forum (GO ZMC: DOWNTECH), Library 1, "Applications," CPTPRO.SEA (121,000 bytes).

**FirstClass BBS Communicator**—FirstClass Client is a graphical telecom program that lets you connect with FirstClass BBSes. Freeware. ZiffNet/Mac Download and Support Forum, Library 1, FCLASS.SEA (261,000 bytes).

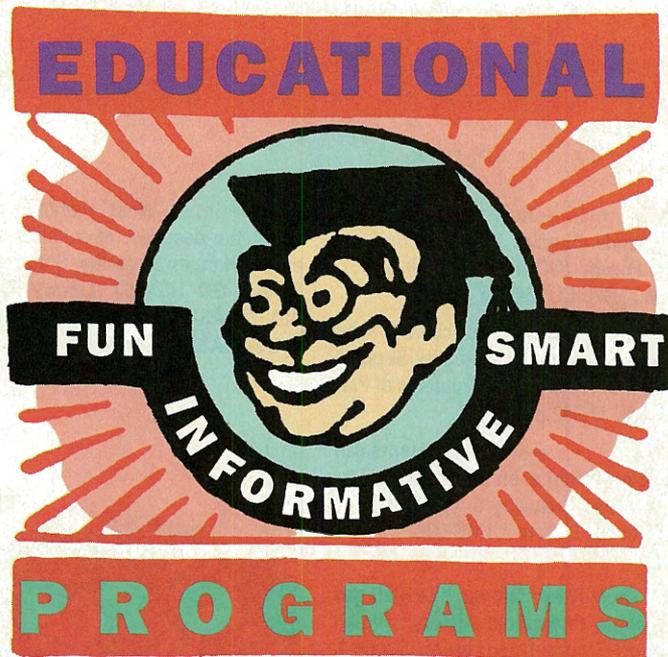
**Telecom Program**—ZTerm, a fast, efficient telecommunications program that's not overloaded with features. Shareware. ZiffNet/Mac Download and Support Forum, Library 1, ZTERM.CPT (189,824 bytes).

**QuickB Protocol**—QuickB DA adds CompuServe's QuickB protocol for uploads and downloads. Shareware. ZiffNet/Mac Download and Support Forum, Library 2, "DAs," QBDA.SIT (15,000 bytes).

### NEXT

**NeXT Modeming**—Installing and using a modem on the NeXT. NeXT Users Forum (GO NEXT), Library 3, "Connectivity," MODEM.TXT (11,128 bytes).

**CompuServe with NeXT**—How to connect to CompuServe using your NeXT without a communications program. NeXT Users Forum, Library 3, NOCOMM.TXT (2,477 bytes).



**Portfolio Answers**—Answers to frequently asked questions about the Portfolio. Atari Portfolio Forum (GO APORTFOLIO), Library 1, "Forum Help Files," PORT.FAQ (54,715 bytes).

**Wave Tank**—How to build a tank that can simulate the wave pulse action of the ocean. Aquatic Data Center (GO AQUADATA), Library 13, "Online Drum & Croaker," DC0001.TXT (7,779 bytes).

**Freshwater Angelfish**—How to raise angelfish from eggs. Aquatic Data Center, Library 15, "Online Aquarium Fish Magazine," AFM012.TXT (9,466 bytes).

**Aquarium Filtration**—Steve Meyer article covers the basics of filtration. Aquaria/Fish Forum (GO FISHNET), Library 1, "Your First Aquarium," BL0017.TXT (14,268 bytes).

**New Tank Syndrome**—Describes a phenomenon common in new aquaria: a buildup of harmful chemicals in the water. Aquaria/Fish Forum, Library 1, BL0007.TXT (6,496 bytes).

**Oscars and Goldfish**—Article discusses common mistakes made with these fish and how best to keep them. Aquaria/Fish Forum, Library 3, "Freshwater Aquaria," FA0458.TXT (8,670 bytes).

**Fish Diseases**—List of fish diseases and medications to treat them. Aquaria/Fish Forum, Library 4, "Duty Team Help Requests," DT0024.TXT (4,246 bytes).

**Aquarium Tips**—Recommended reading list, including information on ponds, fresh and marine aquariums. Aquaria/Fish Forum, Library 6, "Miscellaneous Hints and Tips," MT0174.TXT (22,200 bytes).

**Garden Pond**—Planning a pond in your yard. Aquaria/Fish Forum, Library 9, "Koi/Fish Ponds," KP0021.TXT (10,235 bytes), KP0022.TXT (12,969 bytes).

**Left, You Idiot!**—Survival guide for Americans driving in the United Kingdom. Automobile Forum (GO CARS), Library 7, "Safety/Driving," BRTDRV.GDE (36,000 bytes).

**Chess**—Recommended books for beginners. Chess Forum (GO CHESSFORUM), Library 2, "Chess Basics," CHSBKS.TXT (5,845 bytes).

**Card Collecting**—List of nonsport card dealers. Collectibles Forum (GO COLLECT), Library 3, "Nonsports and Comics," NSDEAL.TXT (5,829 bytes).

**Coin Collections**—How to sell your coins. Collectibles Forum, Library 4, "Coins and Currency," SELL.TXT (36,608 bytes).

**Latin and Greek Newsletter**—Focuses on Classics and computers. Foreign Language Education Forum (GO FLEFO), Library 4, "Latin/Greek," PROS.01 (30,000 bytes).

**Monster Tomatoes**—Record holders reveal secrets for growing giant tomatoes. Gardening Forum (GO GARDEN), Library 2, "Vegetable Gardening," BIGTOM.TXT (11,500 bytes).

**Lawn Tips**—How to have a fine lawn without chemicals and excess water. Gardening Forum, Library 7, "Lawns & Landscaping," LAWNGR.TXT (8,826 bytes).

**Lilac Lovers**—Tips on growing these old-fashioned favorites. Gardening Forum, Library 7, LILACS.TXT (17,000 bytes).

**Gardening Programs**—Review of more than 20 garden-related programs. Gardening Forum, Library 11, "Tool Talk," SOFTGA.TXT (18,500 bytes).

**Building a Greenhouse**—How to get started. Gardening Forum, Library 12, "Houseplant/Greenhouse," GREENH.TXT (13,500 bytes).

## Can't Get Enough? Try File Indexes

Among their thousands of files, CompuServe forum libraries contain files that are indexes to other files. Here's a sampling:

**Atari Portfolio Forum**—Index of files, updated regularly. GO APORTFOLIO, Library 1, "Forum Help Files," files FILES.TXT (56,000 bytes) and FILES.ZIP (compressed version, 22,000 bytes).

**Consumer Electronics Forum**—Catalog of information in the forum. GO CEFORUM, Library 1, file LIB1.CAT (7,000 bytes).

**HP Peripherals Forum**—Descriptions of files in HP ScanJet library. GO HPPERIPH, Library 7, "ScanJet," file HPPL7.LIS (1,878 bytes).

**IBMNET Forums**—Each IBMNET forum has two compressed index files in its Library 0, "General": IBM.\*ZIP, a full catalog of that forum's files, and \*SUM.ZIP, one-line summary descriptions of the files.

Example: IBM Communications Forum (GO IBMCOM), Library 0, files IBMCOM.ZIP, the catalog of forum files (203,000 bytes), and COMSUM.ZIP, the summary description (30,000 bytes).

**MAUG Forum Indexes**—Each Macintosh user forum contains two compressed files in its Library 1, \*DES.SIT, a monthly update of files in that forum, and \*TIT.SIT, a weekly update.

Example: Mac New Users and Help Forum, Library 1, "Help Files," files NEWDES.SIT, the monthly catalog (30,080 bytes), and NEWTIT.SIT, the weekly catalog (5,888 bytes).

**MAUG Forums**—Full listing of all files in MAUG (Macintosh) forum libraries. Macintosh New Users and Help Forum (GO MACNEW), Library 1, "Help Files," file MAUGLB.SIT (288,000 bytes, compressed).

**Toshiba Forum**—Index of all forum files, sorted by library number and updated every 60 days. Toshiba Forum (GO TOSHIBA), Library 1, "News and Press," MASTER.DIR (93,264 bytes) and MASTER.ZIP (compressed version, 33,168 bytes).

**ZiffNet/Mac**—Index of files, ZiffNet Download and Support Forum (GO ZMC:DOWNTECH), Library 7, "Reference," files INDEX.TXT (48,000 bytes), INDEX.CPT (compressed version, 22,000 bytes), FINDEX.SEA, same information plus full file descriptions (compressed and self-extracting, 139,000 bytes), and NEWUPL.TXT, a list of recent uploads (11,000 bytes).

**ZiffNet Support Forum**—Full description of files in the ZiffNet Support Forum (GO ZNT: SUPPORT), Library 1, "General Information," files SUPPOR.CAT (25,000 bytes) and SUPDES.EXE (compressed version, 9,000 bytes).

—Michael Naver

**Relationship Tracking**—Tips on finding out relations with ancestors. Genealogy Forum (GO ROOTS), Library 1, "General Information," COUSIN.TXT (3,827 bytes).

**Beginner's Guide to Genealogy**—How to start tracking your roots. Genealogy Forum, Library 1, SEARCH.TXT (59,368 bytes).

**Irish Genealogy Research**—Tips on tracking relatives from Ireland. Genealogy Forum, Library 6, "Text Files," IRISH.NAM (3,721 bytes).

**Scandinavian Genealogy**—Tips on tracking down Scandinavian ancestors. Genealogy Forum, Library 6, SCAND.TXT (5,167 bytes).

**Nostalgic Recipes**—Delicious meals from yesteryear. Genealogy Forum, Library 6, SECRET.ARC (111,723 bytes).

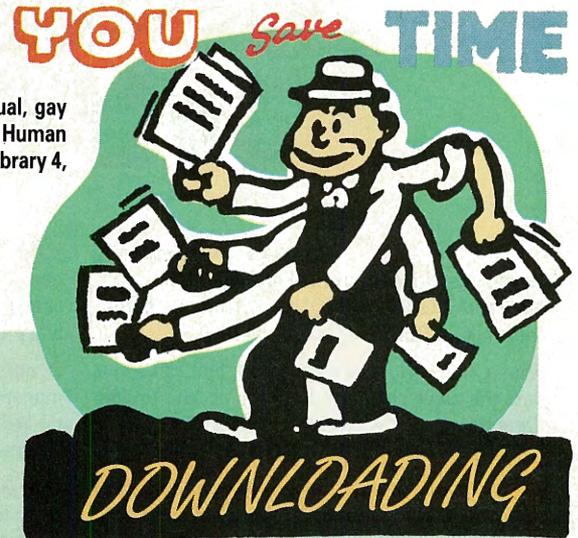
**Ending a Relationship**—How to say goodbye and still be friends. Human Sexuality Support Groups—Open Forum (GO HSX100), Library 1, "Dear Kathy M.," BYE.CO (24,323 bytes).

**When Daddy Leaves**—How to tell children why parents are divorcing. Human Sexuality Support Groups—Open Forum, Library 2, "Problems of Parents," LEAVE.DAD (7,892 bytes).

**And Baby Makes Three**—How new parents can protect their relationship even with the bundle of joy. Human Sexuality Support Groups—Open Forum, Library 2, BABY.CO (21,171 bytes).

**Gay Pride**—A short list of famous bisexual, gay and lesbian people throughout history. Human Sexuality Support Groups—Open Forum, Library 4, FAMOUS.TXT (2,818 bytes).

**AIDS Primer**—What everyone needs to know about the deadliest of sexually transmitted diseases. Human Sexuality Support Groups—Open Forum, GO HSX100, Library 13, "Living With AIDS," BASICS.1 (20,036 bytes), BASICS.2 (20,836 bytes), BASICS.3 (36,464 bytes).



## The Lowdown on Downloading

CompuServe offers you thousands of files for use with your computer. To take advantage of this treasure trove, you need to know the basics of "downloading" (retrieving) files.

Downloading is especially easy if you use CompuServe Information Manager software. Just pull down your Library menu, select "Retrieve File" and CIM does the rest. Or select "Browse" to review the names of files in various libraries before you select the ones you want to retrieve.

If you're not sure of the name of the file or exactly where to find it, there's a helpful feature of CIM and File Finder, a search utility. While in CIM, "GO" to File Finder and you'll see a display of dialog boxes. These allow you to search for your target files by keywords and other characteristics, then download them.

To take advantage of this feature of CIM, you'll need DOS version 2.0 or higher or Macintosh version 1.6 or higher. To upgrade to these newer versions, GO CISSOFT.

Along with CIM, there's other CompuServe-specific software that does much of the downloading work for you. These CompuServe "auto access" programs, as they're called, include TAPCIS for IBM PCs and CompuServe Navigator for the Macintosh. All of these packages use CompuServe's proprietary B and QuickB protocols for fast, error-free transfer of files to your computer.

File-transfer procedures are different if you're using third-party communications software. These packages typically log you

onto CompuServe in "terminal mode," and you select a file-transfer protocol from a menu of choices presented by CompuServe.

To use this menu, enter a forum library, select a file to download and type DOW (for "download"). The menu gives you a choice of protocols: XMODEM, CompuServe B+ and B, YMODEM, CompuServe QuickB, Kermit and DC2/DC4 Capture. (For a full discussion of downloading in terminal mode, go to the CompuServe Practice Forum, GO PRACTICE, Library 3, "New Library Info," and read the file DOWHLP.TXT.)

When you download files from a CompuServe forum, you'll notice that some file names contain a three-letter extension such as ARC, SIT, CPT, LZH, SEA, ZOO or ZIP.

You don't need to ask at the zoo or consult your ZIP code directory for an explanation. These letters tell you that the file has been compressed into a smaller size, and will have to be "decompressed" after downloading.

Why compress a file?

- ▶ To reduce the time it takes you to download it, saving you money.
- ▶ To save storage space on CompuServe computers, allowing more files to be stored.
- ▶ To group several related program and text files into a single compressed file, so you need download only one file instead of several for a given program.

Why the different compression formats? The original one was ARC (for "archive"). It

was developed for MS-DOS computers and later extended to Amiga and Apple IIe or IIc machines. Other formats were developed later to offer better compression techniques and to take advantage of the particular class of machine for which each was intended. For example, SIT files (short for "StuffIt") and CPT (for "Compactor") are for Macintosh computers; ZIP is for MS-DOS and Amigas; and LZH and ZOO are for Amigas.

How do you decompress a file you have downloaded? The forum where you downloaded the file usually provides a utility in its libraries. For example, Macintosh files compressed with the SIT extension can be decompressed with the free UnStuffIt utility found in the Mac forums. If you're in doubt, leave a forum message asking how to get the right decompressing utility.

A welcome recent development is compressed files that are "self-extracting"—that is, you don't need a utility to unpack them. Just run or launch the file after downloading and it unpacks itself. Files of this type have the SEA extension.

For a general description of file compression practices, check out the CompuServe Help Forum (GO HELPFORUM) and download the file COMPR.DOC from Library 1, "Help Library." Time spent in this forum is free of connect-time charges.

**Help for Abuse Survivors**—A thorough list of resources, organizations and publications for survivors of childhood sexual abuse. Human Sexuality Support Groups—Adult Forum (GO HSX200), Library 2, SOURCE.HLP (30,125 bytes).

**Sexism in Education**—Enlightened parents beware! Even *Sesame Street* shows gender bias. Human Sexuality Support Groups—Adult Forum, Library 3, "For Women Only," SEXISM.TXT (4,371 bytes).

**For Partners of Survivors**—Books and other resources for friends and loved ones of survivors of physical, emotional and sexual abuse. Human Sexuality Support Groups—Adult Forum, Library 4, "The Psychiatrist," PARTNR.TXT (3,373 bytes).

**Travel for the Disabled**—What people with handicaps should know about their legal rights and practical alternatives. Human Sexuality Support Groups—Adult Forum, Library 17, "Yes I Can!" TRAVEL.TH (54,951 bytes).

**U.S. Constitution and Amendments**—Complete text. Legal Forum (GO LAWSIG), Library 0, "General," USCONS.ZIP (16,476 bytes).

**Copyrighting Software**—How to register the software you write. Legal Forum, Library 1, "Computer Law," COPYSO.TXT (8,346 bytes).

**Zoning Language**—Permits home-based businesses on a restricted basis. Legal Forum, Library 10, "Municipal Planning," ZONING.TXT (4,270 bytes).

**Vietnam Names**—Complete database of Americans killed or missing during the Vietnam War. Military Forum (GO MILITARY), Library 15, "Vietnam Memorial," KIAMIA.ARC (1,621,046 bytes).

**Music Information**—Sources for classical music scores, sheet music and books about music, in the United States and worldwide. Music and Performing Arts Forum (GO MUSICARTS), Library 2, "Classical Music," STORES.TXT (2,648 bytes).

**Microsoft and Pens**—Discussion on "Pen-centricity" and Microsoft's competition. Pen Technology Forum (GO PENFORUM), Library 6, "GO Corp.," PENCEN.TH (4,217 bytes).

**Pen Strategy**—Strategic directions and releases of PenPoint operating system for the next 18 months. Pen Technology Forum, Library 6, PP\_MAP.TXT (5,616 bytes).

**Pen-based Computing Shows**—Schedule of upcoming pen-based computing shows and conferences. Pen Technology Forum, Library 16, "News/Review/Shows," PENCAL.TXT (6,500 bytes).

**Future of Pen-based Computing**—How will this emerging technology evolve? Pen Technology Forum, Library 17, "Community Square," PENFUT.TH (73,339 bytes).

**Battle of Pens**—Thread on PenPoint versus Microsoft's Windows for Pen. Pen Technology Forum, Library 17, PENWIN.TH (16,045 bytes).

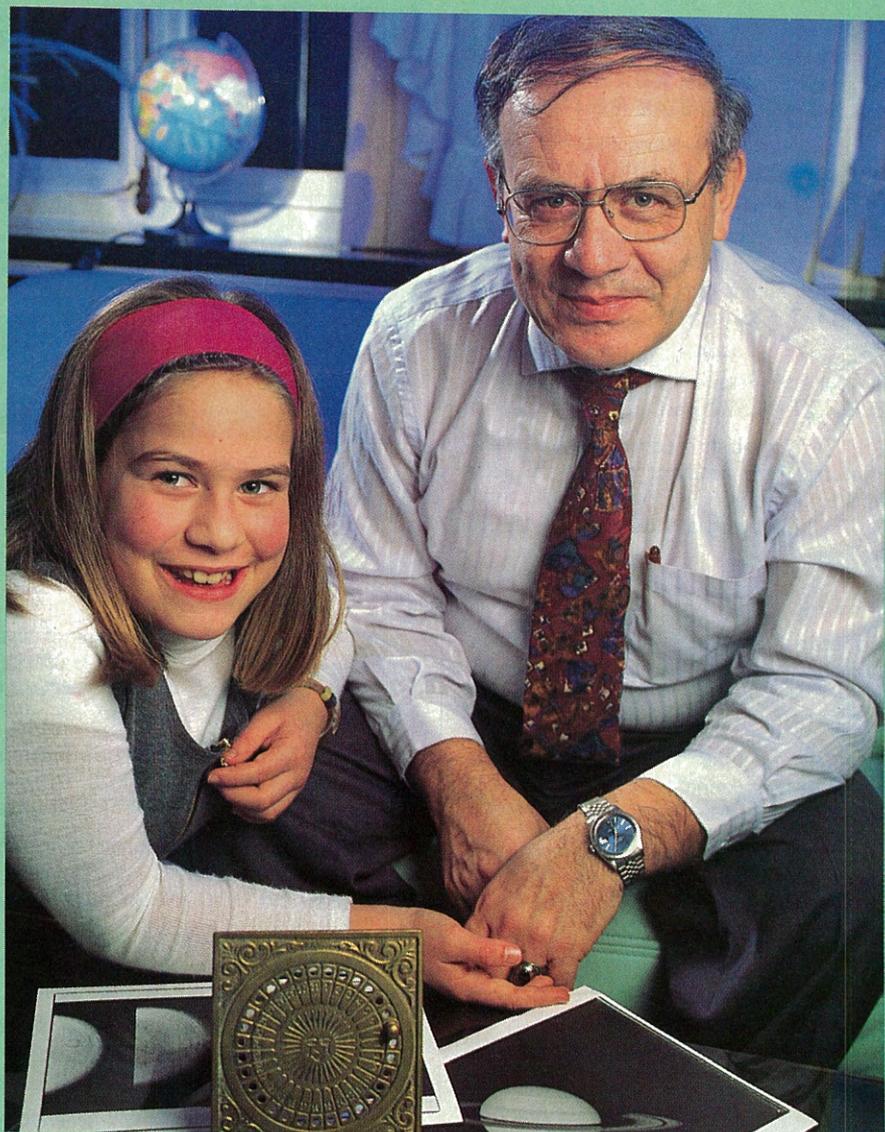


PHOTO NEWS/GAMMA LIAISON

## Tales from the Download: Korman Sengun

**Brussels, Belgium**

**Favorite File:** SKYGLB.ZIP (287,257 bytes); shareware, \$20

**Location:** Astronomy Forum (GO ASTROFORUM), Library 7, "Astronomy Software"

Korman Sengun enjoys challenging his 8-year-old daughter. As a retired naval officer, he especially delights in offering one-on-one lessons in astronomy and space exploration. However, like most children, his daughter is busy with school work and other activities, leaving little time for day-long trips to the city planetarium.

Sengun recently discovered SkyGlobe, an award-winning shareware planetarium program that is fast, fun and easy-to-use and that rivals the more expensive commercial software. SkyGlobe features more

than 25,000 stars and constellations, the planets, sun, moon, the Messier objects and more. Using a mouse or simple command keys, it offers constellation boundary lines and image display.

"With the help of SkyGlobe, I try to show my daughter the skies and motions of the stars and planets," says Sengun. "This program is an excellent simulation of a planetarium that serves as an educational tool for children and adults."

He says using SkyGlobe has the same effect as traveling to the planetarium—without the extra hours and expense. An added benefit of SkyGlobe is being able to select the time and location of display, which provides the Sengun family with hours of educational entertainment.

—CC



## GRAPHICS

**War on Fleas**—How to rid your home and pets of fleas. Pets/Animal Forum (GO PETS), Library 1, "Pets Info Center," FLEAS.DOC (6,254 bytes).

**Housebreaking Pets**—Information on crate training your dog/puppy. Pets/Animal Forum, Library 3, "Dog Library," CRATE2.TXT (4,035 bytes).

**Adding a Cat**—How to ease the transition when adding a cat to a household with existing pets. Pets/Animal Forum, Library 4, "Cat Library," NEWCAT.TXT (5,336 bytes).

**Veterinary Advice**—What you should be doing with your vet. Pets/Animal Forum, Library 4, VETCON.TXT (10,544 bytes).

**Animal Testing**—Lists of companies that do and do not test their products on animals. Pets/Animal Forum, Library 14, "News/Issues/Laws," TES.TXT (3,236 bytes) and NOTEST.TXT (15,766 bytes).

### AMIGA

**Math Tutor**—Tutors kids from 4 to 14 in addition, subtraction and multiplication. Amiga User Forum (GO AMIGAUSER), Library 13, "General Apps," COUNT.LZH (104,560 bytes).

**Division Tutor**—Tutors kids of all ages in division. Amiga User Forum, Library 13, DIVISN.LZH (185,731 bytes).

**Morse Code**—Morse code practice/training program. Amiga User Forum, Library 13, MOR-391.LHA (10,253 bytes).

### IBM

**Intro to PCs**—Outline for two-hour course. Computer Training & Support Forum (GO DPTRAIN), Library 8, "DPTRAIN Thinktank," PCINTR.2HR (5,000 bytes).

**Intro to PCs and DOS**—Outline for four-hour course. Computer Training & Support Forum, Library 8, PCINTR.4HR (5,000 bytes).

**Virus Simulator**—Simulates viruses on your PC. Freeware. Markt & Technik Forum (GO MUTFORUM), Library 3, "Spiele, Simulation," VIRLB.EXE (85,856 bytes).

**Genealogy Tracking Program**—Brother's Keeper. Genealogy Forum (GO ROOTS), Library 3, "MS-DOS Software." Four parts: BK5A.EXE (277,851 bytes), BK5B.EXE (284,923 bytes), BK5C.EXE (352,835 bytes), BK5D.EXE (440,508 bytes).

### MACINTOSH

**Japanese Dictionary**—Macintosh HyperCard Japanese/English dictionary. Foreign Language Education Forum (GO FLEFO), Library 7, "East Asian," JAPAN.SIT (507,000 bytes).

### PALMTOPS

**Portfolio Demo**—Excellent graphic demonstration of Atari's IBM-compatible palmtop, the Portfolio; runs on desktop PCs. Freeware. Atari Portfolio Forum (GO APORTFOLIO), Library 17, "Misc. Files," PDEMO.ZIP (295,637 bytes).

**1964 Shelby A.C. Cobra**—Picture of classic American car. Automobile Forum (GO CARS), Library 11, "Collectors' Corner," 64COBR.GIF (142,000 bytes).

**Star Trek**—TNG Hologram of USS Enterprise. Collectibles Forum (GO COLLECT), Library 3, "Nonsports and Comics," ST.GIF (61,339 bytes).

**Snowy Owl**—Picture of owl under starry night. Computer Art Forum (GO COMART), Library 6, "World of Nature," SNOOWL.GIF (104,448 bytes).

**Typical Planetary Cutaway View**—Drawn by Tom Hudson. Computer Art Forum, Library 8, "Fantasy & Sci-Fi," GLOBE.GIF (7,276 bytes).

**Space Shuttle Challenger**—From Jan. 28, 1986. Graphics Corner Forum (GO CORNER), Library 10, "Space & Astronomy," SHTL01.GIF (71,330 bytes).

**Type Gauge**—PostScript file will generate type gauge showing inches, picas, centimeters and more on any PostScript printer. Freeware. Desktop Publishing Forum (GO DTPFORUM), Library 7, "Samples & Templates," TYPEGA.SIT (64,000 bytes).

**Mirror, Mirror**—By Gunni Nilsson Price. Fine Art Forum (GO FINEART), Library 4, "Gunni Nilsson Price," MIRMIR.GIF (150,592 bytes).

**Medusa**—By Caravaggio. Fine Art Forum, Library 9, "Old Masters," CRV003.GIF (193,342 bytes).

**Self-Portrait**—By van Gogh. Fine Art Forum, Library 9, VG0001.GIF (189,568 bytes).

**Visual GIF Catalog #1**—Thirty images from Smithsonian Online. Graphics Gallery Forum (GO GALLERY), Library 3, "SI: Smithsonian Art," SI01.GIF (107,715 bytes).

**Giant Pandas**—Ling-Ling and Hsing-Hsing of the Washington, D.C., Zoo. Graphics Gallery Forum, Library 6, "SI: Science/Nature," PANDAS.GIF (176,689 bytes).

**Grand Canyon**—From photo by Woodbridge Williams. Graphics Gallery Forum, Library 14, "America! West," GCANYN.GIF (97,793 bytes).

**Raytraced Marble Sculpture with Nearby Lady**—By Dion Kraft. Graphics Developers Forum (GO GRAPHDEV), Library 7, "Raytrace Images," JADELV.GIF (105,600 bytes).

**Sea Dancers**—Pen and ink by Marilyn Morey. Graphics Plus Forum (GO GRAPHPLUS), Library 3, "Hall of Fame," SEADAN.GIF (28,187 bytes).

**Graphics Interchange Format**—Official ASCII version of the specification. Graphics Support Forum (GO GRAPHSUP), Library 16, "Standards and Specs," GIF89A.DOC (85,478 bytes).

**Digital Imaging**—Rand Molnar's report on his experience at Kodak's Center for Creative Imaging, a digital-imaging learning center. Photography Forum (GO PHOTOFORUM), Library 5, "Digital Imaging," CAMDEN.TXT (11,000 bytes).

**Ethics Discussion**—Does digitally altering news photos affect credibility? Photo Forum, Library 5, ETHIC1.ZIP (75,000 bytes).

**Model Release**—When and why you need one. Photo Forum, Library 13, "Business/Marketing," MODEL.R.THD (60,000 bytes).

**Hot-air Balloons**—At fair near Baton Rouge. Quick Pictures Forum (GO QPICS), Library 4, "Cars/Boats/Planes," BALON1.GIF (122,978 bytes).

**Stonehenge**—Seen during Summer Solstice in June of 1987. Quick Pictures Forum, Library 11, "Landmarks," HENGE.GIF (19,712 bytes).

### AMIGA

**Fractal Generator**—Generates chaotic Lyapunov patterns. Amiga Arts Forum (GO AMIGAARTS), Library 14, "Graphic Utilities," LYAPUN.LHA (102,793 bytes).

**Screen Grabber**—Grabs any screen, window or portions as an IFF-ILBM file. Amiga Arts Forum, Library 14, GRBIFF.LHA (29,843 bytes).

**Animator**—Uses the skeletal technique of modeling objects and simple tweening. Amiga Arts Forum, Library 14, KFAST.LZH (60,273 bytes).

## ATARI

**Paint Program**—Full-featured graphics package for Portfolio. Atari Portfolio Forum (GO APORT-FOLIO), Library 11, "Graphics," SPAINT.ZIP (18,917 bytes).

**Paint Program**—Many resolutions and tools including lines, boxes, circles, text, pixel editing, area fills, and copy and paste. Atari Arts and Entertainment Forum (GO ATARIARTS), Library 14, "Viewer/Utilities," ART232.ARC (60,544 bytes).

**Graphics Viewer**—Supports IMG, PI, JPEG, TIFF, GIF, GEM, BMP and XIMG. Atari Arts and Entertainment Forum, Library 14, GEMVEW.LZH (336,896 bytes).

**File Viewer**—Conversion/viewing program for many different picture formats. Atari Arts and Entertainment Forum, Library 14, PICSW7.ARC (36,608 bytes).

**Drawing Program Demo**—Silhouette, a bit-image and vector graphics drawing program. Atari Vendor Forum (GO ATARIVEN), Library 6, "Maxwell CPU," S137TT.LZH (113,664 bytes).

**Animation**—Ball rolling across checkered floor. Atari Vendor Forum, Library 9, "Lexicor Software," REFLEC.LZH (517,000 bytes).

**Fonts**—Ten Calamus fonts in Old English and Script styles. Atari Vendor Forum, Library 17, "ISD Marketing," MSFONT.ARC (224,000 bytes).

## COMMODORE

**Art/Music**—Swinth, a kinetic art routine for the C-64. Commodore Music, Graphics/GEOS and Games Forum (GO CBMART), Library 10, "Graphics Util & GIF," SWINTH.BIN (13,292 bytes).

**GIF Viewer**—Views GIF pictures on C-64. Commodore Music, Graphics/GEOS and Games Forum, Library 10, VGIF64.BIN (18,010 bytes).

**Graphics Converter**—GIF to geoPaint converter for the C64/128 using GEOS. Shareware. Commodore Music, Graphics/GEOS and Games Forum, Library 13, "GEOS in General," GEOGIF.BIN (11,776 bytes).

## IBM

**Animation Software**—Windows program for demos, intros, logos, etc. Shareware. Markt & Technik Forum (GO MUTFORUM), Library 1, "Anwendungen, Grafik," TAKEON.EXE (171,321 bytes).

**Animation Player**—By Autodesk for demos with FLI extensions. Computer Art Forum (GO COMART), Library 10, "Animation," AAPLAY.ZIP (56,764 bytes).

**Wheelchair Symbol**—International wheelchair access symbol in TIFF format. Freeware. Desktop Publishing Forum (GO DTPFORUM), Library 3, "TIFF Clip Art," HANCAPT.TIF (15,000 bytes).



JIM RUSH

## Tales from the Download: Elyse Chapman

Claremont, Calif.

**Favorite File:** LEFTYC.SIT (31,488 bytes); shareware, \$10

**Location:** Desktop Publishing Forum (GO DTPFORUM), Library 8, "Mac Fonts"

Striking a balance between the speed and efficiency of automation with the vitality of the personal touch is the task Elyse Chapman often faces in her work as a free-lance art director and designer.

Advertisers occasionally want promotional pieces to be handwritten. Although this is possible, it is time-consuming. In one incident, the president of a newly reorganized company wanted to publish an advertisement to longtime customers using the format of a handwritten corporate memo, but his handwriting was illegible.

Chapman turned to the Desktop Publishing Forum where she found Lefty Casual, a Type 1 PostScript font for the Macintosh. A classic example of left-handed printing, it is designed to look like actual handwriting. Unlike some of the beautiful, handwriting-inspired fonts produced commercially that are usually too perfect to look real, Lefty Casual fit the bill for Chapman's client.

"The ad was a great success," says Chapman. "My client was delighted with the customers' response to it."

She has even adopted Lefty Casual for her personal correspondence, but please don't tell her mother those letters aren't really handwritten!

—CC

**Fractal Generator**—Fractint, a popular and free fractal generating program. Freeware. Graphics Developers Forum (GO GRAPHDEV), Library 4, "Fractal Sources," FRAINT.EXE (451,840 bytes).

**Polyray Raytracer Archive**—Needed for version 1.4 (AT or higher needed to run). Graphics Developers Forum, Library 6, "Raytrace Sources," PLY286.ZIP (252,489 bytes).

**Raytracer Program**—POV-Ray 1.0. Graphics Developers Forum, Library 8, "POV Sources," POVIBM.ZIP (235,747 bytes).

**Graphics Display System**—CompuShow 8.50a. Shareware. Graphics Support Forum (GO GRAPHSUP), Library 3, "Decoders/Encoders," CSHOWA.EXE (132,314 bytes).

**Graphics Viewer**—VPIC 5.1; supports GIF, BMP and others. Shareware. Graphics Support Forum, Library 3, VPIC.ZIP (137,116 bytes).

**Image Processing Program**—Piclab 1.91; for GIF, PPM and Targa files. Freeware. Graphics Support Forum, Library 10, "Piclab," PICLAB.ZIP (174,885 bytes).

**Animation Player**—Plays GL format files. Freeware. Graphics Support Forum, Library 11, "GRASP Demos," GRASPT.ZIP (68,369 bytes).

**AddComment**—Graphics forums staff tool for adding text comments to GIF images. Freeware. Graphics Support Forum, Library 14, "Misc Util/Code," AC.ZIP (18,354 bytes).

**GIF Data Stream Analysis Tool**—QuickCheck 2.20. Freeware. Graphics Support Forum, Library 14, QCHK.ZIP (29,081 bytes).

**Complete WinRIX/dcs**—Version 1.1 for Windows. Graphics Vendor Forum (GO GRAPHVEN), Library 7, "RIX Softworks," NEWDCS.ZIP (582,400 bytes).

**Windows Graphics Tool**—Paint Shop Pro displays, converts, alters, captures and prints images. Shareware. IBM Applications Forum (GO IBMAPP), Library 10, "Graphics," PSP.ZIP (200,608 bytes).

**Kaleidoscope Art**—Dazzle offers EGA/VGA computer art. Shareware. IBM New Users Forum (GO IBMNEW), Library 5, "Graphics," DAZZLE.EXE (165,338 bytes).

**Image Viewer**—JPGVIEW 4.0 handles JPEG (JFIF, JTIF, JPG), LEAD, TGA, BMP, TIF, PCX, GIF and others. Shareware. Photography Forum (GO PHOTOFORUM), Library 15, "Utilities/GIF/ZIP," JPVIEW.ZIP (151,000 bytes).

## MACINTOSH

**Typeface Reference Maker**—Aids in the creation and maintenance of a typeface reference book. Freeware. Desktop Publishing Forum (GO DTPFORUM), Library 5, "Mac DTP Utilities," TYPEBK.SEA (114,000 bytes).

**Davys Dingbats**—Macintosh PostScript Type 1 font with cats, ballerinas, moons, floral patterns and others. Shareware. Desktop Publishing Forum, Library 8, "Mac Fonts," DAVYSD.CPT (266,000 bytes).

**GIF Decoder and Converter**—GIFConverter 2.2.10. Shareware. Graphics Support Forum (GO GRAPHSUP), Library 3, "Decoders/Encoders," GIFCNV.SEA (189,056 bytes).

**Molecular Modeling**—MacMolecule generates molecular structures. Mac Applications Forum (GO MACAP), Library 9, "Graphics Tools," MAC-M17.SEA (231,296 bytes).



**Television Help**—Buyer's guide to TVs and projection television. Consumer Electronics Forum (GO CEFORUM), Library 2, "Video Hardware," TV92.TXT (30,843 bytes).

**VCR Buyer's Guide**—Advice on purchasing VCRs, camcorders and video accessories. Consumer Electronics Forum, Library 2, VCR92.LST (53,645 bytes).

**Film List**—List of film plots, casts, release dates, etc., from 1992-1994. Consumer Electronics Forum, Library 7, "Films/Theaters," FILM92.ZIP (166,983 bytes).

**Online Chess**—Chess Club rules and instructions for playing online. Chess Forum (GO CHESS-FORUM), Library 1, "General/Help," HOWTO.TXT (19,746 bytes).

**Playing Tips**—Guide to playing casual games online in the forum. Chess Forum, Library 6, "Casual Games," CASUAL.TXT (5,305 bytes).

**Forum File Index**—Master index of all MIDI/Music Forum files compressed to reduce download time. MIDI/Music Forum (GO MIDIFORUM), Library 1, "New Uploads," MASTER.ZIP (99,200 bytes).

**Rhapsody in Blue**—Enjoyable rendition of George Gershwin's "Rhapsody in Blue" in MIDI File Format. MIDI/Music Forum, Library 10, "MIDI Song Files," RAPSDY.ZIP (30,208 bytes).

**MegaWars I Map**—Galaxies from *MegaWars I*. Multiplayer Games Forum (GO MPGAMES), Library 2, "MegaWars I," MW1.MAP (7,055 bytes).

**MegaWars III Starter Kit**—Introduction for new *MegaWars III* Players. Multiplayer Games Forum, Library 3, "MegaWars III," STARTE.ARC (65,408 bytes).

**Kesmai Guide**—Instructions for *Island of Kesmai*. Multiplayer Games Forum, Library 4, "IoK/Beginners," KOMPAN.MAN (151,811 bytes).

**Island of Kesmai Map**—Depiction of *Island of Kesmai* surface and dungeons. Multiplayer Games Forum, Library 7, "IoK/Techniques," KESMAI.MAP (31,663 bytes).

**Help for YGI!**—Basic commands for playing YGI! Multiplayer Games Forum, Library 12, "YGI!/Tech," COMNDS.REF (4,224 bytes).

**Sniper! Basics**—Beginners guide to *Sniper!* Multiplayer Games Forum, Library 13, "Sniper!," RECRUT.HLP (54,034 bytes).

**Best CDs**—Best classical CDs according to member panel of forum experts. Music/Arts Forum (GO MUSICARTS), Library 2, "Classical Music," BEST.TXT (71,968 bytes).

**Jazz Article**—Wealth of jazz information, including hard-to-find recordings, films, interviews, photographs, books and periodicals. Music/Arts Forum, Library 3, "Jazz/Blues Music," LIBRAR.TXT (19,391 bytes).

**Guitar Buying Guide**—Forum messages concerning new and used guitar purchases, covering brands, models, prices and features. Music/Arts Forum, Library 9, "Instruments/Sounds," GITARZ.ARC (36,736 bytes).

**Play-by-Mail**—Information on play-by-mail companies in the forum. Play-by-Mail Games Forum (GO PBMGAMES), Library 1, "General/Help," INFO.VEN (5,942 bytes).

**Starcon**—Rules for the *Starcon* play-by-mail game. Play-by-Mail Games Forum, Library 3, "SF Games/Closed-End," RULES.STC (39,507 bytes).

**Diplomacy Online**—Rules for playing the game. Play-by-Mail Games Forum, Library 7, "Diplomacy/Games," RULES.DIP (2,915 bytes).

**Dog Show Terms**—What to watch for at a dog show. Pets/Animal Forum (GO PETS), Library 3, "Dog Library," CONSHW.TXT (7,315 bytes).

**Online Games**—List of CompuServe's role-playing games played online. Role-Playing Games Forum (GO RPGAMES), Library 1, "General/Help," GAMES.LST (5,387 bytes).

**GameMasters Information**—Help for online GameMasters. Role-Playing Games Forum, Library 10, "GameMastering," INFO.GM (8,208 bytes).

**Car Rental Advice**—Tips to follow when renting a car. Travel Forum (GO TRAVSIG), Library 0, "General Interest," CARREN.HOW (12,058 bytes).

**Australia**—Message thread with comments from Australian and New Zealander members. Travel Forum, Library 6, "Oceania," AUSTRL.TH (29,112 bytes).

**Eurail Train Trips**—Hints on European train travel. Travel Forum, Library 12, "Rail Travel," EURAIL.INF (41,913 bytes).

## AMIGA

**Sports Game**—Bloody, with orcs, skaven, slann and elves. Shareware. Amiga Arts Forum (GO AMIGAARTS), Library 2, "Games," BLOOD.LHA (260,736 bytes).

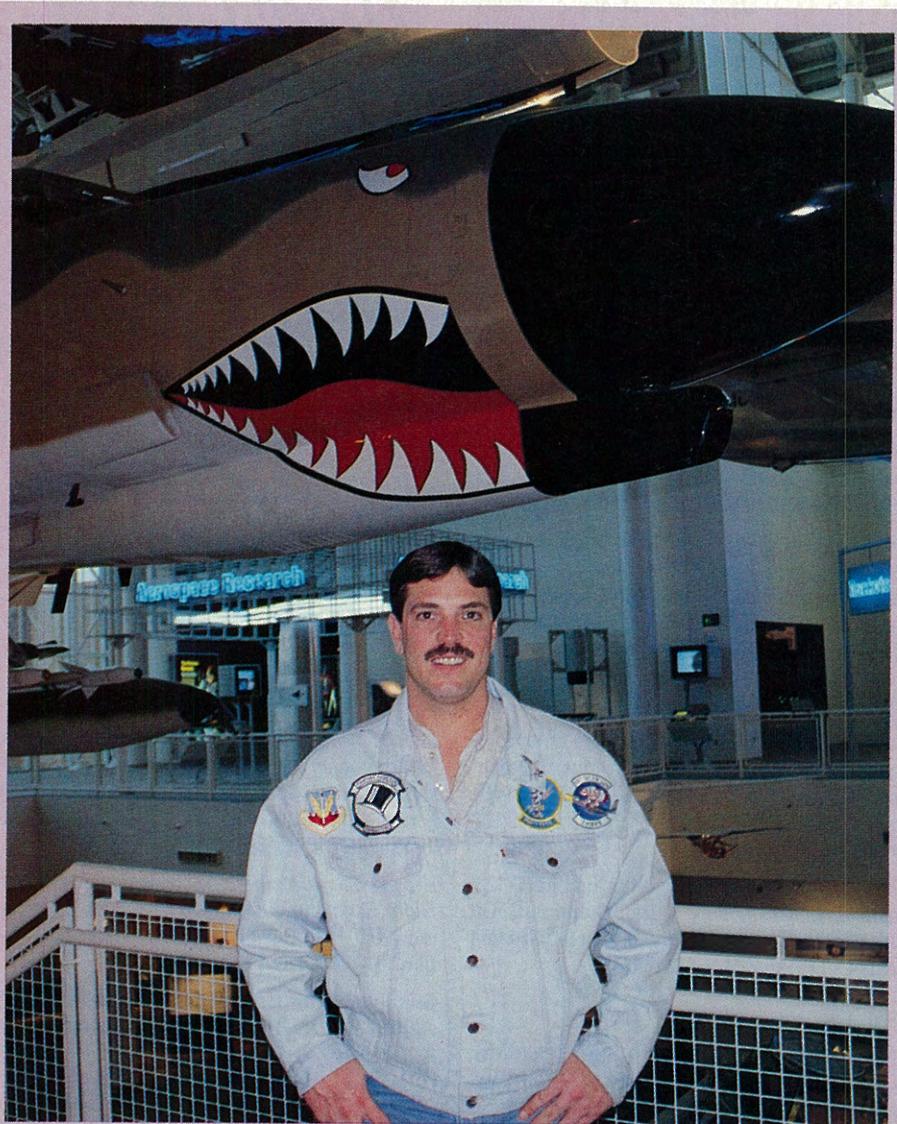
**Tank Game**—For one player, with multiple playfields. Amiga Arts Forum, Library 2, BLTZA.LZH (131,840 bytes).

**Voice Utilities**—Offers voice-activated command execution. Amiga Arts Forum, Library 7, "Audio/MIDI Utils," VCLI5.LHA (27,212 bytes).

## ATARI

**Mah Jong**—Solitaire version featuring many options for customization. Freeware. Atari 8-bit Forum (GO ATARI8), Library 10, "Games," MYJONG.ARC (14,976 bytes).

**Two-Player Game**—*Tricky Tracks* game challenges one or two players to construct a continuous track from a board of unconnected sections. Atari 8-bit Forum, Library 10, TRICKY.OBJ (13,568 bytes).



TONY GIANNINI

## Tales from the Download: Tony Giannini

Hampton, Va.

**Favorite File:** FALCNR.ZIP (124,786 bytes); freeware

**Location:** Flight Simulation Forum (GO FSFORUM), Library 8, "Modern Air Combat"

After 24-hour shifts as a fire fighter, Tony Giannini needs to relax. The best way for him is to take off in his F-16 over Iraq to drop a few bombs—with his computer and Spectrum HoloByte's *Falcon* flight simulation game, that is.

What started as "a great way to vent frustration" has turned into a full-fledged hobby that now requires a '486 computer, super VGA and a keyboard emulator, as well as frequent library research on the techniques of real military pilots and supplementary software to enhance *Falcon*.

His favorite program addition is *Falconer* 3.1, freeware in the Flight Simula-

tion Forum billed as *the* survival tool for *Falcon* campaigns. It allows users to play God, resurrecting dead pilots, issuing spare supplies until kingdom come and more.

A key to successful play is managing the crew of pilots; however, *Falcon* doesn't provide an easy way to do this. The *Falconer* shell allows players to learn more about their pilots and to change their features. Pilots killed during a mission can be brought back to life; those tired from hours of flying can instantly rest and be ready to go again; and those better at dogfights than bombing can learn new skills instantly. Pilots become perfect with *Falconer*.

Giannini plays *Falcon* an hour a day, but spends many hours thinking of strategy and learning techniques. "It's neat that the computer has allowed this kind of reality," he says. "After all, speed is life."

—CC

**Defender-style Game**—A fast action arcade game. Atari Arts and Entertainment Forum (GO ATARIARTS), Library 2, "Games," BLASTE.ARC (28,160 bytes).

**Poker Cards**—Five-card draw poker played against four "seasoned" computer opponents. Atari Arts and Entertainment Forum, Library 2, COYOTE.LZH (151,040 bytes).

**Asteroids-style Game**—Arcade game. Atari Arts and Entertainment Forum, Library 2, MEG-ARD.PRГ (46,720 bytes).

**Robotron-style Game**—Llamatron (Robotron clone), excellent sound/graphics arcade. Atari Arts and Entertainment Forum, Library 2, TRON.LZH (168,704 bytes).

**Music Player**—Supports many file formats. Atari Arts and Entertainment Forum, Library 5, "Music/MIDI," MMM211.LZH (92,915 bytes).

**Music Lessons**—Demo of MIDI Music Lessons from MIDImouse Music for learning to read and play keyboard music, chords and scales. MIDI/Music Forum (GO MIDIFORUM), Library 4, "Atari Files," MIDEMO.ARC (216,800 bytes).

## COMMODORE

**Music Player**—Plays six-voice songs on a Commodore C-64/C-128. Commodore Music, Graphics/GEOS and Games Forum (GO CBMART), Library 4, "Music Util/Demos," STRP10.IMG (49,536 bytes).

**Tetris Clone**—80-column Tetris on the C-128. Shareware. Commodore Music, Graphics/GEOS and Games Forum, Library 8, "Arcade/Action Games," TETRIS.BIN (9,472 bytes).

## IBM

**Chess Aid**—ChessBase 3.0. Freeware. Chess Forum (GO CHESSFORUM), Library 5, "Hardware/Software," CBDEMO.ZIP (143,744 bytes).



**Electronic TV Guide**—Software for the Personal Entertainment Guide, an electronic TV Guide-style program. Shareware. Consumer Electronics Forum (GO CEFORUM), Library 16, "P.E.G.-TV Listings," PEGWAR.EXE (258,405 bytes).

**Flight Simulator**—Enhancements for Microsoft Flight Simulator. Freeware. Flight Simulation Forum (GO FSFORUM), Library 2, "General Aviation," DOODAD.TXT (22,405 bytes).

**Supply Editor**—Falcon and Campaign Supply editor. Freeware. Flight Simulation Forum, Library 8, "Modern Air Combat," FALCNR.ZIP (124,786 bytes).

**Airport Advice**—How to make good landings with Flight Simulator. Flight Simulation Forum, Library 11, "Flight Instruction," LANDIN.ZIP (12,320 bytes).

**Hint System**—Universal Hint System Reader offers computer game hints. Freeware. Gamers' Forum (GO GAMERS), Library 1, "General/Help," UHSDOS.ZIP (56,692 bytes).

**Adventure Game**—Hugo's House of Horrors. Shareware. Gamers' Forum, Library 2, "Adventure Games," HUGO.ZIP (234,553 bytes).

**Utility Editor**—Editor for Civilization. Freeware. Gamers' Forum, Library 3, "War/Strategy Games," CIVED.ZIP (70,678 bytes).

**Golf Course**—Muirfield Golf Course for Jack Nicklaus. Freeware. Gamers' Forum, Library 6, "Sports Games," FIELD.ZIP (157,374 bytes).

**Windows Fantasy**—Castle of the Winds fantasy game for Windows. Shareware. Gamers' Forum, Library 9, "Computer Role-Playing Games," SCASTL.ZIP (437,710 bytes).

**Ultima VII**—Complete walkthrough for Ultima VII game. Gamers' Forum, Library 15, "TEG Magazine," ULT7.WLK (39,405 bytes).

**Crawling Critters**—Demo of Lemmings arcade game. Freeware. Game Publishers A Forum (GO GAMAPUB), Library 16, "Other Publishers," LEMING.ZIP (306,772 bytes).

**Falcon 3.0**—Playable demo of Falcon 3.0 flight simulator. Freeware. Game Publishers B Forum (GO GAMPUB), Library 3, "Spectrum HoloByte," FALD3.ZIP (656,725 bytes).

**Chinese Checkers**—Stunning animated classic board game for up to six players. Shareware. IBM New Users Forum (GO IBMNEW), Library 6, "General Fun and Games," CCHECK.ZIP (223,996 bytes).

**MIDI Guide**—A list of commercial MIDI software for IBM-compatible computers, including locations of demo versions on CompuServe. MIDI/Music Forum (GO MIDIFORUM), Library 3, "MIDI Basics," IBMSW.TXT (4,312 bytes).

**Sound Card Editor**—Blaster Master music editor for the Sound Blaster, Sound Blaster Pro, Thunderboard, and ATI Stereo FX cards. Shareware. MIDI/Music Forum, Library 15, "Sound Card Files," BMSTR5.ZIP (246,070 bytes).

**Kesmai Front-end**—Adds graphics to Island of Kesmai. Freeware. Multiplayer Games Forum (GO MPGAMES), Library 4, "IoK/Beginners," THEGUI.ZIP (112,012 bytes).

**Backgammon Rules**—Rules for backgammon tournaments in CompuServe's Entertainment Center. Multiplayer Games Forum, Library 16, "ECenter," BGC.RUL (13,406 bytes).

**Character Abilities Generator**—Generates abilities for characters for Advanced Dungeons & Dragons. Freeware. Role-Playing Games Forum (GO RPGAMES), Library 2, "AD&D," PCGEN.ZIP (33,920 bytes).

**Gamemaster's Assistant**—Modular Gamemaster's Assistant program. Freeware. Role-Playing Games Forum, Library 10, "Game-Mastering," CAVERN.ZIP (170,880 bytes).

## Charitable Donations: How to Upload

CompuServe and its forums encourage members to contribute, or "upload" files that can be retrieved, or "downloaded" and used by others. You're not billed for connect time spent while uploading files.

If you're a user of CompuServe Information Manager, submitting files to a forum is a snap. Just select the Library menu and choose "Contribute." You're prompted for a file name and guided through the steps.

Uploading also is easy if you use one of the CompuServe auto-access programs, such as TAPCIS for IBM PCs or CompuServe Navigator for the Macintosh.

If you're using another telecommunication package, check your software manual for specific instructions on how to upload. You'll also find tips in help files in many forum libraries.

Here are some guidelines to keep in mind before uploading:

1. Make sure the file is not copyrighted. If it is, get permission from its owner.
2. Don't upload the same file to more than one library or forum. Pick the right place for it. Many forums have a "New Uploads" library.
3. If it's a large file, submit it in compressed format. Check with the forum manager about this. (See "The Lowdown on Downloading," p. 14.) If you compress it, make sure downloaders don't need a password to use it.
4. Describe your file as clearly as possible when uploading, so that everyone who might be interested will know what it does.
5. Finally, if you have a question, post a message for the forum manager.

—MN

**WordPerfect Blackjack**—A complete blackjack game constructed entirely from WordPerfect macros. WordPerfect Users Forum (GO WPU-SERS), Library 4, "Macros/Merges DOS," BLKJAK.ARC (9,856 bytes).

## MACINTOSH

**Breakout Game**—Time-honored "bricks and bouncing ball" game. Mac Entertainment Forum (GO MACFUN), Library 2, "Arcade/Action Games," DIAM16.SIT (324,224 bytes).

**Empire Builder**—Advanced *Galactic Conquest*, where players build individual empires on up to 400 planets. Mac Entertainment Forum, Library 3, "Adventure/War Games," ADGALC.CPT (113,536 bytes).

**Classic Trek**—Perhaps the best *Star Trek* shareware strategy game available for the Mac. Shareware. Mac Entertainment Forum, Library 3, TRK142.CPT (133,760 bytes).

**Ditholous Incident**—As captain of the Enterprise, can you boldly go where no one has gone before? Mac Entertainment Forum, Library 3, DTREK1.SEA (752,896 bytes), DTREK2.SEA (698,240 bytes).

**Vegas Poker**—Classic poker machine with color. Mac Entertainment Forum, Library 4, VGP-K30.SEA (240,640 bytes).

**Chess Analyzer**—Analyzes chess games, move by move. Mac Entertainment Forum, Library 4, CHESPK.SIT (102,272 bytes).

**Space Arcade**—*Continuum*, a classic outer space arcade-style game. Shareware. ZiffNet/Mac Download and Support Forum (GO ZMC:-DOWNTech), Library 1, "Applications," CONTIN-CPT (102,000 bytes).

**Egyptian Arcades**—*Glypha II*, a fast, jousting arcade game with an Egyptian theme. Freeware. ZiffNet/Mac Download and Support Forum, Library 1, GLYPHA.SEA (200,000 bytes).

## NEXT

**NeXT Game**—*BlastAppV3*, the ultimate NeXT-step shoot-'em-up game. NeXT Users Forum (GO NEXT), Library 1, "Recreation," BLAST3.TAZ (95,744 bytes).

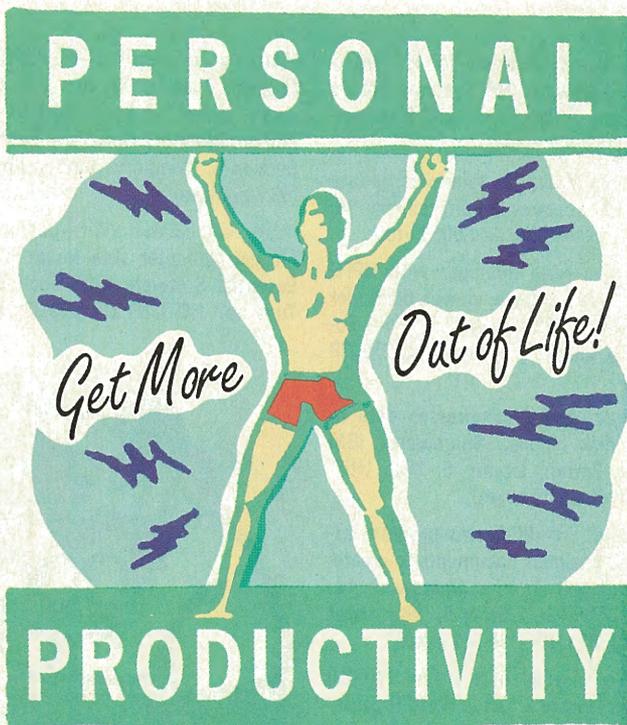
## PALMTOPS

**Letter Game**—Overlooked yet fun game to find the letter that doesn't change. Freeware. Atari Portfolio Forum (GO APORTFOLIO), Library 4, "Entertainment," FINDME.COM (1,862 bytes).

**Minesweeper**—Clear the minefield without blowing up. Freeware. Atari Portfolio Forum, Library 4, LMINE.EXE (6,561 bytes).

**Tetris**—Classic *Tetris* clone for Portfolio. Freeware. Atari Portfolio Forum, Library 4, PRTRIS.ZIP (6,193 bytes).

**Psion Game**—A 36-level graphical arcade/adventure/maze for *Psion*. Shareware. Palmtop Forum (GO PALMTOP), Library 7, "Psion," BOM107.ZIP (15,220 bytes).



## AMIGA

**AmigaDOS Monitor**—Helps you see what libraries, devices, fonts, environment variables or startup files a program is looking for. Amiga Tech Forum (GO AMIGATECH), Library 11, "System Utilities," SNOOPD.LHA (35,941 bytes).

**File Requester**—Automatically replaces default system file requester. Shareware. Amiga Tech Forum, Library 13, "Libraries," FRQLIB.LHA (96,543 bytes).

**Address Filer**—Rolodex-type name and address program. Shareware. Amiga Users Forum (GO AMIGAUSER), Library 13, "General Apps," AMIDEX.LZH (80,120 bytes).

**VCR Tape Database**—With built-in search and print capabilities. Shareware. Amiga Users Forum, Library 13, VCR.LZH (107,922 bytes).

**Program Launcher**—ToolManager 2.0, an AmigaDOS 2.0 utility offering a flexible interface for launching programs. Amiga Users Forum, Library 15, "General Utilities," TMAN20.LHA (580,000 bytes).

## ATARI

**High Capacity**—DOS that handles high-capacity disks, including hard disks, in a familiar AtariDOS type of menuing system. Freeware. Atari 8-bit Forum (GO ATARI8), Library 3, "System Utilities," MYDOSM.ARC (71,130 bytes).

**DOS Enhancer**—Adds more than 20 new commands to SpartaDOS 3. Shareware. Atari 8-bit Forum, Library 3, WEDG21.ARC (61,952 bytes).

**Disk Utility**—Determines file type from 37 different formats. Freeware. Atari 8-bit Forum, Library 3, WHATIS.ARC (8,448 bytes).

**Compression**—Self-extracting Atari ST package with ARC, LHarc and ARCSHELL. Freeware. Atari ST Productivity Forum (GO ATARIPRO), Library 4, "Utility Programs," ARCLZH.PRG (134,549 bytes).

**Backup**—Fast Atari ST hard disk backup program. Shareware. Atari ST Productivity Forum, Library 4, CHEETA.ARC (41,984 bytes).

**General Utility**—Atari ST text reader, ARC utility and file converter program. Shareware. Atari ST Productivity Forum, Library 4, DCOP36.ARC (34,688 bytes).

**Editor**—GEM-based word processor with thesaurus. Shareware. Atari ST Productivity Forum, Library 5, "Applications," DBWRIT.LZH (103,936 bytes).

**Item Selector**—Replaces Atari ST's stock item selector. Shareware. Atari ST Productivity Forum, Library 6, "ACCs and Setups," LGS18.ARC (41,216 bytes).

**Mouse Accelerator**—AUTO program for Atari ST mouse and screen-saver options. Freeware. Atari ST Productivity Forum, Library 6, MACCEL.LZH (9,344 bytes).

**French Word Processor**—Demo of La Redacteur. Atari Vendor Forum (GO ATARIVEN), Library 5, "MacDonald Associates," RED\_DE.LZH (371,072 bytes).

**Boot Utility**—Lets you run boot disks from the desktop. Atari Vendor Forum, Library 13, "Double Click Software," DCBTIT.ARC (5,120 bytes).

**Desktop Enhancer**—Organize your DC Desktop bootup. Atari Vendor Forum, Library 13, DCD-AUT.ARC (21,376 bytes).

**Print Utility**—DC Directory Dump lets you print any directory's contents to the screen, printer or file. Freeware. Atari Vendor Forum, Library 13, DCDDMP.ARC (5,504 bytes).

## IBM

**Atari Disk Reader**—IBM program to read Atari disks formatted under MS-DOS. Freeware. Atari 8-bit Forum (GO ATARI8), Library 3, "System Utilities," DSKUTL.ARC (26,163 bytes).

**HP EtherTwist**—Latest software for HP EtherTwist LAN card. Freeware. HP Systems Forum (GO HPSYS), Library 7, "HP EtherTwist Networking," 27248.EXE (158,000 bytes).

**Update Disk**—New Wave for Windows update disk. Freeware. HP Systems Forum, Library 10, "HP NewWave," NW401.EXE (841,000 bytes).

**OS/2 File Manager**—File manager with HPFS support, directory tree, archive, viewer, file finder and more. Shareware. IBM Systems/Utilities Forum (GO IBMSYS), Library 2, "OS/2," XL2270.ZIP (236,639 bytes).

**Data Compressor**—SHEZ compresses data to consume less disk space. Shareware. IBM Systems/Utilities Forum, Library 6, "File Utilities," SHEZ02.ZIP (242,028 bytes).

**Document Assembler**—PC-Forms program assembles legal and business documents to create, maintain and print text libraries. Shareware. Legal Forum (GO LAWSIG), Library 5, "Software/Automation," PCFMS1.ZIP (136,522 bytes).

**Ami Pro 2.0 Notes**—List of the Ami Pro 2.0 technical notes in Library 2. Lotus Word Processing Forum (GO LOTUSWP), Library 2, "Ami Pro—Technotes," AP20TN.IDX (13,000 bytes).

**Ami Pro 3.0 Notes**—List of the Ami Pro 3.0 technical notes in Library 2. Lotus Word Processing Forum, Library 2, AP30TN.IDX (7,000 bytes).

**Disk Copier**—Copy any disks, including unusual formats and multiple copies. Super! Mouse and VGA required. Shareware. Markt & Technik Forum (GO MUTFORUM), Library 1, "Anwendungen, Grafik," VGACOP.EXE (224,435 bytes).

**Windows Compressor**—Shows, extracts, deletes ZIP/LZH/SFX/ARC. Shareware. Markt & Technik Forum, Library 2, "Tricks, Utilities," CPWINZ.EXE, (112,001 bytes).

**System Diagnosis**—Shows hardware configuration, BIOS, CMOS, RAM, mouse, memory, etc. Shareware. Markt & Technik Forum, Library 2, STATUS.COM (38,383 bytes).

**German Help for Windows**—German HLP files for Windows 3.1. Microsoft Central Europe Forum (GO MSCE), Library 5, "Sonstiges," WIN31H.ZIP (234,000 bytes).

**Database**—Information about PC-File, a Shareware database. PC Vendor A Forum (GO PCVENA), Library 1, "Buttonware," PCF65.INF (21,501 bytes).

**DOS Enhancer**—4DOS version 4.0 adds new DOS commands. PC Vendor B Forum (GO PCVENB), Library 10, "JP Software," 4DOS4P.ZIP (274,649 bytes), 4DOS4D.ZIP (manual, 247,120 bytes).

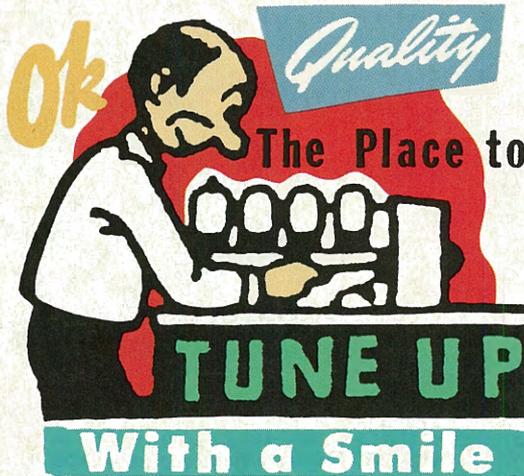
**WordPerfect Calendar**—Creates a set of 12 one-month calendars. WordPerfect Users Forum (GO WPUSERS), Library 4, "Macros/Merges DOS," CALNDR.ZIP (18,996 bytes).

**WordPerfect Addresses**—Macro makes mailing labels from on-screen addresses. WordPerfect Users Forum, Library 4, LABELZ.ZIP (11,777 bytes).

**WordPerfect Macros**—Pop-up menuing macro system for WordPerfect 5.1. WordPerfect Users Forum, Library 4, MKBOX.ARC (6,528 bytes).

**Memory Tune-up Kit**—Public Brand Software's Memory Tune-up Kit lets you control virtually every aspect of your memory under DOS 5. ZiffNet Essential Software Kits (GO ZNT:KITS), Section 3, "Memory Tune-up Kit," MEMTUN.ZIP (99,705 bytes).

**Hard Disk Tune-up Kit**—Beginner's kit includes file defragmenter, disk tester and more. ZiffNet Essential Software Kits, Section 4, "Hard Disk Tune-up," HDTUN1.ZIP (233,333 bytes).



**Windows Tune-up Kit**—Basic Edition can launch programs, change colors, change icons and more. ZiffNet Essential Software Kits, Section 5, "Windows Tune-up," WINTN1.ZIP (176,932 bytes).

**Emergency Toolkit**—Basic version will unerase deleted files, recover from a hard disk crash, or use preventive medicine against these emergencies. ZiffNet Essential Software Kits, Section 6, "Emergency ToolKits—Basic Version," EMERG1.ZIP (270,610 bytes).

**Spreadsheet Templates**—Surcharged templates to cover a wide variety of household and business calculations in Lotus 1-2-3, Excel and Quattro Pro. ZiffNet Designer Template Collection (GO ZNT:FORMS), Template Sampler (27,425-55,796 bytes).

**Tips and Tricks from PC/Computing**—1,001 tips and tricks and batch files from the magazine's pages in ZDG format. ZiffNet PC Contact Forum (GO ZNT:PCCONTACT), Library 0, "General/Forum Info," T1001A.ZIP (286,562 bytes), T1001B.ZIP (381,474 bytes).

**OS/2 and Networks**—How to install an OS/2 workstation on a Novell NetWare LAN. Table in ZDG format. PC Week Forum (GO ZNT:PCWEEK), Library 10, "Hot News," OS2LAN.ZDG (4,125 bytes).

**Windows and NetWare**—Setting up Windows 3.1 on a NetWare LAN. Table in ZDG format. PC Week Forum, Library 10, WINLAN.ZDG (4,407 bytes).

## MACINTOSH

**Mac and IBM File Sharing**—Explanation of how Mac and IBM-compatible users can share files compressed on each other's systems. Desktop Publishing Forum (GO DTPFORUM), Library 1, "Forum Transcripts," SHARE.TXT (17,000 bytes).

**Time Tracker**—Tracks amount of time spent on the computer. Mac Applications Forum (GO MACAP), Library 6, "General Business," LOG.SEA (27,264 bytes).

**Virus Checker**—Effective against all known viruses and Trojans, including T4 and ChinaTalk. Mac New Users/Help Forum (GO MACNEW), Library 6, "Anti-Virus Tools," GATKPR.CPT (226,688 bytes).

**Floating Point Unit Emulator**—Allows programs requiring a FPU to work on computers without one. Macintosh Systems Forum (GO MACSYS), Library 3, "INITs/Extensions," SFTFPU.SIT (66,304 bytes).

**System 7 Customizer**—Allows faster Finder copies and much more. Macintosh Systems Forum, Library 4, "Control Panels," 7PACK.CPT (45,312 bytes).

**Reminder System**—Notify control-panel-based reminder system. Shareware. Macintosh Systems Forum, Library 4, NOTIFY.SIT (71,686 bytes).

**Sound Assigner**—SndControl program assigns sounds to events. Shareware. Macintosh Systems Forum, Library 4, SNDCTL.SEA (56,448 bytes).

**Typing Utility**—Speeds up typing of abbreviations. Shareware. Macintosh Systems Forum, Library 4, TYPEIT.SEA (52,736 bytes).

**Document Creator**—Creates self-running, stand-alone documentation files with many features. Shareware. Macintosh Systems Forum, Library 7, "System Hardware," DOCMAK.SEA (173,056 bytes).

**Disk Copier**—Copies floppies. Shareware. Macintosh Systems Forum, Library 7, DSKDUPSIT (22,272 bytes).

**Folder Switcher**—Choose from pop-up menu of several system folders on a disk. Freeware. Macintosh Systems Forum, Library 7, SYSPKB.SIT (19,772 bytes).

**Alias Creator**—ZMakeAlias creates aliases for files from within the document's applications. Freeware. ZiffNet MacUser Forum, (GO ZMC:MACUSER) Library 3, "MacUser Utilities," ZMAKEA.SIT (45,000 bytes).

**System 7 Survival Guide**—System 7 information from 32 MacWEEK articles. MacWEEK Forum (GO ZMC:MACWEEK), Library 3, "Special Supplements," S7WRIT.SEA (112,896 bytes).

## NEXT

**NeXT Formats**—Guide to the file formats used in NeXT Forum libraries. NeXT Users Forum (GO NEXT), Library 2, "NeXT/Misc Info," README.TXT (9,440 bytes).

**NeXT Buyers**—List of who is buying NeXT computers and why. NeXT Users Forum, Library 2, WHOBUY.TXT (21,462 bytes).

**NeXT Decompressor**—Can extract ZIP, ARC, SIT, ZOO, LZH, HQX, BIN, shar, uuencode, compress and tar files. NeXT Users Forum, Library 5, "Applications," OPENER.TAZ (245,257 bytes).

## PALMTOPS

**BASIC Language**—PBasic, considered the classic freeware programming language for the Portfolio. Atari Portfolio Forum (GO APORTFOLIO), Library 8, "Programming," PBASIC.ZIP (142,836 bytes).

**Organizer Tips**—How to maintain a to-do list on an organizer. Palmtop Forum (GO PALMTOP), Library 3, "Sharp Wizard," TODO.THD (6,233 bytes).

**To-do List**—Prioritized action list for Psion. Palmtop Forum, Library 7, "Psion Inc.," PRIORI.ZIP (8,548 bytes).

**Wizard/PC Link**—WizLink for Windows allows importing and exporting between Sharp's Wizard and an IBM-compatible PC. Shareware. Palmtop Forum (GO PALMTOP), Library 3, "Sharp Wizard," WLW30A.EXE (47,2064 bytes).

**Cursor Expander**—Makes laptop cursor more visible. Palmtop Forum, Library 14, "Software Applications," BIGCSR.ZIP (3,549 bytes).

**Outliner**—Organize notes on the Poqet. Shareware. Palmtop Forum, Library 14, PCO-UTL.ZIP (100,352 bytes).

**File Compressor**—Compress EXE and COM files by half. Palmtop Forum, Library 14, PKL113.EXE (49,928 bytes).

**Power Management**—Utilities for the Sharp PC3000. Palmtop Forum, Library 14, POWER.ZIP (4,030 bytes).

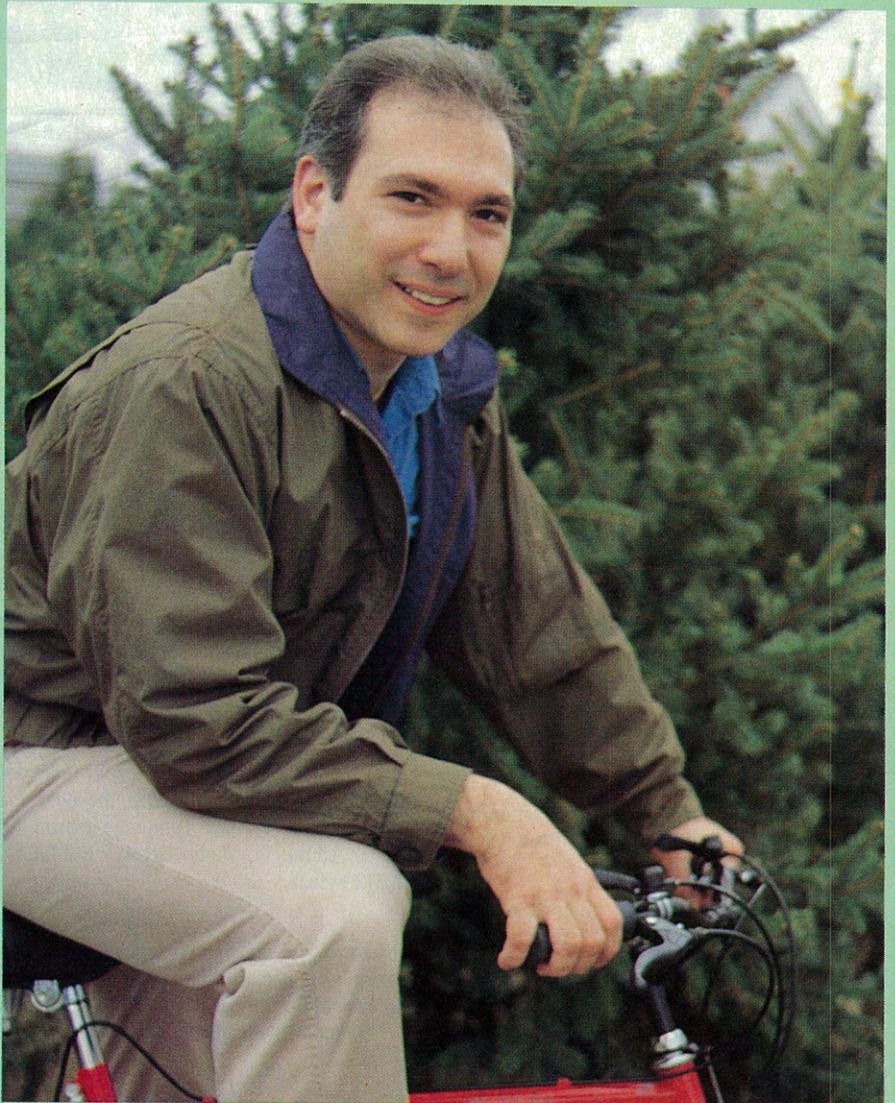
**Travel Organizer**—Tracks to-do lists, schedule, flights, meals. Shareware. Palmtop Forum, Library 14, TW13.EXE (27,184 bytes).

**HP 48 Utilities**—"Goodies Disk" for HP 48 scientific calculator. Freeware/shareware. HP Handhelds Forum (GO HPHAND), Library 4, "Advanced Handhelds," HORN5.ZIP (513,000 bytes).

**HP 95LX Products**—List of third-party products for the HP 95LX. Freeware. HP Handhelds Forum, Library 5, "95LX New Users," 95PROD.ZIP (38,000 bytes).

**Stacker on the HP 95LX**—Instructions for installing Stacker on the HP95. Freeware. HP Handhelds Forum, Library 7, "95LX Users," STAC.ZIP (4,000 bytes).

*Andy Rathbone, co-author of PCs for Dummies, is a freelance writer based in San Diego. His CompuServe User ID number is 75300,1565.*



RICHARD STEELE

## Tales from the Download: Jim Pietrangelo

**Toms River, N.J.**

**Favorite File:** ZIP.ZIP (25,472 bytes); shareware, \$30

**Location:** Hewlett-Packard Handhelds Forum (GO HPHAND), Library 6, "95LX Datacomm"

On a flight to San Antonio, Texas, video lottery salesman Jim Pietrangelo was trying to get a new file manager program working on his Hewlett-Packard 95LX palmtop computer. Suddenly the screen cleared, and Pietrangelo's worst fears were realized: Due to a total memory reset caused by RAM disk corruption, all of his files were erased, including spreadsheets for calculating sale prices, solver equations for computing payout percentages, customer and lead lists, and sales notes.

Upon landing, he headed for the trade expo he was attending and frantically

searched for a PC. A sympathetic magazine editor allowed him to use her computer to transfer to his palmtop the disk-based backup files he always carries.

The HP 95LX doesn't have a diskette drive, but files can be copied to it via the RS-232 port. Copying them one file at a time would have taken too long. Instead, Pietrangelo copied ZIP.ZIP to the palmtop from the back-up disk, using the PC as a host. This program transfers files between computers over a serial cable at speeds up to 115,200 bps, enabling him to copy every file on the back-up disk at one time. Each file automatically went back into the appropriate subdirectory.

"Having those price quotes, contact names, to-do lists and phone numbers was a career-saver," he says. "I used what I knew would work. Hats off to ZIP.ZIP."

—CC

# Introducing

## NEW FILE CLUSTERS

TREAT YOURSELF TO *Your Favorite!*

Here it is, folks, the new *CompuServe Magazine* feature that stays crunchy, even in milk. The File Cluster isn't fat-free nuts and twigs, but a tasty blend of uploaded files from CompuServe forums culled by a single, simple keyword. Thus served up hot: a sense of the great diversity stored within online libraries.

This month, it's bigger than a question but smaller than a test—if you get the answers right, it's likely that you guessed: a QUIZ.

**Know Your Supernovas**—A humorous three-part quiz of astronomical terms knowledge. Astronomy Forum (GO ASTROFORUM), Library 1, "Forum Help/General," FUNQWZ.1, FUNQWZ.2, and FUNQWZ.3 (approx. 2,500 bytes each).

**Electronic Atlas**—For the Atari ST, maps of the world and continents, with United Nations statistics. Quizzes on capitals and countries. Atari Arts Forum (GO ATARIARTS), Library 2, "Games," GEOGRA.ARC (96,640 bytes).

**Learning to Fly**—A set of 12 quizzes used in a private pilot ground school, for instructors and students. Aviation Forum (GO AVSIG), Library 0, "General/Help," QUIZS.TXT (27,804 bytes).

**American Graffiti**—Match the 41 song titles from the 1973 film classic to the artists who sang them. Collectibles Forum (GO COLLECT), Library 14, "Music Collectibles," GRAFTI.QUZ (listings, 2,895 bytes) and GRAFTI.ANS (answers, 2,776 bytes).

**Chef Assessment**—A silly quiz from the *Great American Food Almanac* testing the flavor of your personality. Cooks Online Forum (GO COOKS), Library 17, "Potpourri," QUIZ.TXT (5,394 bytes).

**Quizmaking Software**—Quiz Master Construction Set 4.0 is one of many test-generating programs for teachers online. Allows 200 questions per quiz. Education Forum (GO EDUCATION), Library 2, "Software to Go," QM40.ZIP (146,409 bytes).

**Get Out of the House!**—Part six of *The Ultimate Disney Quiz Book* sees what you remember of the Haunted Mansion ride at Disney World. Florida Forum (GO FLORIDA), Library 13, "DisneyMania," QUIZ6.TXT (3,580 bytes).

**E Pluribus What?**—Sharpens your skills with the Latin 100 Vocabulary Quiz, based on an Oxford course. Foreign Language Forum (GO FLEFO), Library 4, "Latin/Greek," LAT100.EXE (78,672 bytes).

**Dealing with Dysfunction**—A list of signs, symptoms and feelings present in those living with an alcoholic or other dysfunctional. Health and Fitness Forum (GO GOODHEALTH), Library 2, "Addiction/Recovery," LAUNDR.LIS (1,883 bytes).

**At Your Command**—Three tests of your familiarity with DOS commands: basic, DOS 5.0 and "power user." IBM Applications Forum (GO IBMAPP), Library 11, "Education," DSQUIZ.ZIP, DS5OZ.ZIP and ADQ.ZIP (approx. 43,000-49,000 bytes each).

**Read That Movie?**—Multiple-choice format tests your grasp of film and literature in three difficulty levels. IBM New Users Forum (GO IBMNEW), Library 8, "Word & Card Games," FILMNL.ZIP (92,151 bytes).

**Calculated Workout**—Math Worksheet Generator 2.2 creates exercises in basic calculation with whole numbers, integers, fractions and decimals. IBM Special Needs Forum (GO IBMSPECIAL), Library 2, "Software," MWKS2.ZIP (71,918 bytes).

**Left or Right?**—The World's Smallest Political Quiz plots you on the political spectrum. Issues Forum (GO ISSUES), Library 2, "Political Issues," WSPQ.TXT (5,512 bytes).

**B.J. (Before Jennings)**—Answers to an old forum quiz covering all of the ABC television network's news anchors since 1948. Journalism Forum (GO JFORUM), Library 6, "Radio/TV," ANCHOR.ABC (1,095 bytes).

**Hobbit Habit**—A freeware trivia quiz for fans of the works of J.R.R. Tolkien. Macintosh Entertainment Forum (GO MACFUN), Library 4, "Board/Card/Ed Games," TOLKIE.SIT (68,608 bytes).

**"To Be or ..." Darn!**—Identify quotations from Shakespeare's plays by title and character name. Mensa Forum (GO MENSA), Library 8, "The Arts," SHAKES.TXT (quotes, 1,637 bytes) and SHAKEY.TXT (answers, 2,199 bytes).

**Bible Trivia**—One of a host of religious quiz programs, this game tests recollection of the Old Testament (King James version). Religion Forum (GO RELIGION), Library 9, "Scholarship," BCH10.ZIP (162,301 bytes).

**Trekkie IQ**—Serious fans of the *Star Trek* series need only apply to this final (frontier) exam, guaranteed to raise a smile. Science Fiction and Fantasy Forum (GO SCIFI), Library 2, "Star Trek," TREKKI.TXT (4,253 bytes).

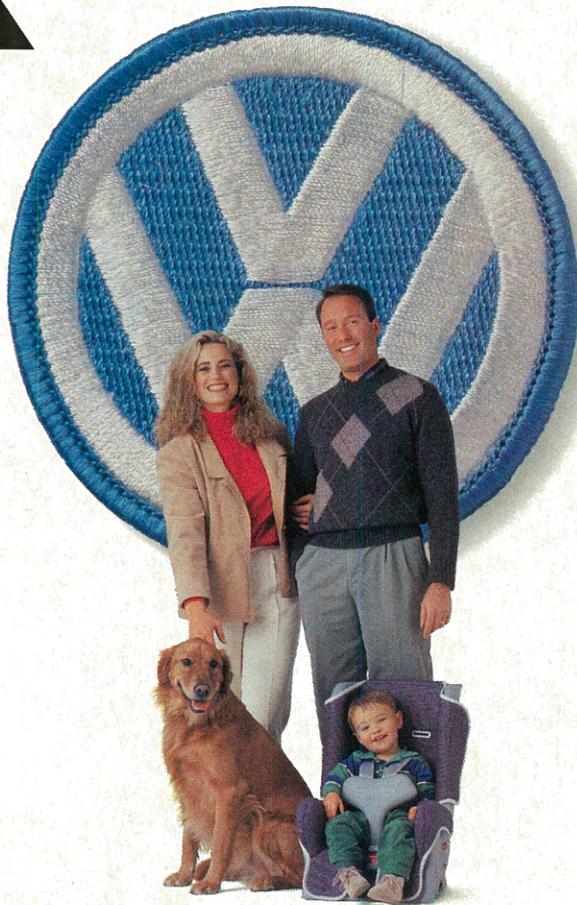
**Where's Waldo, Calif.**—An educational program to test knowledge of California's cities, lakes, rivers and mountains. Students Forum (GO STUFO), Library 1, "Computers," GEOQUI.ZIP (56,158 bytes).

**Wrath of Grapes**—What do you really know about wine? Find out in two quizzes uploaded together. Wine Forum (GO WINEFORUM), Library 7, "Wine Symposium," QNA.ZIP (5,184 bytes).

**Are You Creative?**—Test your creativity potential just for fun. Working From Home Forum (GO WORK), Library 1, "General Information," QUIZ.FRM (questions, 1,710 bytes) and QUIZ.ANS (answers, 1,060 bytes).

—Christopher J. Galvin

# KEEP YOUR VALUABLES IN A SAFE PLACE.



The things you value most in life should be kept safely under lock and key.  We suggest a Volkswagen. Many Volkswagen vehicles continuously rate safest in their classes, or among the safest, in independent tests. The healthy details: In a 1992 Highway Loss Data Institute (HLDI)\* study, Volkswagen Golf and Volkswagen Jetta had the lowest and second lowest frequency of injury claims, respectively, among all small four-door cars. It was the second straight year Golf topped the list.  Jetta also earned *Prevention Magazine's* "Safe Import Car of the Year Award" for 1992, while Vanagon earned top import van honors.  And in 1991, the Insurance Institute for Highway Safety reported that Cabriolet had the lowest fatality rating in its class, while Golf and Jetta recorded the second lowest ratings in their classes.  Why the impressive safety record? We believe it's no accident. Though many factors contribute to safety, engineering breakthroughs like the automatic safety belt system we voluntarily developed in 1975 and the unique crumple zone design on our new *Golf<sub>III</sub>* and *Jetta<sub>III</sub>* all help prevent or reduce injury. And save lives. And let you sit back, relax, and enjoy the unique driving experience we call Fahrvergnügen.  Call 1-800-444-8987 or, better yet, see your Volkswagen Retailer for a test drive. It's the safe way to go.

Lowest Overall Injury Claims Among 1989-91 Small Four-Door Cars (Average Rating is 132)

Volkswagen Golf	Volkswagen Jetta	Mercury Tracer	Plymouth Sundance	Mazda 323 Protege	Honda Civic	Ford Escort	Toyota Corolla
95	115	121	125	126	127	127	129

(Source: Highway Loss Data Institute)

\*1989-91 model year cars evaluated

E X P E R I E N C E F A H R V E R G N Ü G E N .





ILLUSTRATIONS BY JUANA SILCOX

# Making Your Trademark

Juana Silcox '92

▶ **More than just a letterhead, your business' name is an identity. Pick and protect one with online help.**

Shakespeare may have quipped, "That which we call a rose by any other name would smell as sweet," but the Bard never claimed it would sell as well.

So what *is* in a name? Business experts say that a name conveys the identity and good will that are often more powerful (and valuable) than the business or product it identifies. Because a good name may be a company's most important asset, large corporations often engage "corporate identity" experts to name products or rename businesses. Retainers for these services usually start in six figures, and a successful naming project may run into millions of dollars.

But you don't need megabucks to come up with the right name. CompuServe's professional forums and databases help keep time and expense to a minimum. You can get explanations and guidance on the legal and creative aspects of developing a name, check it for conflict with other business or product names, learn how to register it locally and nationally, and find out how to extend it into worldwide markets (see "Whatchamacallit Inc.," p. 30). There are various "categories" of names (see "Name

Game Buzzwords," p. 27), but the same principles and resources apply for all.

Two professional forums, in particular, often provide help to entrepreneurs looking to title a business or product. One tends to concentrate on pragmatic issues, the other on developing the necessary pizzazz to stand out in the marketplace.

Paul and Sarah Edwards, sysops of the Working From Home Forum (GO WORK), contend that "what you name your business can be one of the least expensive yet most important and long-lasting business decisions you have to make." They believe that your name should *identify* the business and convey something about the "benefit" the business offers, such as convenience (one stop), speed (today) or vision (tall). The Edwardses suggest speaking with prospective customers about what they see as most important about your kind of service or product and using that information to devise a name that will muster up business.

While the Working From Home Forum members frequently offer advice based on their own recent experiences with starting businesses, the resident wordsmiths in the Public Relations and Marketing Forum (GO PRSIG) arguably have more fun with naming. After all, many members generate snappy, memorable product and company names for a living. Their years of expertise make for lively exchanges on the forum message boards.

## PERSONAL ENTERPRISE

**CM's Personal Enterprise Credo:** Your livelihood is in the cards and circuit boards of a machine, whether it's running a home business, entrepre-neuring or financial planning. If time is money, time online can build a treasury of ideas on saving and making both.

▼  
Business Titles

▼  
Trademark Checks, p. 31

▼  
Work That Works, p. 32

## Name Game Buzzwords

Trademark law is complex, and varies from country to country and even from state to state within the United States. However, certain terms with specific legal meanings keep cropping up:

**Trade name:** A trade name is the name a business uses to sign contracts, pay taxes and otherwise *do* business. It could be your legal corporate name or a "fictitious" name you use.

**Trademark:** From a legal standpoint, a trademark is just that—a mark. It can be a word or a logo or some combination. It designates the source of a product and is exclusively reserved to the seller or owner. Aldus is a trade name, but Pagemaker is a trademark.

**Service mark:** A service mark is the equivalent of a trademark, except that it refers to the origin of a service rather than a product. IQwest is a service mark of the CompuServe Information Service.

**Common law trademark:** Rights accrue simply through the use of a name, even if it is not registered. This form of trademark may be adequate for a local business, but provides scant protection against others using the name. You could use your name for a few years and suddenly receive a cease-and-desist order because someone else has registered it as a trademark. After extended legal maneuvering, you may be able to keep your name for local use by demonstrating that you had it first, but protection may be minimal.

**State Registration:** State registration of a trademark or service mark provides somewhat better protection than common law, but it is useful only within the borders of that U.S. state.

—PH & DL

Since last September, the Creativity section of the PR and Marketing Forum message board has applied "brainlining"—Assistant Sysop Peter Lloyd's term for a form of online brainstorming—to help people name their companies and products. The initial response was so strong, in fact, that new guidelines are being set to avoid flooding the board with "naming" threads.

When a CompuServe member requests help, the sysops ask for specifics. For example, when Robert K. Paschall of Atlanta sought a creative name for his technology company, Assistant Sysop Jon Hoornstra advised him to "tell us about your company so we know not only *what* it does (makes), but also give us a feel for its history, personality and culture."

Paschall's startup does systems integration (such as LAN) work, with about half of its clients drawn from Atlanta's medical community. Forum members generated nearly 100 name suggestions that ranged from atLANta to Lynx.

Throughout the give and take, Lloyd me-

A trademark is intended to help consumers find the products they want and reduce the likelihood they will be confused among several similar products. By contrast, a trade name is used so each state can keep track of each business to tax it, or to aid in finding the business if a consumer wishes to engage a legal matter.

Trade names in each state include all the names of corporations, as well as names of the noncorporate businesses. Most states require that partnerships and proprietorships register their trade names with the state, except when the business uses the name of the owner as part of the trade name. Registration of a trade name is usually done through a department of the secretary of state.

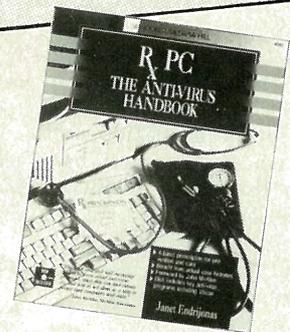
**Patent and Trademark Office registration:** This is the most comprehensive trade or service mark protection available in the United States. The process is complicated and is becoming increasingly expensive, as the PTO moves toward funding through user fees. PTO registration must be carried out in each business class applicable to your trademark usage, and applications for each must be filed separately at a cost of \$200 each. Thom Hartmann, sysop of the Desktop Publishing Forum, points out that you can call on the PTO for help, but it makes for a long, drawn-out process. Most CompuServe members who have gone through the process advise hiring a trademark or intellectual property lawyer to register with the PTO. Someone knowledgeable in trademark law is essential for finding your way through the legal thicket of registration with national trademark offices in any other country.

diated and encouraged all ideas, however far-fetched. Lloyd notes that company principals "are often advised and cowed into backing into a safer name than they would like to call themselves. Playing it safe does exactly the opposite of what a name is meant to do—identify the personality of the company as found in its people."

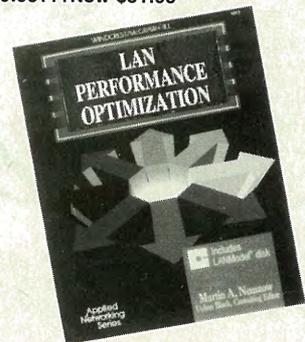
The distinctive name that emerges from any naming process is not just a business asset—it's a legal necessity. Once you've drafted a brilliant name, your next step is to find out if someone has already beaten you to the punch. There are more than 750,000 trademarks or service marks registered at state and national levels in the United States and hundreds of thousands more worldwide. Moreover, there are innumerable other common law trade and service marks in use (see box above for definitions). If the name you desire is already being used, your freedom to adopt it is severely limited.

Your mission is to check legal trademark registrations and to dredge existing written references—including newspapers, advertis-

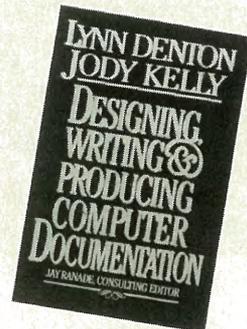
GO MH and Save!



A few bytes of prevention are worth megabytes of cure! 208 pp., #4262H, \$39.95... Now \$31.95



Solve network problems. 3.5" disk with LANModel® included. 150 pp., #4310P, \$29.95... Now \$23.95



The complete guide to creating quality documentation. 256 pp., #016412-6, \$39.95... Now \$31.95

### Go MH for:

- 20% OFF all new titles
- FREE shipping in the U.S.
- GO MH or CALL 1-800-822-8158
- FREE usage credits with orders over \$60
- Worldwide shipping
- We'll beat any on-line price on McGraw-Hill products!



McGraw-Hill On-line Bookstore

CS23

GO OLI for more information.

# Go-Go Logos, or Inventing a Sexy Symbol

Having chosen a name and jumped the registration hurdles, you still need to devise a look that makes your company or product instantly identifiable. Dressing for success is an essential part of corporate identity.

Don't try to directly imitate famous logos—the Coca-Cola typescript or IBM fat blue block, for example—because you may find yourself impaled on a sharp lawsuit. “Look and feel” may still be a foggy legal area in the design of software, but it's crystal clear when it comes to corporate identity symbols.

You can't copy someone's appearance any more than you can sign his name to a check.

Your logo—and by extension the design of your stationery and forms—is your corporate signature. The Desktop Publishing Forum (GO DTPFORUM) is a good place to start for advice about logo design. Many members are professional designers, and often can advise you on how to locate a designer in your price range in your area.

The temptation to do it yourself with a paint program and a nifty batch of fonts can be overwhelming. But Desktop Publishing Forum Sysop Kathleen Tinkel observes, “People who design their own logos (even designers) usually do a poor job because they lack objectivity and cannot assume the customer's point of view. ‘Clever’ logos usually look amateurish and do more harm than good.”

As the client, you can ease the process by knowing what kind of logo you want:

representational, pictorial, typographic, abstract symbols or evocative symbols.

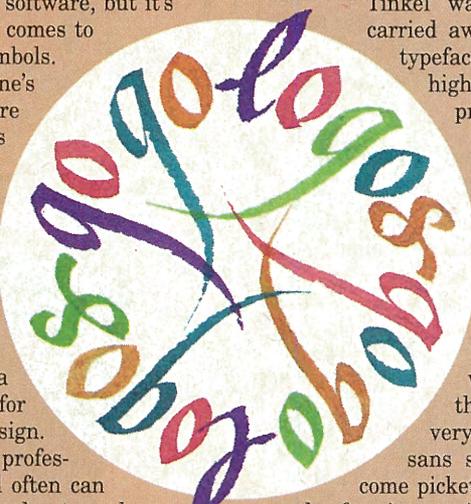
Forum member Daniel Gray suggests that type may do the job. Among the first questions he asks when designing a corporate look are: What does the company do? What is the product? Do you want to portray a specific era or time frame? “Much of that can be carried by the typeface choice. With a distinctive typeface, the logo is set apart from the everyday humdrum.”

Tinkel warns about getting carried away by type. “Avoid typefaces that are really high-style, since they probably won't be in six months,” she says. Moreover, “avoid typefaces that are difficult to reproduce well under adverse conditions. This includes scripts, very tall faces, type with strong thick/thin contrast, and very narrow condensed sans serif faces that become picket fences after a couple of copies or with any reduction.”

Gray echoes the advice about simplicity, noting that logos should be able to survive photocopying and faxing. As a result, color should be used sparingly and selectively.

Consensus among designers is that unless you're an ace typographer, don't manipulate type for special effects, such as condensing or expanding letters, filling them with texture or pattern, or making them “wobble” or look as if they're shattered. Says Tinkel, “The result will shriek ‘amateur!’ Even your mother will cringe.”

—PH & DL



ing and trade journals—for examples of names that sound like, look like or duplicate the one you want to use (see “Been Done Already?” p. 31).

Begin with directories. If your main concern is a company name rather than a product trademark, head first to Biz\*File (GO BIZ\*FILE), CompuServe's online Yellow Pages or to Dun & Bradstreet—Dun's Electronic Business Directory (GO EYP). In Biz\*File, choose the combination of name and geographic area, looking for your chosen name and similar ones in your state. Be sure to check names that would look or sound like yours. A similar check in D&B—Dun's Electronic Business Directory, searching by company name, turns up those that may not be listed in some telephone directories.

If your business is strictly local, that

could be all the checking you'll need to start using your chosen name. Most legal experts, however, advise making sure your name doesn't duplicate any trade, business or product names registered in your state as a trademark. The quickest information source here is the Trademark Research Center (GO TRADERC), where the state trademark registration database covers Puerto Rico and all 50 United States.

Checking usage of a name throughout the United States is more involved. Again, use the Trademark Research Center, searching both the state and national databases. You can search by all business categories or only by the category your business falls into—say, “electrical and scientific apparatus” for computer products. When in doubt, cast a wide net; if the results menu has several “hits,”

limit the search to your category or type SOS at a Trademark Research Center prompt for further assistance. (Each full description costs \$5.) Fortunately, the Trademark Research Center's TrademarksCan databases are designed to catch homonyms (words that sound the same but are spelled differently) and spelling variants or corruptions. Thus, if you include the word “color,” the search also will turn up “colour,” “kolor” and “colores.”

Finding no matches in the Trademark Research Center's databases doesn't mean the name is free to use. A trademark attorney often will check prior usage of a name by searching 10 or more databases, many of which are available on CompuServe. “The Patent and Trademark Office does its own search when you apply,” explains attorney Fred Wilf, a frequent participant in trademark discussions in several forums. “And they do look for prior use—a company using the name even if it isn't registered.”

Where to carry out more targeted research depends on your line of business. You can use news databases such as the Newspaper Library (GO NEWSLIB) to search for common law trademarks. More specialized industry-specific databases are better choices for computer industry names.

To do business outside the United States, you must make sure that your chosen name is available for use in the target countries. Thorough information is available for the United Kingdom; use the U.K. Company Library for company names (GO UKLIB) in D&B—Dun's Market Identifiers® (GO DMI). The U.K. Trademark Library (GO UKTRADE) and the U.K. Newspaper Library (GO UKPAPERS) provide ways to search for registered and unregistered trademarks, respectively. For other countries, it's easier to search for company names than for product trademarks. Trademark data, per se, is not available online, but company listings are. In general, the D&B—Dun's International Market Identifiers (GO DBINT) database is a good source, as are country-specific corporate databases.

When expanding into unfamiliar turf—especially into markets where you're not fluent in the language—check with native speakers to see if your name might have unexpected connotations in other cultures. As *CompuServe Magazine* reported in September, one member discovered from the Foreign Language Forum (GO FLEFO) that one word in his company name, “Tomato,” was Portuguese slang for a portion of the male reproductive anatomy. No doubt General Motors wished its marketers had checked the forum before introducing the Nova (Spanish for “no go”) into Latin America. When beginning to market in China, Coca-Cola had its product name translated into Chinese characters only to find that the characters, which were pronounced similarly to “Coca-Cola,” actually meant “bite the wax tadpole.”

Once you've arrived at a name, you should stake your claim to it. You acquire certain rights to a name simply by using it, but they can be hard to defend. Registering a name with the state as a business name or a state trademark may provide somewhat better protection—but this does not necessarily have effect beyond state borders. If you wish to do business only in your own state and perhaps the adjoining one, consider registering with the second state as a "foreign business" to protect your business name and trade or service mark. Before applying, follow the same procedures you used for checking conflicts in your own state.

Best protection comes from registering with the national trademark registry wherever you're doing business—the Patent and Trademark Office in the United States (see "Name Game Buzzwords," p. 27). Advice on procedures is readily available in the Working From Home Forum, the Entrepreneur's Small Business Forum (GO USEN), the Desktop Publishing Forum (GO DTP-FORUM) and the Legal Forum (GO LAWSIG).

If you've done a thorough search to ascertain that your name is available, you can save the lion's share of attorney fees involved in trademark registration with the Patent and Trademark Office. Law partners Fred Wilf and Gerry J. Elman—who actively discuss intellectual property law in several forums—suggest providing your attorney with a printout of your name search to demonstrate which bases have already been covered.

Protect your name or trademark from the outset by attaching a symbol to it. The superscript TM is standard for a common law or state registered trademark. Superscript SM denotes a service mark. You gain the right to use the superscript R in a circle only after being granted a PTO trademark.

"Use it or lose it" is the rule of thumb with trademarks. Most countries outside the United States grant a limited time period after registration before you must use your trademark within that country or forfeit the rights. Likewise, the PTO requires using a mark within six months of filing.

Be careful how you use your trademark in advertising and correspondence. History is full of trademarks lost through improper use, such as nylon. Vigilant companies defend their marks assiduously. 3M is stuck on using Scotch brand tape, and no photocopy is a "xerox" unless it's a Xerox brand photocopy. If you fail to protect your mark and lose it, Kimberly Clark will pass you a tissue—a Kleenex brand tissue, of course.

One final note: This article is intended as a starting point for anyone grappling with the process of naming a company or product. The suggestions do not constitute legal advice. For that, an attorney must be retained.

Patricia Harris and David Lyon are free-lance writers based in Cambridge, Mass.

# Go CBK

# COMPUTER BOOKS at a discount

Over 600 books online, all at 15% off the list price  
Expanded store format: PC, Mac & UNIX departments  
Books from 70 computer and academic publishers  
**C++, OOP, Windows, OS/2 2.0, LANtastic, ObjectVision  
Superbase, Clipper, Visual Basic, BMUG, Macintosh, UNIX**  
Technical books for developers, trainers, and users  
Our computer literate staff can find the books you need  
2 for 1 UPS shipping in the US for 4 or more books  
We ship **worldwide** fastest or cheapest  
No clubs, no memberships, no cards to return  
Free print catalog

## CompuBooks®

The Discount Computer Book People

Mon to Fri, 8 AM - 5 PM CT (GMT-6)

Route 1, Box 271-D

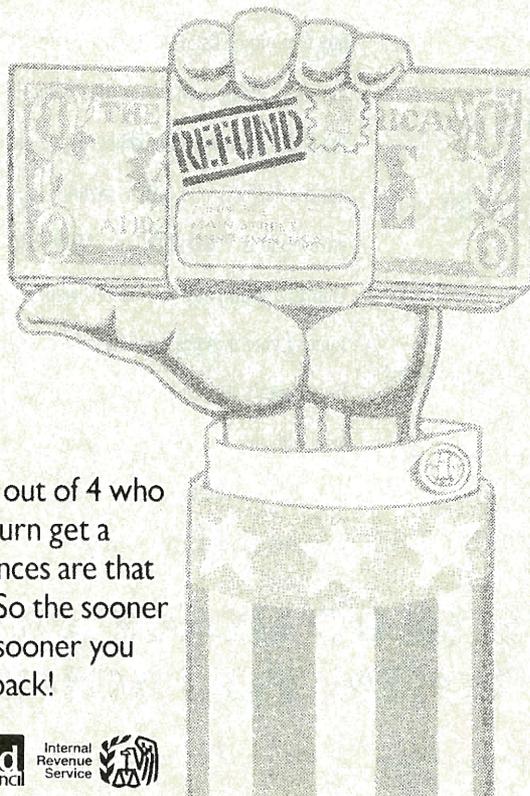
512-321-9652, FAX 321-4525

Cedar Creek, TX 78612-9733, USA

MC/Visa/AmEx/Discover

Toll Free Order Line (800) 880-6818

# IT PAYS TO FILE NOW.



Surprise... 3 out of 4 who file a tax return get a refund! Chances are that means you. So the sooner you file the sooner you get money back!

A Public Service of  
This Publication & **Ad Council** Internal Revenue Service

**GO BMG OR GO CD NOW!**



**GET  
8  
CDs FOR THE  
PRICE  
OF 1 WITH NOTHING  
MORE TO BUY,  
EVER!**

NOW, YOU  
CAN ENJOY  
EVEN MORE  
BOWIE,  
BEASTIE BOYS,  
BRUBECK  
AND  
BEETHOVEN  
FOR YOUR  
BYTE.

The BMG Compact Disc Club is the best way to collect the music you love at an incredible value. We're the only Club on CompuServe which offers over 450 new and classic selections with **no commitment** after you purchase your one regular-Club-price selection. Other Clubs require you to buy 6 or more CDs to fulfill your membership obligation.

And now, we're even better than before! We've redesigned the Club's electronic capabilities to give you more new music, more selections and better savings opportunities. All you have to do is **"GO CD"** or **"GO BMG."** Joining the Club is a great way to find out what's new and to collect some of your own greatest hits to build your CD collection.

If you aren't already a member, start getting the music you love with our terrific 8-for-1 offer. If you are a current member, you can continue saving with our increased selection, great values and bonus discounts.

**FREE \$5.00 USAGE CREDIT  
WHEN YOU JOIN!**

BMG Compact Disc Club 6550 E. 30th Street, Indianapolis, IN 46291-0010

## Whatchamacallit Inc.: Helpful Forum Files

CompuServe's forums contain numerous files to help in the name and trademark research process. Here's a sampling:

### DESKTOP PUBLISHING FORUM (GO DTPFORUM)

**Trademark Law**—Transcript of conference on trademark law with attorney Fred Wilf. Library 1, "Forum Transcripts," TMC0.TXT (25,636 bytes).

**Intellectual Property**—Transcript of conference on copyrights and trademark considerations. Library 1, COPYCO.TXT (25,197 bytes).

**Logo Design Principles**—Discussion of approaches to designing logos. Library 16, "Magazine Articles," LOGO.TXT (10,556 bytes).

### ENTREPRENEUR'S SMALL BUSINESS FORUM (GO USEN)

**Trademark Application Forms**—Four files, all in Library 3, "Business Start-Up," for applying to the Patent and Trademark Office for trademark. Directions for forms, TRADOC.TXT (5,190 bytes); partnership application, TRDAPL.PAR (7,385 bytes); individual application, TRDAPL.IND (7,385 bytes); corporation application, TRDAPL.COR (7,525 bytes).

### LEGAL FORUM (GO LAWSIG)

**Software Copyright and Trademark**—Basic article on property rights, especially regarding computer programs. Library 1, "Computer/Tech Law," COPYRT.TXT (23,020 bytes).

### PR AND MARKETING FORUM (GO PRSIG)

**What to Name Your Firm**—Approaches to naming a new PR, advertising, consulting or other business firm. Library 1, "On Your Own," NAME4U.TH (19,981 bytes).

**Creative Naming Process**—Demonstration of creative naming through thread helping Atlanta-based systems integrator. Library 2, "Creative Space," CONAM.THR (11,901 bytes).

**Newsletter Names**—Edited list of newsletter names from "brainlining" session. Library 2, NLNAME.TXT (1,589 bytes).

### WORKING FROM HOME FORUM (GO WORK)

**Naming Your Business**—How to check out a business name to make sure it can be yours alone. Library 2, "Business Info," NAMBIZ.TH (6,534 bytes).

**Name Example**—Thread on naming a computer consulting business, with suggestions on adapting the process. Library 2, NAME.BIZ (3,002 bytes).

**Trademark Search**—Information professionals offer suggestions on researching brand names and trademarks. Library 4, "Info Professionals," BRANDS.TH (6,721 bytes).

**Assumed Names**—Thread on who must register a business name that differs from owner's personal name. Library 9, "Accounting & Tax," DBA.TH (5,016 bytes).

**Name Registration**—Thread on registering business names and trademarks. Library 12, "Legal Matters," NAME.TH (12,180 bytes).

# Been Done Already? Where to Check

Both general and industry-specific areas on CompuServe allow you to search for company and product names in current or past use. But not all services are applicable to every search. The following synopsis should help you narrow the places to look.

**Australian/New Zealand Company Library (GO ANZCOLIB)**—Selected directory and news information from D&B—Dun's Market Identifiers on more than 95,000 businesses, both public and private, in Australia and New Zealand. The Asia-Pacific database covers the business and economic news and can be searched by company name. Reuter Textline includes prominent English-language newspapers and news wires originating in Pacific Rim countries. Both news databases cover 1985 to the present.

**Biz\*File (GO BIZ\*FILE)**—Comprehensive database of 10 million businesses, including addresses and phone numbers. Search by company name or by type of business, in the United States or Canada.

**Business Database Plus (GO BUSDB)**—Covers more than 450 regional, U.S. and international business and trade publications. Search by word used in text for company names and trademarks. Coverage for most publications as of Jan. 1, 1987.

**Business Dateline (GO BUSDATE)**—Coverage of business news in the United States and Canada with a strongly local emphasis. Search by subject words. Coverage includes articles from 115 regional publications from 1985 to the present.

**Computer Database Plus (GO COMPDB)**—Computer-related articles from more than 130 magazines, newspapers and journals. Do a "words in text" search using company or trademark name. Coverage as of Jan. 1, 1987.

**Computer Directory (GO COMPDIR)**—Database oriented to computer-related products providing detailed information on more than 13,600 manufacturers. Search by "words in manufacturer's name."

**D&B—Canadian Dun's Market Identifiers (GO DBCAN)**—Contains directory information on about 350,000 Canadian companies. Can be searched by words in the company name.

**D&B—Dun's Market Identifiers (GO DMI)**—Contains directory information on more than 6.7 million U.S. establishments, both public and private. Can be searched by words in the company name.

**European Company Library (GO EUROLIB)**—Selected financial information on more than 2 million European companies. Included are D&B—European Dun's Market Identifiers, which can be searched by company name. Other databases profile fewer European companies in greater depth.

**Executive News Service (GO ENS)**—Set up a clipping file with the names you wish to check,

casting as wide a net as possible. Automatic clipping will alert you to uses of the name or names in question.

**D&B—Dun's Market Indicators (GO DBINT)**—Contains directory information on approximately 2.1 million public, private and government-controlled companies in 120 countries. Can be searched by both geographical location and words in the company name.

**Germany Company Library (GO GERLIB)**—By entering the company name, industry codes or geographic location, users can find directory, financial and product information for more than 48,000 companies.

**Health Database Plus (GO HLTDB)**—Articles on health and fitness provide check on company and trademark names in the health field. Search by words that appear in text. Coverage dates to Jan. 1, 1989.

**Magazine Database Plus (GO MAG-DB)**—Articles from magazines offer backup for checking unregistered trademarks and trade names. Coverage dates to Jan. 1, 1987. Search using the keyword TRADEMARK for articles about trademark law.

**NewsGrid (GO NEWSGRID)**—Functions as a daily check of names in world news. Useful backup to track common law use of trademarks and foreign names.

**Newspaper Library (GO NEWSLIB)**—Contains selected full-text articles from 48 U.S. newspapers. Excellent way to search local business names. Search by subject.

**Trademark Research Center (GO TRADE-ERC)**—Trademarkscan-Federal, updated twice weekly, contains all active, registered trademarks and service marks filed with the U.S. Patent and Trademark Office, plus pending applications. Also includes inactive marks from 1984 forward. Trademarkscan-State contains information on trademarks and service marks registered within the United States and Puerto Rico. Corporate name registrations are not included. Note that states update their data on varying schedules.

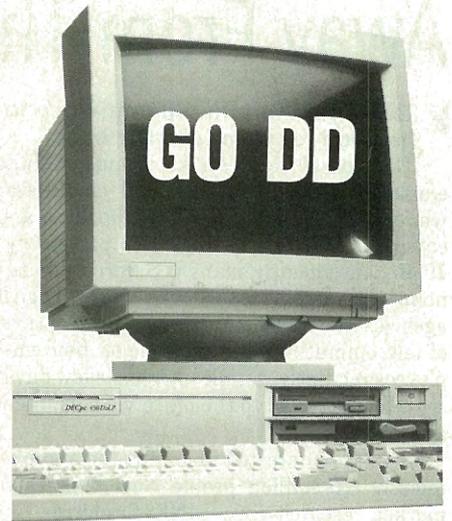
**U.K. Company Library (GO UKLIB)**—Selected financial information on more than 1.2 million U.K. companies. Includes information from D&B—Dun's European Market Identifiers database, which can be searched by company name. Also includes ICC British Company Directory, which contains name and address directory and summary information on limited liability companies in the United Kingdom.

**U.K. Trademark Library (GO UK-TRADEMARK)**—Database includes BSI Standardline database (industrial codes and standards) and British Trade Marks, a database of all registered U.K. trademarks and pending applications, as well as lapsed trademarks and applications since 1976.

—PH & DL

**digital™**

**Now the perfect PC is only 4 key strokes away.**



**First, PC Magazine described the perfect computer. Then Digital™ built it.**

And now we've made it perfectly simple to check out specs, descriptions and prices for Digital's hot new Desktop PCs, the DECpc LP upgradables. Just type GO DD to visit Desktop Direct's storefront on the Electronic Mall. You'll be able to browse through products ranging from the upgradable DECpc 325SL Notebook to the powerful DECpc 450ST Deskside system. All without leaving the house.

**"Dollar for dollar, the DECpc™ 433dx LP is one of the best computing systems you can buy."**  
— PC Computing, January 1993

**Type GO DD at the ! prompt. Or dial into Digital's Electronic Connection at 1-800-234-1998 for on-line ordering, or call Desktop Direct from Digital to speak to a representative.**

**1 800 722 9332**

**desktop  
direct**

**8:30AM-8:00PM  
Monday  
through  
Friday, ET**

# Away From Their Desks

## ▶ Telecommuters find home work to be good for them *and* the boss.

The federal Clean Air Act mandates that employers with more than 100 employees who are located in selected metropolitan areas reduce car commuting by 25 percent by 1996. Consequently, many U.S. corporations, nonprofit organizations and government agencies are taking a new look at the option of telecommuting—having some of their employees regularly work from home a few days a week, connected to the office via computer and modem.

If you're interested in joining the approximately 6.6 million people New York City market research firm LINK Resources says are now telecommuting and the 25 million Jack Nilles, president of JALA International Inc., a telecommuting firm, expects will be telecommuting by 2000, chances are you'll have to take the lead in presenting the idea to your employer.

What's in it for you? Potentially, a lot. Not only will you have more time to call your own and more control over your professional life, but you also may find that you accomplish more and can become more valuable to your company.

People begin telecommuting for a variety of reasons, according to Brad Schepp, author of *The Telecommuter's Handbook* (Pharos, 1990). The reasons include a temporary disability that makes commuting difficult, the need to be more accessible to the family, a long commute, a spouse's job requiring a family move or job requirements.

Bill Hall, electronic support coordinator for Symantec, Peter Norton Product Group, has a two-hour commute from his Palmdale, Calif., home to his office in Santa Monica. When his employer wanted someone to monitor and answer messages in the Symantec Norton Utilities Forum during "off" hours, Hall volunteered—provided he could telecommute, working three days at home and two-and-a-half days at the office. "Everyone wins. I get off the freeway, and Symantec gets someone to provide weekend product support," he says.

Hall most appreciates the flexible hours. As a night owl, he'd rather work in the wee morning hours and sleep later the next day. He also values the four hours he saves daily with no commute. Best of all, Hall insists he is more productive at home. "There are less distractions and the environment as a whole is more relaxing," he explains.

The biggest disadvantage to telecommuting for Hall is making other employees

realize he is still available even though he is working from home. "They seem to think if you're home, you must have the day off," he says, noting he has combated this by plastering his home telephone number on every message and report and answering his electronic mail several times daily.

Most people do need interpersonal contact. Going to the office several days a week will provide this interaction, so isolation on the days at home becomes an asset, not a problem. Still, telecommuting isn't for everyone, especially if you have trouble communicating unless you are face-to-face or if you need the office camaraderie to work well and

feel part of the company team.

realize he is still available even though he is working from home. "They seem to think if you're home, you must have the day off," he says, noting he has combated this by plastering his home telephone number on every message and report and answering his electronic mail several times daily.

Successful telecommuting also requires management by results. "The point to working must not be to put in a set number of hours, but rather to accomplish the job at hand. Telecommuting forces you to get organized and focus on the results of your work," says Nilles.

Good management aside, enthusiasm is one of the most potent factors for a telecommuter's success. "Telecommuters succeed because they make it work," says Schepp. "They get their work done and then some, and they don't lose touch with the office."

Ben Rogner, editor of the *Journal of Court Reporting*, telecommutes from his Chicago condominium to the Vienna, Va., offices of the National Court Reporters Association. When he landed his dream job in 1986, he didn't want to move. Since the association had a history of telecommuting, it wasn't difficult for Rogner to set up his office in Chicago.

Although he visits the Virginia headquarters twice a year, he admits the isolation of working hundreds of miles away can be an advantage as well as a disadvantage.

Because he is self-disciplined, he does a lot of work. "I can eliminate distractions more effectively than in any office setting," he says. "However, a lot of what we know is learned because we overheard a remark in the lunchroom or saw a fax arrive while waiting to send one. Telecommuters need to find ways of compensating for that informal learning."

Rogner has done this by using CompuServe Mail to informally chat with the association's employees. "CompuServe Mail is how I 'yell down the hall' at someone. It takes seconds to pass along a quick comment, piece of information or bad pun," he says.

But the greatest advantage to him has been Section 7, "Reporter/Paralegal," of the Legal Forum (GO LAWSIG). The magazine Rogner edits is primarily written by volunteers. "Can you imagine a more ideal place for the editor of such a publication to look for people who can write?" he says, adding it is the most significant development for the magazine since it started using computers.

## Who's Telecommuting?

**In 1992, 6.6 million people telecommuted, up 19 percent from 1991's 5.5 million. According to LINK Resources Inc., 77 percent of telecommuters are white-collar workers, and 81 percent work for companies with less than 100 employees. Some 60 percent have college degrees, and 37.6 percent of telecommuter households have incomes greater than \$50,000.**

However, if telecommuting is not done right, the boss can lose a lot. "You can't just say, 'Go out there and do it.' You have to have a management and coordination plan or you will suffer major costs and a loss in produc-

Once the telecommuting is organized, it is self-administering. Managers find they spend less time managing the telecommuter, leaving more time for the manager to get work done.

However, if telecommuting is not done right, the boss can lose a lot. "You can't just say, 'Go out there and do it.' You have to have a management and coordination plan or you will suffer major costs and a loss in produc-

However, if telecommuting is not done right, the boss can lose a lot. "You can't just say, 'Go out there and do it.' You have to have a management and coordination plan or you will suffer major costs and a loss in produc-

However, if telecommuting is not done right, the boss can lose a lot. "You can't just say, 'Go out there and do it.' You have to have a management and coordination plan or you will suffer major costs and a loss in produc-

# Those Are the (Tax) Breaks

When it comes to U.S. tax law, issues surrounding telecommuting are murky at best, since telecommuting is not specifically addressed by the Internal Revenue Service.

However, if you telecommute, you are probably entitled to some deductions, including the home office, since you are providing your own work space and footing the bill for electricity and heat. Like all work-from-homers, including the self-employed, your home office must be used *exclusively and regularly for business*. Telecommuters have the added burden of proving to the IRS that the home office is for the *convenience of the employer*.

Douglas Perreault, a C.P.A. in Tampa, Fla., says not even a letter from your employer stating the home office is for the company's convenience is enough proof for Uncle Sam, although it might help. Instead, Perreault urges you to document in writing the reasons why and how the office is for the convenience of the employer. In addition, he says the home office should be used for no other purpose.

Perreault says if you meet these criteria, you should then consider his list of the "Five Tests of Deductibility." Deductible expenses should be:

1. Ordinary.
  2. Necessary (and for the convenience of the employer).
  3. Reasonable.
- And if they are, they are deductible if:
4. They are prorated for personal versus business use.
  5. They are not expenses for items that are against public policy, such as bribes or traffic tickets.

"Although you have to prorate your expenses between your home office and the rest of your house, such as rent and electricity, if the home office is used exclusively for business, Test 4 is otherwise not a problem," says Perreault. "A home office is not against public policy, so Test 5 is also met."



CHRISTOPHER WRIGHT

Limitations leave little to deduct: Perreault

To take the home office deduction as a telecommuter, Perreault advises using Form 8829, "Expenses for Business Use of Your Home." To figure the deduction for indirect expenses and for depreciation, the deductible amount should be transferred to Form 2106, "Employee Business Expense," as "other expenses" and added to those items that are also deductible for all employees, such as office supplies, telephone calls and business automobile mileage.

Office equipment purchased by the telecommuter (not the employer) is deductible on Form 4562, "Depreciation and Amortization," and that total is transferred to Form 2106. Total expenses are then transferred to Schedule A, "Itemized Deductions," as a miscellaneous deduction. For many people, forms 2106, 4562 and 8829 will not need to be attached to the return, but keep these forms for your records in case of an audit.

The big catch: Before you can deduct any of these expenses, you must first subtract 2 percent of your adjusted gross income from the total amount of deductible expenses. The remainder is what you may deduct.

That is, if your adjusted gross income is \$50,000 and you accrue \$1,200 in telecommuting business expenses, you must subtract 2 percent, or \$1,000, of your adjusted gross income from the \$1,200 in expenses, leaving just \$200 that is deductible. Not only that, but you must itemize your deductions as well.

"After going through all this work, you may find you don't even benefit because of this limitation," says Perreault, who hopes Congress will reinstate employee business expenses as an above-the-line adjustment to income "so we can all benefit from alternative and productive work environments."

For additional information, see the instructions to the forms listed above and also IRS publication 587, "Business Use of Your Home." To get these free forms, call 800/TAX-FORM.

and telecommute via CompuServe Mail and fax connection.

Cragg says the key to successful telecommuting is organization. "Prepare, make lists, know exactly what has to be done every day and make sure you do it," she says, advising telecommuters to establish a daily routine. "Never put off until tomorrow what can be done today and then some."

To convince the powers that be to let you telecommute, Schepp says to write a proposal explaining how you will work, what you will accomplish, where you will do it and the benefits to your employer. In addition, you and your employer should hammer out a formal telecommuting agreement so you both know the ground rules.

Nilles says the two most common objections raised by employers are decreased productivity and corporate liability for your safety in your home office. Many managers think you won't work unless someone is peering over your shoulder. You have to convince your boss such supervision isn't necessary. If your employer balks, Cragg suggests you ask for a one-month trial. "The employer

should see an increased commitment to the organization, as well as productivity from you," she says.

The other roadblock is liability and the issue of workman's compensation. "Most employers think that unless they can check out your home, you'll kill yourself in it and sue them," quips Nilles. In fact, in 20 years of telecommuting, no telecommuter has ever filed for workman's compensation for an injury sustained at home.

The telecommuting agreement should address this issue with the telecommuter pledging to maintain a home office that is as safe as the corporate office. The company should also be permitted to inspect for safety. Any corporate liability would extend only to the work area and not the entire home.

"I would say an employer who uses liability concerns as an excuse for not letting an employee telecommute, probably doesn't want that employee to telecommute," says Schepp.

Sonya Castellucci Buckman, director of newsstand marketing for Faber, Coe & Gregg Inc. in Secaucus, N.J., left nothing to

chance when she proposed telecommuting as an alternative to an extended maternity leave. She assembled a written proposal that included such information as home office set-up and the cost to the company, as well as her availability and recordkeeping of her work hours and phone calls.

"I was shocked my bosses agreed to everything in my proposal," she says, noting that being a valuable employee will help the cause. If possible, break out your value to the company in dollars, showing your credit for the bottom line.

Federal laws to clean up the air may spur the option of telecommuting, but LINK Resources' Thomas E. Miller insists performance and productivity will always outweigh the issue of work location. That is, people will choose work methods that are the most effective for them. But the '90s should also offer a new choice—the best work location for those methods.

Cathryn Conroy is senior writer of CompuServe Magazine and book review editor of Online Today. Her CompuServe User ID number is 70007.417.

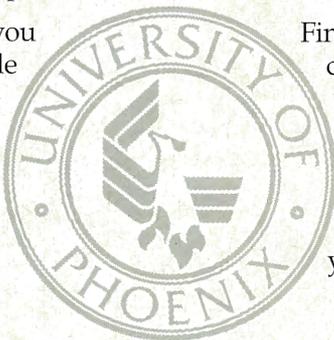
## Now Accepting Applications for the Newest Online Program—the Bachelor of Arts in Management

### WE CAN HELP YOU FIND THE TIME FOR A DEGREE IN BUSINESS

For working adults, long hours, frequent business trips, and personal obligations can make attending college courses virtually impossible.

Whenever and wherever it's most convenient for you, you simply 'rev' up your modem and 'drive' your computer to the University of Phoenix.

Now there's a way you can get to class while at home, in the office, or even on the road—between meetings, after dinner or, before you have breakfast.



Find out how easy it can be to integrate a high-powered MBA, Masters in Management or a Bachelors degree in Business into your busy schedule.

Call us today at 1-800/742-4742.

Accredited by the North Central Association of Colleges and Schools

Online. The Intelligent Way to Get to Class.

## Read More About It

Learn about telecommuting and tips on convincing your boss to let you substitute a modem for a car. Use the keyword TELECOMMUTING in Magazine Database Plus, Computer Database Plus or the Working From Home Forum's Library 11, "Jobs/Telecommuting." Here's a sampling of articles:

### MAGAZINE DATABASE PLUS (GO MAGDB)

"Adding Vision to Telecommuting," *The Futurist*, May-June 1992. Full text and abstract. Reference #A12389073.

"The 10-Second Commute" (convincing managers to consider telecommuting), *Home Office Computing*, December 1991. Full text and abstract. Reference #A11575634.

"Selling Your Boss on the Work-At-Home Office: How to Put Together a Winning Pitch for Telecommuting," *PC/Computing*, August 1991. Full text and abstract. Reference #A11019888.

### COMPUTER DATABASE PLUS (GO COMPDB)

"Bringing it All Back Home: A Look at the Bottom Line," *Corporate Computing*, November 1992. Abstract only. Reference #A12704648.

"Does Telecommuting Work?" *MacWEEK*, Oct. 12, 1992. Abstract only. Reference #A12768647.

"Critical Factors for Telecommuting Success: Do You Have What it Takes to Succeed as a Telemanager?" *Telecommuting Review: The Gordon Report*, Sept. 1, 1992. Full text and abstract. Reference #A12647883.

"Not Getting There is Half the Fun," *Communications Week*, June 22, 1992. Abstract only. Reference #A12328470.

"Telecommuting: A Workstyle Revolution?" *Modern Office Technology*, May 1992. Full text and abstract. Reference #A12225214.

"Telecommuting and Child Care: A Case Study in Short-sighted Management," *Telecommuting Review: The Gordon Report*, May 1, 1992. Full text and abstract. Reference #A12198536.

### WORKING FROM HOME FORUM (GO WORK)

What do managers think? Survey results of 88 San Francisco Bay area mid-level managers' thoughts on telecommuting. Library 11, "Jobs/Telecommuting," SFMGRS.DOC (3,123 bytes).

## 52% LESS THAN SCHWAB!

E\*TRADE™ connects independent investors directly to computers with access to every stock and options exchange in America. E\*TRADE's automated hassle free system saves you time and money.

- NO SURCHARGE ON COMPUSEVE.
- SUPER-DEEP DISCOUNTS ON COMMISSIONS.
- INSTANT TRADE INFORMATION.
  - Fast quotes, and automatic portfolio updating.
  - Automatic news alerts on all stocks you follow.
  - Options analysis using Black Scholes with current data.
  - Brought to you by Trade+Plus – Serving the brokerage industry for ten years – Over a Billion dollars traded through the system – All without error.
- Securities protected by SIPC up to \$500,000 – Additional \$2,000,000 insurance through Lloyds of London for a total of \$2,500,000.
- You can sign up online and be trading in a few days.
- GO E\*T on CompuServe for a demonstration.

E*TRADE COMMISSIONS			
NUMBER OF SHARES	200*	500*	3000*
PRICE PER SHARES	AT \$35	AT \$60	AT \$20
E*TRADE **	\$35	\$35	\$45
PCFN	80	140	160
QUICK & REILLY	76	128	171
FIDELITY PLUS	90	151	201
CHARLES SCHWAB	100	166	221
MERRILL LYNCH	162	457	761

\*\* 1 AND 1/2 CENTS PER SHARE, ANY STOCK, MINIMUM \$35.  
 \*\* REQUIRES FUNDS OR SECURITIES IN THE ACCOUNT.  
 \* AUGUST 3, 1992 PHONE SURVEY.

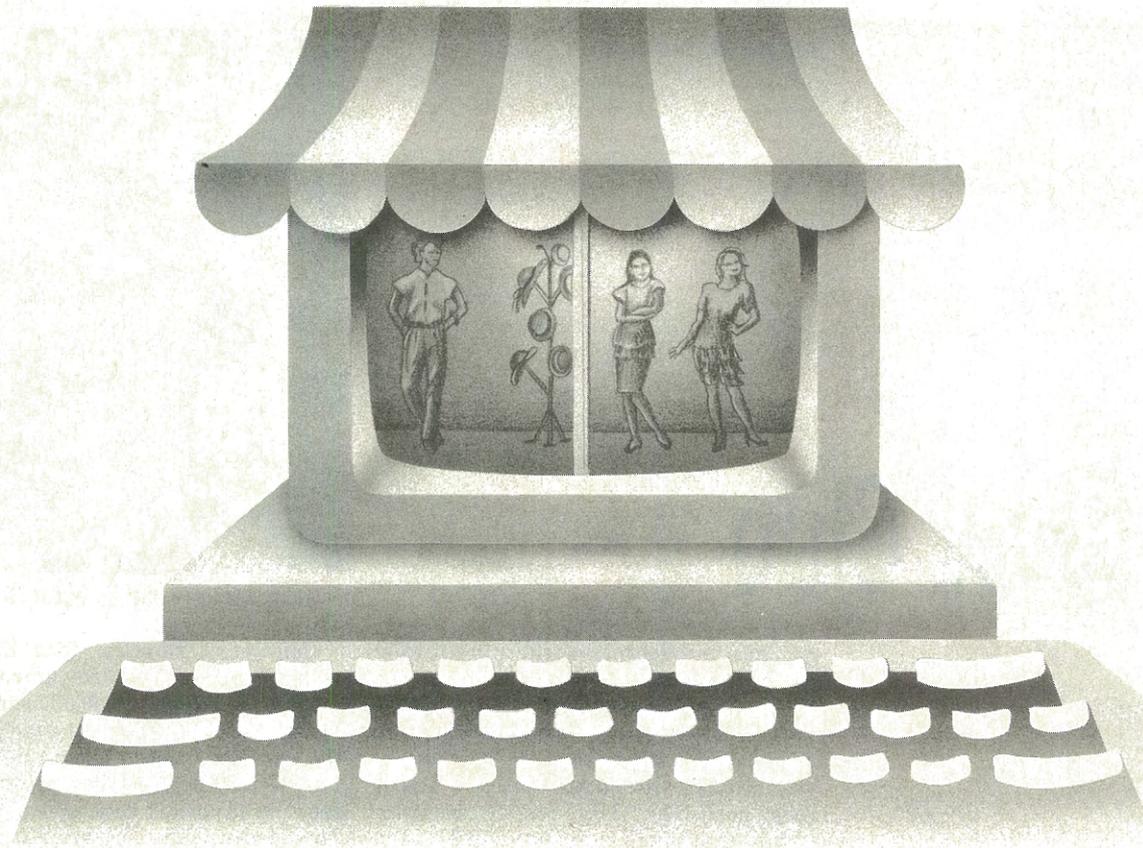
**E\*TRADE**  
SECURITIES, INC.

**SIPC**

AMERICA'S ELECTRONIC BROKERAGE™

WIN \$50.00. With or without a brokerage account you can play E\*TRADE's Stock Market Game. Two winners every month. GO ETGAME on CompuServe.

© 1992 E\*TRADE is a registered trademark of Trade+Plus. All brand names and products are trademarks or registered trademarks of their respective holders.



# Window Shopper

## Shop for Great Buys Anytime...

Your PC screen becomes your window to the world of high-quality discount shopping — 24 hours a day — with Shoppers Advantage.

Window shop at your convenience for **over 250,000 famous maker items at 10%-50% off the manufacturer's suggested list price**. Compare prices and features on virtually anything from audio equipment and appliances...to window treatments and tools.

Over a quarter-million items, all from leading manufacturers like Maytag, Panasonic, GE, Black & Decker, Nintendo, just to name a few. Take your time — browse in peace — no salespeople or fellow shoppers to get in your way.

But why *just* browse when you have our **Low Price Guarantee**? Spot a better deal anywhere else, and we'll refund you the difference in price!\* Plus — why pay for extra warranty? Shoppers Advantage *automatically* covers your online purchases for **two full years** from date of purchase — Free.\*

Should you need to “come inside” for a closer look, or ask for personal assistance when ordering, just call

**1-800-843-7777** and speak directly to one of our knowledgeable Shopping Consultants.\*\*

So don't loiter outside. Enter your very own mall, and enjoy 3 months of meaningful savings for only \$1 by **entering GO SAC, or find us on The Electronic Mall Menu**. Or, call us now at **1-800-843-7777**.

After, unless you notify us otherwise, we'll continue giving you access to all these benefits for a full year and bill you only \$39. If, for any reason, you're not completely satisfied, you can cancel your membership during the first year for a **full refund**.

Shoppers Advantage makes window shopping easy...until you see how much money you'll save — then you won't want to “just look.”

## Introductory Offer: 3 Months For \$1

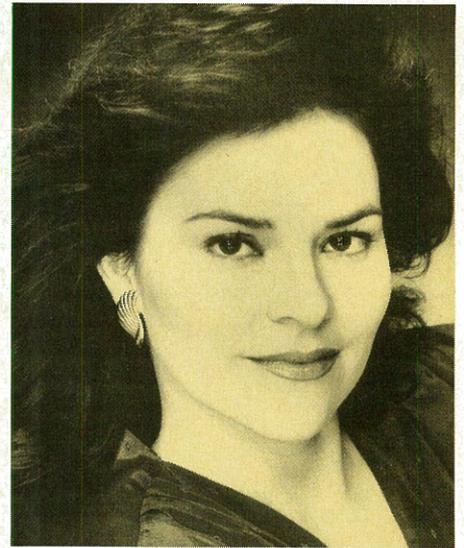
\* Conditions of our Low Price Guarantee and Automatic Two-Year Warranty Protection can be read online.

\*\* Hours: Monday - Friday, 9 a.m. - 11 p.m.; Saturday and Sunday, 9 a.m. - 6 p.m. (ET).

Shoppers Advantage is a service provided by CUC International Inc.  
© 1992, CUC International Inc.

**Shoppers Advantage**  
ON THE ELECTRONIC MALL

# The Book Club



Found an audience, then an agent: Gabaldon

► In a publishing world gone totally Hollywood, online connections help authors onto the Big Shelf.

Not many professional pursuits rake their practitioners across the barbed-wire wall dividing art and business as much as book publishing. Like entertainment or sports, publishing's aesthetic value has been superseded by press barons and multimedia conglomerates, million-dollar contracts to name novelists such as Stephen King, retail distribution chains and the pressure to produce the next commercial hit.

Authors, to a great extent, have to rely on not just what they write but also who they know and how well they can play the game. Connections in the unpredictable, inconsistent field help spread word of their work and get the responses they most want to hear: "Let me show your stuff to my agent" and "We want to publish your work." In the case of the following authors (all of whom just happen to be women), those connections, earning them a big break or the support of their peers, were of the online variety.

## RANDOM ACCESS

### CM's Random Access Credo:

It's time to forget all the things you *have* to do with a computer and take your hard drive on a gratifying spin in our Virtual Community. Play hard, buy smart, seek solace, talk hobby shop or get headed down the holiday road.

▼  
Big Margin Break

▼  
Eatery Picks & Pans, p. 40

▼  
Animation's New Age,  
page 44

### Diana Gabaldon

About a year after software reviewer Diana Gabaldon joined CompuServe's Literary Forum (GO LITFORUM), she got into an online discussion with a man about what it feels like to be pregnant. In the course of things, she mentioned that she'd written a fictional episode about the subject. The man challenged her to leave it in a forum library.

In short order, a number of members left her messages, telling her how much they'd liked the entry and asking her what it was from. Abashed by the enthusiastic response, she sheepishly admitted that the segment came from a novel-in-progress that she was writing as a finger exercise to teach herself the form. Several members asked her to put more of the book online, which she did.

Miracle of miracles, John E. Stith—a well-known novelist and forum member—offered to introduce Gabaldon to his agent, Perry Knowlton. Recognizing the promise of the partially finished manuscript she sent him, Knowlton agreed to represent her. He sent the completed book to five publishers. Three made bids. The greenhorn novelist signed a three-book deal with Delacorte Press.

The rest of the story has become a publishing legend. Two of the three books—*Outlander* and *Dragonfly in Amber*—have been smash hits, and she's polishing a draft of *Voyager*. The books tell the story of Claire Randall, a nurse during World War II, who is mysteriously propelled into the Scotland of 1743 and marries a rugged Scots laird.

"Diana's success is as close to the fairytale version as I've come across," says Stith. "With her first novel, she instantly went to the income level and print runs reserved for writers who've built up readership for 10 to 20 years."

Now a full-time author, the fourth-generation Arizonan confides that the prototype for the dashing laird, Jamie Fraser, is husband Doug Watkins—from the neck down. "Oh, great," he said, when informed of the fact. "Now the entire world knows what I look like with no clothes on."

Gabaldon identifies far more with Jamie than she does with her heroine. "If I 'am' anybody in particular, I'm Jamie Fraser—or he's what I might be, were I an 18th-century Scottish male," she says with a grin. "He has my Catholicism, loyalty and love of family, among other things."

Although her novels are put in the Romance section of bookstores, she's not entirely pleased by such pigeon-holing, since her books have elements of mystery, science fiction, and plain old story-telling that can be appreciated by male *and* female readers. "I'm interested in telling an interesting story," says Gabaldon. "I haven't any hesitation in combining genres and elements or using those in unusual ways to do so."

The writer dislikes "unreadable" fiction,

# A Novel Approach for Lit Forum Favor

You've got a manuscript in your sock drawer. You don't have the strength to deal with one more rejection letter. Nonetheless, you believe in your book. What can you do?

Many CompuServe members have turned to the Literary Forum (GO LITFORUM) for help. Where else can an unpublished author swap comments with dozens of authors boasting hundreds of books between them? "I carry on dialogues on matters of writing and offer any information or advice I have," says Herman Holtz, author of more than 50 books produced by McGraw-Hill, Prentice-Hall and other publishers.

Like many writers themselves, the forum is a quirky and charming place to visit. "Lit Forum is like a street café where everyone, from the most battle-scarred publishing veterans to the newest ingénue poets, drops by, pulls up a chair and begins earnest discussions on the politics, perils and production of writing," says Clarissa Pinkola Estes, online member and author of the New York Times best seller, *Women Who Run with the Wolves*.

As in any society, what members respect most is talent. Don't jump in and ask well-known writers to give you names of editors and agents. Begin by uploading your best work into the forum's libraries, and allow writers to approach you first with comments.

"You never know who might be reading your stuff online and what it will lead to," says John L. Myers, author of the detective novel *Holy Family*. "I met my agent online."

By the time first-novelist Diana Gabaldon was ready to sign with an agent, she already had convinced veteran novelist John E. Stith that she was a major talent. That the two had become friends online was an additional plus in her favor.

"She asked if I'd be willing to recommend her to my agent, and I was glad to do it," says Stith, author of *Redshift Rendezvous* and the upcoming *Manhattan Transfer*. "My agent said he'd take a look at her work, and things worked out fabulously."

As always, observe online rules of etiquette:

- ▶ Do ask for information in "byte"-sized chunks. For example, ask if someone knows a publisher specializing in children's mysteries. Don't ask for a list of every publisher who has ever done them, says Myers.
- ▶ Do participate in the forum and become somewhat of a regular before you ask for anything. "The better you know people, the more willing they are to go out of their way for you," says Stith.
- ▶ Do make sure your question isn't already answered in a forum library before you ask it (see "Text on Texts," p. 38.)
- ▶ Don't come online asking for a 20,000-word recipe for instant success, says Stith.
- ▶ Don't forget to say thanks when someone helps you. And don't get huffy if someone is kind enough to give you constructive criticism, says Myers.

Rather than single out one writer for help, Assistant Forum Sysop Janet McConnaughey recommends that you post your messages to ALL. She says that most writers recall the help that other people gave them at some time. "Since you can never pay back all that other writers give you when you're starting out, you have to 'pay forward' by helping others in your turn," a famous online author once told McConnaughey.

—HN

and says that she'd rather emulate such masters as Alexandre Dumas or Arthur Conan Doyle than she would James Joyce. Pressed to cite her literary heroes, she ticks off Charles Dickens, Robert Louis Stevenson, John D. MacDonald, Dorothy Sayers and P.G. Wodehouse.

How does she get her ideas? Occasionally her historical and geographical research will trigger an idea or scene, says Gabaldon. More often than not, she mines her psyche until a vein of silver lies exposed. "I sit still and stare at the wall until something occurs to me," she says.

On days when Gabaldon suffers writer's block, she has a tried-and-true method of squirting creative WD-40 into the frozen crevices of her brain: "I'll usually just start with a description of something, and see what happens—something always does," she says.

Gabaldon's fourth book may surprise her readers. Rather than get caught in a rut, she plans to write a contemporary crime story. "Then I'll write the fourth Jamie and Claire book, to finish the quartet in good style," she promises.

## Michael Lee West

Novelist Michael Lee West has many admirers, but none who climb trestles to serenade her. In 1990, when Longstreet Press launched her first novel, *Crazy Ladies*, reviewers repeatedly hailed it as a distinguished addition to the canon of American literature. "There is a wealth of humanity

**GO  
CORP  
CONNECT FREE!**

## FORM YOUR OWN CORPORATION by phone, by fax, on-line, in any state, in as little as 8 minutes, as low as \$45

**A**mazing but true. The Company Corporation (TCC) has set up more than 89,000 corporations in the last 20 years!

You know the advantages of having your own corporation: Incredible tax breaks. Protection of personal assets. Attracting investors. Plus, you can quickly transfer ownership or distribute shares (without dissolving your business) to family members or friends. And more.

The problem is most folks think you have to go through a law firm, pay \$2,000 to \$3,000, wait six weeks and then forever be bogged down with mountains of paperwork just to set up a corporation. Not so when you go through TCC. You can incorporate in 8 minutes...over the phone...for as little as \$45. (That's right FORTY-FIVE DOLLARS ONLY), plus a state filing fee—usually \$74. Or of course, on-line, or by fax as well. This is exciting.

We have been doing this for 20 years. And we've set up over 89,000 corporations. That's all we do. We are hooked up to affiliate offices in every state in the country. We are most famous for our ability to set you up as a Delaware corporation—the well-known corporate haven.

Now we've made it especially easy for first-timers to incorporate. All you need is to grab your credit card, call us up and we'll do it all by phone, including name

reservation. Or "GO CORP." No red tape. No legal fees. No hassle.

### FREE • FREE • FREE

If you're still unsure about incorporating, try this: We'll send you a FREE copy of our publication, HOW TO FORM AND SERVICE A CORPORATION AT VERY LOW COST! This amazing publication will tell you everything you need to know to form your own corporation in all 50 states...legally, quickly and affordably, with maximum protection for your personal assets.

Do yourself, your family and your business a favor. Take about 8 minutes and call or fax the number below. Or contact us on-line; we'll incorporate you within 24 hours! Or, we'll send you this RISK-FREE publication. Either way it will probably be the smartest move you make this year.

Incorporating is a powerful step in controlling your future. Take that step today.

**1-800-542-2677  
Ext. B201**

The Company Corporation  
Three Christina Centre,  
Dept. B201  
201 N. Walnut St.,  
Wilmington, DE 19801

**Save Yourself a Fortune  
in Taxes and Legal Fees!**

© The Company Corporation 1992

**\$5.00 USAGE  
CREDITS FOR  
EACH NEW  
INCORPORATION,  
WHILE SUPPLIES  
LAST!  
"GO CORP"**



Forum is a 'kitchen' writers' colony: West

here, a depth of understanding of character that has been equaled by few first novelists—ever," wrote one critic.

The novel's structure is unusual. Each chapter is an extended monologue delivered variously by six women, members of the same Tennessee family. West cleverly binds the chapters together with a single theme: one violent act, no matter that it be done out of necessity, has far-reaching, destructive consequences.

The use of multiple voices with Southern accents is reminiscent of William Faulkner at his best in *As I Lay Dying*. "She writes like the Mormon Tabernacle Choir—a thousand voices, all different, all together," says novelist Gabaldon, who befriended West in the Literary Forum.

The beneficiary of all this praise is a feisty resident of Lebanon, Tenn. She's a jumble of walking contradictions, a rebellious baby boomer "raised right" by Southern parents. She wears a "Cowgirls Looking for Trouble" T-shirt to give neighbors gossip fodder, yet serves snacks on linen napkins displaying two inches of tatted lace. "Just as Melanie Wilkes could not conceive of dishonor in anyone she loved, Michael Lee West cannot conceive of serving on paper napkins," she says.

The West family lives in a house right out of a Southern gothic novel, its beveled glass clotted with cobwebs and wasp nests. She and husband Mahlon raise vegetables for ritual canning in a fertile dirt patch she calls "Mrs. Frankenstein's Garden." The name will be on the title page of a future novel. "I've got the novels-in-progress stacked up like airplanes at O'Hare," she cracks.

The author writes early drafts on legal pads, then loads them into her computer to give them editorial legitimacy. Just as Tennessee Davy Crockett personalized his rifle with a nickname, West has baptized her computer, a Goldstar '286. "Miss Hattie talks to me in a sweet, soothing voice," she says. "She takes my hand and pulls me forward."

Don't be misled by the author's glamorous publicity photographs. West says she works best who works at her grubbiest. She writes

daily from 8:30 a.m. until 2:20 p.m.—the time her younger son is in elementary school—clad in a torn T-shirt atop pink sweats patched with electrical tape. Occasionally, she flails the computer keys while wearing a flannel nightie when inspiration won't wait.

Chapters from the manuscript of her new novel, *She Flew the Coop*, now are coming back to her via CompuServe Mail with the comments of several trusted writers who have befriended her online.

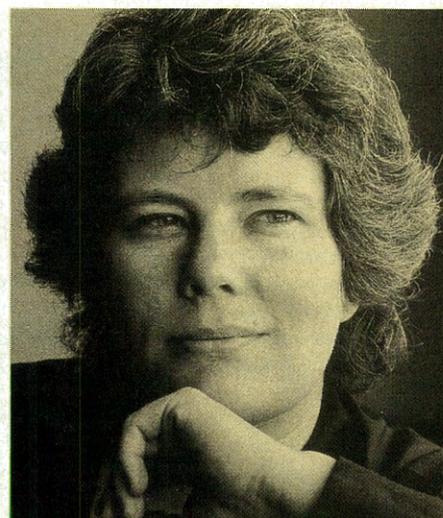
"The Literary Forum is like Yaddo or McDowell [Writers'] Colony, but it's in my kitchen," says West, who logs on to CompuServe with "Little Bit," her laptop. "It's the ideal writer's community: It's supportive, there's no competition, and people break their necks to find answers to your questions."

### Vonda McIntyre

Believe it or not, there's a disadvantage to publishing your first story at 20, says Vonda N. McIntyre, best-selling science-fiction author whose total sales amount to 4 million books. "I'm 44, but have been around so long everybody thinks I'm 102," says the author of *Metaphase*, *Dreamsnake* and several books in the *Star Trek* series.

And please, don't call her a sci-fi writer—though she's a member in good standing of the Science Fiction Forum (GO SCIFI). "Even though that's CompuServe's preferred designation, (the abbreviation) 'sci-fi' is actually considered rather an insult within the community," says McIntyre, whose first-degree black belt in Aikido convinces most folks that she's serious.

The author stresses that what she writes isn't fantasy. Her speculations about social, political and biological life in the future are all within the realm of possibility.



Mingles with her science fiction fans: McIntyre

McIntyre, a winner of the "Oscar" and "Emmy" of science-fiction writing, the Nebula and Hugo awards, works out of her Seattle home. Except for a pair of unusual icons—glow-in-the-dark slugs atop her computer monitor—her office is free of ornamentation. Each working day she heats up her creative stove by answering mail, then keys in the revisions from the previous day's hard copy into a disk file.

Except for the heroes of the *Star Trek* series, McIntyre's protagonists are all strong-minded women who are the author in idealized form. And don't ask her to apologize, either.

"I think it's obvious to most folks that I'm a feminist," she says. "I'm sad that so many younger people think the world is an insult and deny that it could ever apply to them. At the same time, I'm glad that the world has changed enough that a lot of those younger people don't—can't—understand how necessary the feminist movement was."

An "alien contact specialist" named J.D. Sauvage is the heroine of McIntyre's best-selling *Starfarers* series. Her own real-life cultural hero is Jacques Cousteau, whom she cites as "one of the first and most constant defenders of the sea."

*Starfarers* speculates what future computer networks will be like. She predicts, privately, that CompuServe in the 21st century will enable any member to communicate with anybody or anything, anywhere, anytime. "What we have to figure out how to deal with is instantaneous dissemination of baloney," she says.

McIntyre enjoys chatting with her fans in the Science Fiction Forum and has made her books available for purchase in Library 3, "SF Literature," through the "Basement Full of Books" list. "The conferences are fun, especially if you're a fast typist, which I am," she says. She likes to carry on multiple conversations, some public and some private.

"Adds a certain amount of risk," she says mischievously.

*Hank Nuwer, the author of 13 books, is finishing a biography of track legend Jesse Owens. His CompuServe User ID number is 76004,1751.*

### Text on Texts: Lit Forum Files

Whether you're a pro with books in print or you finished your first poem last weekend, you'll find great information on the writing trade online.

GO LITFORUM to access the Literary Forum. You'll find Library 13, "Art of Writing," particularly geared to the questions all writers ask. Here are sample files:

**Manuscript Info**—Contains information on the right manuscript format for poetry, articles and fiction. MSFMT.MAB (3,768 bytes).

**Revision Tips**—Offers hints from a professional editor on the art of revision. HINTS (2,250 bytes).

**Overcoming Mental Block**—Gives those with mental constipation 45 ways to stop writer's block. BLOCK.OUT (3,426 bytes).

**Contacting Editors**—Gives some specifics on writing query letters to editors, particularly those in the field of romance. QUERY.ROM (1,645 bytes).

For those  
investors seeking...



Rewards of  
**GROWTH**  
&  
Benefits of  
**INCOME**

**Introducing Dreyfus  
Growth & Income—a Fund  
that is now concentrating on  
dividend-producing stocks and  
convertible securities.**

This Fund is currently pursuing its goal of growth and income by compounding capital growth with regular infusions of dividend income. In addition, with the Fund's flexibility, the managers may shift small or large parts of the portfolio into bonds or money market securities, if immediate prospects for the market change.

- **No sales load • Low \$2,500 minimum investment**
- **24-hour fund information and transaction service.**

For a Prospectus with complete information on management fees and other expenses, call our toll-free number below. Please read the Prospectus carefully before you invest.



**GO DR**



**Dreyfus Growth and Income Fund, Inc.**



**1-800-DREYFUS**

**(1-800-373-9387)**

Ask for Extension 4827

# Advise and Consume

## ▶ Looking for good food in unfamiliar places? Ask the locals online.

Visiting Mission Beach, Calif.? Don't miss the Green Flash restaurant on the boardwalk, advises Susie Lindeberg in the Cooks Online Forum.

Still hungry? Mission Beach's popular Spice Rack is good for breakfast.

If you're traveling and hungry, good eating advice is as close as your computer and CompuServe, the network's gourmets say. The search for good places to dine and drink is almost a full-time occupation for participants in forums that focus on food and beverages, including the Cooks Online Forum (GO COOKS), the Travel Forum (GO TRAVSIG), and the Wine and Beer Forum (GO WINEFORUM). These forums not only devote entire message sections to dining out but also reserve library space for scores of restaurant reviews written by members (see "Eat at Joe's, Or Don't," p. 42).

Just about everyone who eats is an expert on where to do it well. "I think we all are aware that the local denizens usually know the best watering holes and food emporiums," says Dave Groves, sysop of the Diabetes Forum (GO DIABETES). Since virtually all forums are becoming more international, a simple message with the subject "Eats in [city]?" generally results in several responses for most cities in the world.

This is especially true in the Travel Forum, where members from Astoria to Zimbabwe post restaurant recommendations. "Where we don't have members living, we have them passing through," says Forum Manager Jerry Schneiderman. "A message for anything up to and including the best Italian restaurant in Burma will get results. I'll 'steak and brew' my reputation on that."

Travel Forum's globe-trotting members talk about good eats in virtually every one of the forum's geographically divided message sections, from the United States (Section 1) to Asia (Section 8), and even airlines (Section 13). First class on Singapore Air, by consensus, has the best airline food. Travel Forum's "postcard" reviews of restaurants and hotel accommodations, contributed by members

from wherever they travel, are scattered through the forum's libraries.

There's no "magic" to getting restaurant hints online, says Dallas resident G. C. Bellaire, a regular participant in the Travel Forum. Just post a message and solicit responses. This allows you to be specific in dining preferences. "Not only do we get excellent recommendations this way—for restaurants, hotels, airlines, tours, cruises, you name it—but we also get real personal experiences," says Bellaire.

Beer fancier Steve Stroud of Boston says he rarely travels without checking in with

checked in with the U.K. Forum (GO UKFORUM) before heading to London last year and found several good London restaurants. "I wanted a restaurant that served typical English cuisine. First I checked out the book *Cheap Eats in London*. Then I posted a forum message and listed a few that sounded interesting to see if anyone had experience with any of them. I got many responses and even some additional ideas."

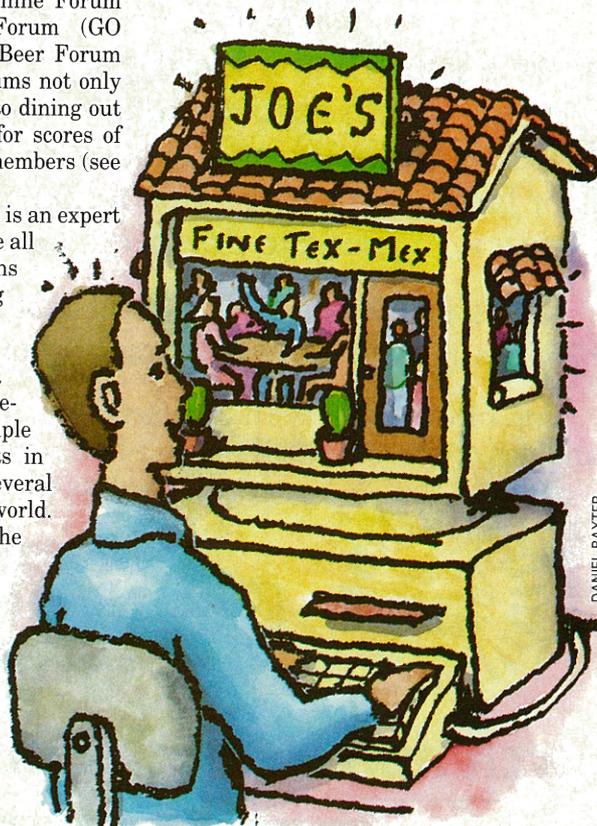
Better yet, she says, forum member and London resident Pete Hall saw her message, visited one of the restaurants on her list (Porter's English Restaurant, a moderately priced place in the Covent Garden neighborhood) and tried some of the items on the menu. Based on Hall's favorable report, Payne and her family had a wonderful dinner, complete with English cider.

Even the participants in such seemingly unlikely places as the Pets/Animals Forum (GO PETS), the Gardening Forum (GO GARDEN) and the Literary Forum (GO LITFORUM), for instance, frequently talk about dining out in their nonbusiness or "chat" sections. Before she travels to a new city, Debbie Gates of Vicksburg, Miss., notifies her friends in the Pets and Aviation Forums (GO AVSIG) of her upcoming trip. Not only does she gather restaurant recommendations but also friends to join her dinner table. "I never have to eat alone!" she says. "I've had the best pizza in Chicago with friends from the Aviation Forum, enjoyed the best view in New York City with friends from Pets Forum and tasted several sides of New Orleans with folks from both forums."

But sometimes there is so much advice it needs to be filtered. Kenneth Krone "trolls" the Wine and Beer, Travel and Cooks Online Forums for good suggestions, but he gets his best results by polling people online whose past advice has been reliable and whose interests and tastes agree with his.

Cooks Online participant Bob Vowels of Washington, D.C., agrees with this approach. "Ask folks who are hanging out in a milieu that *you* hang out in," he advises. "Taste is so subjective: To one person, 'Sizzler' is the best; other folks wouldn't be caught dead in one!"

In addition to their online resources, CompuServe members also search local magazines and guidebooks for good restaurants. However, experienced travelers warn against the free promotional magazines available in hotel lobbies, which usually fea-



DANIEL BAXTER

his buddies in the Wine and Beer Forum's Beer and Brewing sections. "Hit the forum libraries," he advises, for extensive lists of microbreweries and brewpubs. Then post a general query and ask for advice. "Someone might know of a local publication about beer such as *California Celebrator* or *Yankee Brew News*."

New Jersey resident Paula Payne

# Zagat's Just-Plain-Folks Reviews

The most difficult part of dining out is deciding where to eat. So when people hear that Tim and Nina Zagat engage thousands of independent, volunteer restaurant reviewers for the *Zagat Survey*, they put down their forks and listen.

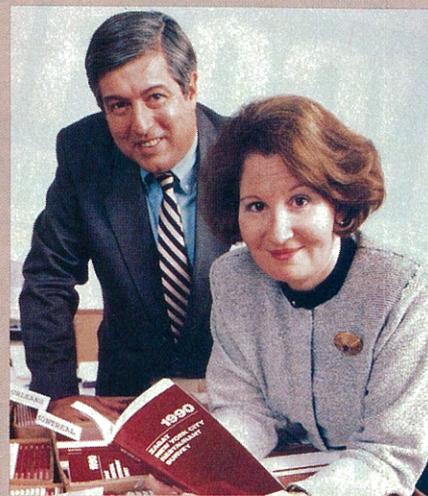
The Zagats, both former practicing attorneys, co-publish the acclaimed *Zagat Survey*, a series of major U.S. metropolitan and regional restaurant reviews. More than a million copies of the surveys have been purchased in guidebook form, and they are considered *the* reference books for fine dining. As U.S. restaurant surveyors, the Zagats now give online members advice with their new restaurant review database (GO ZAGAT).

The survey formula, as opposed to the individual critique, is analytically more reliable because the average restaurant review is based on hundreds of meals, according to the Zagats. Therefore, a greater number of menus, seasonal items and serving idiosyncrasies can be sampled, critiqued and scrutinized for an accurate and succinct description of what diners can expect at restaurants in 29 U.S. cities and regions.

To locate survey participants, the *Zagat Survey* team targets people who eat out or travel regularly. Although survey participants dine out an average of three or four times per week, the difference is that they are commoners in the world of elite, professional reviewing. The *Survey* itself is "very long and detailed," Zagat says, "and the result is a survey that is not only current and reliable but also filled with thoughtful commentary."

Reviews are updated annually, either with a new survey or by editors who update existing reviews, including listing new and closed restaurants, as well as significant chef and management changes. Final evaluations are compiled by data processing houses in New York and New Jersey.

With the online survey, participants begin by selecting the city or region of interest. The *Zagat Survey* then allows the online diner the opportunity to refine the search based on one of five criteria. Search for a review by restaurant name, neighborhood location, type of cuisine, price range or noteworthy newcomers (restaurants opened within the last year or two).



A chorus of critiques from diners: The Zagats

And, for would-be reviewers, the *Zagat Survey* not only offers a chance to comment on the product (Option 3, "Your Comments about *Zagat Survey*," on the main *Zagat* menu), but also extends an invitation to become a Zagat reviewer (Option 1, "About *Zagat Restaurant Survey*").

For diners across America, the *Zagat Survey* defines "good" once and for all.

ture only favorable pseudo-reviews of restaurants that buy advertising. "Many of those are tired tourist traps," warns Travel Forum member Henry Mensch of San Francisco.

Unlike the free handout magazines, however, city magazines, usually aimed at the locals, have good restaurant information. "Food and restaurants are often a major part of the content," says Wine and Beer Forum member Tom Brudzinski, who lives in Columbia, Md. "A trip to the closest newsstand (often in the hotel) and some discreet browsing can usually produce an interesting restaurant."

Travel Forum participant Lan Sluder, of Asheville, N.C., stops in a local bookstore upon arrival to a large city and skims the local guidebooks and magazines for appealing restaurants. In smaller cities, however, he and his wife rely more on the visual. "My wife favors asking strangers who look well fed," he says. "She also says that in the South the best barbecue is at restaurants where there are both old pickup trucks and new Mercedes and Lincolns parked outside."

An experienced concierge at a quality hotel also will be knowledgeable about good local restaurants. U.K. Forum's Nigel Peacock, of Tunbridge Wells, England, takes this approach when looking for a restaurant recommendation, but with a twist: "In larger cities, when staying at the 'better end' hotels, a question to the oldest-looking reception clerk is usually a good bet," he says. "Ask for three or four names and *then* ask him to pick

the best of the four. I have found this works eight times out of 10."

Cab drivers, too, usually know which restaurants are the most popular, because they take a lot of fares to them, Sluder says. The caution here is that the most popular restaurants aren't always the best.

If you're looking for vegetarian cuisine, get in contact with the local vegetarian society. "You usually can find one in every area," says Chris Mitchell, leader of Cooks Online's Vegetarian section.

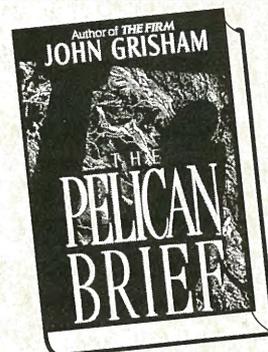
Also, try the creative option of talking to merchants who deal in quality merchandise and gourmet fare, as they are generally interested in fine dining, suggests Wine and Beer Forum member Bob Cohen of Albany, N.Y. "I've found that clerks in wine shops seem to know of good local restaurants. This also applies to clerks at *good* gift shops and art galleries."

Sometimes simple instinct works as well as anything. "I like just strolling around an appealing neighborhood and may take my chances just jumping into some place that looks good, meaning filled with happy-looking local people," says assistant Travel Forum Sysop Makiko Itoh. "This works particularly well for ethnic neighborhoods."

*Robin Garr, for many years the wine and restaurant critic of The Louisville Times and The Courier-Journal and now a writer based in New York, often writes about food and wine. He is associate sysop of the Wine and Beer Forum. His CompuServe User ID number is 76702,764.*

## BOOKS ON TAPE®

World's Largest Selection of Audio Books



- Best Sellers on Cassette
- Full-length Rentals
- For Special Introductory Offer, **GO BOT**

Or Call for Free Color Brochure

**(800) 626-3333**

Box 7900-CP, Newport Beach, CA 92658

Reg. U.S. Pat. & T.M. Off.

# JUST !GO RELO

## WHEN YOU'RE THINKING OF RELOCATING

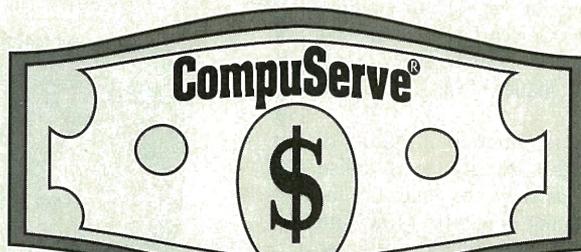


The International  
Relocation Network  
111 East Wacker Drive  
Chicago, IL 60601

- ! Are you relocating or looking for a home in another city or state?
- ! Since 1960 we've offered professional relocation services to over 1,000,000 transferees.
- ! We'll provide information on schools, taxes, etc. plus assistance in evaluating neighborhoods.
- ! We're RELO/The International Relocation Network, 1,200 members, 14,000 communities.

***Our RELO® members are the leading independent brokers in their community. They are selected on the basis of their commitment to relocation and willingness to provide services to families on the move.***

## TAPCIS® stretches your CompuServe dollar!



keeps you off-line  
as much as possible.

**Result:** Lower CompuServe  
bill!



**How:** Do all your reading and typing off-line. With one key TAPCIS send/receives messages and files, and logs off.

**Call (800) 872-4768**

(301) 387-4500 • FAX (301) 387-7322 • GO TAPCIS 74020,10

**90-Day Full Money Back Guarantee • \$79**

Support Group Inc. • Lake Technology Park • McHenry, MD 21541

GO OLI for more information.

## Eat at Joe's, or Don't: Fine Dining Files

Whether you're staying in Casper, Wyo., with a hankering for good barbecue, planning a big evening on the town in the Big Apple or merely seeking vicarious dining pleasure via computer, you'll find reviews of restaurants worldwide in CompuServe's forums devoted to travel, food and beverages.

Browsing using the keywords RESTAURANT, FOOD and WINE in the Travel, Cooks Online, and Wine and Beer Forums brings up scores of CompuServe members' reviews. Here are highlights:

### TRAVEL FORUM (GO TRAVSIG)

**Become an Online Critic**—Simple form to post your reviews of restaurants and hotels. Library 0, "General Interest," REVIEW.CRD (2,569 bytes).

**Windy City Dining**—Australian visitors Mark and Grace Christian share their impressions of Chicago, with reviews of four fine restaurants. Library 1, "United States," CHICGO.IL (9,168 bytes).

**Kauai Wowie!**—Good places to eat on Hawaii's Kauai island, presented by forum member and Hawaii resident Mike Endres. Library 11, "Hawaii Help Line," KAUEAT.HI (2,289 bytes) and KAUAL.EAT (1,957 bytes).

### WINE AND BEER FORUM (GO WINE)

**New York Dining**—"Postcard" and other reviews of forum members' favorite Big Apple dining spots. Library 11, "Restaurant Guide," PC-NY.TXT (2,512 bytes) and NYREST.TXT (15,501 bytes).

**On the Other Coast**—Forum's "Postcard" reviews of California spots. Library 11, PCCA.TXT (6,878 bytes).

**The City That Care Forgot**—Robin Garr's advice on dining in New Orleans, and an interview with Cajun Chef Paul Prudhomme. Library 11, NORLNS.RG (9,992 bytes), and Library 4, "Food and Wine," KPAUL (11,858 bytes).

**Write Your Own Review**—Text "template" for forum "Postcard" reviews of restaurants, taverns and brewpubs. Library 11, PCTEMP.TXT (225 bytes).

### COOKS ONLINE FORUM (GO COOKS)

**New York Vegetarian**—Chef and food enthusiast Dan Perlman's restaurant-review column covers two vegetarian restaurants and a spicy-food store. Library 13, "Dining Out," OCTREV.TXT (7,884 bytes).

**Seattle Eats**—Food writer and chef Gregory H. Maass describes his memorable meals in Seattle restaurants. Library 13, SEATTL.TXT (3,512 bytes).

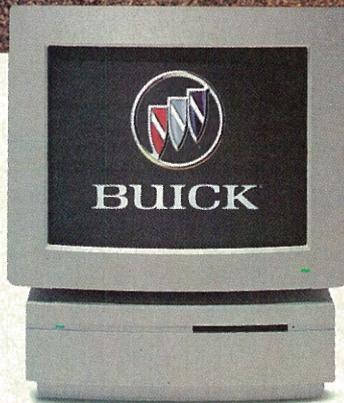
# Boot up a Buick on your computer.



## Announcing the Buick Dimensions Disk Version 19.93

See what's new from Buick for 1993, with a *FREE* copy of our Dimensions Disk — version 19.93.

Designed for MAC and IBM compatibles, this disk tells you all about the exciting new Buick models. It includes information about Buick features, safety, financing, details on the warranty, and more.



You'll also be able to look at 90 years of American inventions and innovations, and play a Memory Lane game that will test your knowledge back to the turn of the century.

Plus, if you buy a new Buick, you'll get a \$125 gift certificate for merchandise from *The Sharper Image* catalog and stores.

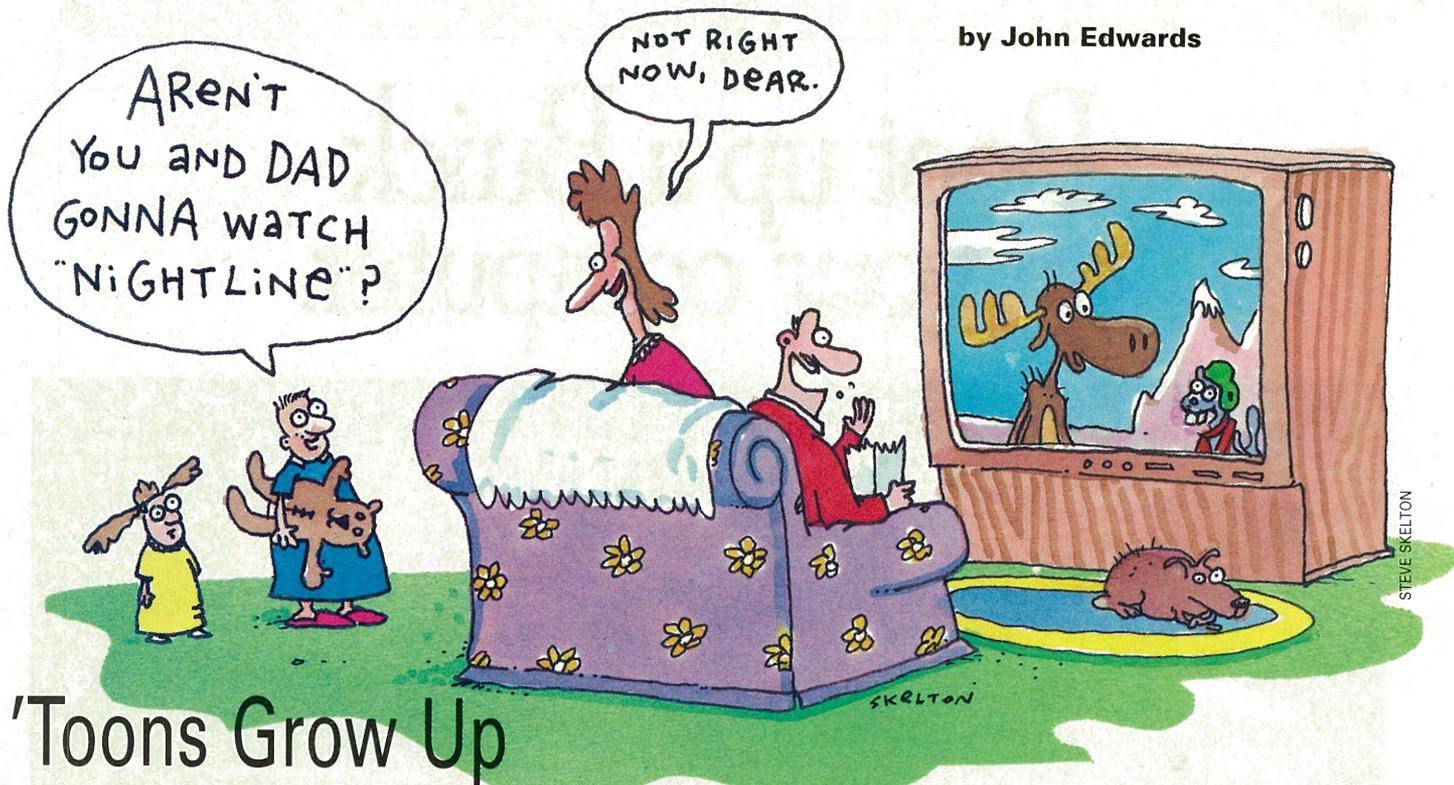
To download Buick Dimensions, or order the free disk on CompuServe, type GO BUICK.

 ©1993 GM Corp. All rights reserved. All product names are trademarks of their respective owners. Buckle up, America!



**BUICK**

The New Symbol For Quality  
In America.



## 'Toons Grow Up

► **Pow! Animation's early fans are reviving the comic art as adults.**

Until recently, comic book and animated cartoon characters had the soft and easy life: lobbing asteroids into deep space, squashing two-legged cats with steamrollers and giving grief to mad scientists everywhere. In their multicolored world, things were pretty black and white.

But times change and that innocence is now largely lost. Today's comic and cartoon protagonists are as likely to struggle with the runaway federal deficit as runaway asteroids. Worse yet, steamroller exhaust fumes contribute to the global greenhouse effect. And mad scientists? Perhaps Dr. Gloom just has a deep-seated psychological problem that can be successfully worked out

in therapy.

Like their readers, comic books and animated cartoons have grown up. The success of such movies as *Aladdin*, *Beauty and the Beast* and *Who Framed Roger Rabbit?*, as well as TV shows such as *The Simpsons*, have given new life to the genre. So has an increased sophistication on the part of comic book authors and cartoon animators. For

## Keeping Up with 'The Simpsons'

It's a well-known fact that many comic book and animation fans are very devoted to their favorite characters. But on CompuServe, pure, unadulterated fandom doesn't have to remain a deep, hidden secret.

Whether you're nuts about Batman, Mickey Mouse, or Ren & Stimpy, the odds are that you can easily find at least several fellow online members who share your interest. It usually takes nothing more than joining an existing message thread or leaving a message to ALL to get a discussion going.

While most comic and animation character threads take place in the Comics and Animation Forum (GO COMICS), you'll have to visit Section 6, "TV/Cable/Radio," of the Consumer Electronics Forum (GO CEFORUM) to meet the fans of the '90s hottest animated show, *The Simpsons*.

Throughout the week, *Simpsons* fans drop by the forum to gossip about the show's inside jokes and to clue in fellow members to upcoming plot developments. Often, members get scoops from the very people who create the show.

"With other forum members, I mostly chat about the show I am working on," says Sandra Roy, an animator for *The Simpsons*. "They tend to be much more interested in the entertainment aspects of the show, although occasionally someone will ask me how a show is put together, what my contribution is, who does what job, or how long it takes to complete an episode."

Another forum regular, Roger Reini, may very well be the ultimate *Simpsons* fan. Reini has documented each and every

*Simpsons* episode and placed the fruits of his labor in Library 6, "TV/Cable/Radio."

"When I first joined the CE Forum in 1990, I found a file listing all of the first season episodes. That list gave me the idea to start compiling my own list for the second season and upload it for everyone to enjoy," says Reini.

At first, his episode summaries were brief, usually one or two lines. But as the season progressed, Reini started adding more and more detail. By the end of the season, he was writing lengthy summaries of the plot and mentioning each episode's best gags. "When the third season came around, I picked up where I left off. Same with the fourth season," says Reini.

There are currently five guides available in the library: SIMP0.TXT (describing the shorts that originally aired on *The Tracey Ullman Show*) and SIMP1.TXT, SIMP2.TXT, SIMP3.TXT, and SIMP4.TXT—each corresponding to a full regular season of *The Simpsons*.

"I've received responses from people in Britain, Holland and Sweden who've downloaded the guides," says Reini. "And I've heard that they've been read by some of the production staff of *The Simpsons*, which is only fair. After all, they do assist me in preparing the guide by giving me production code numbers, titles and brief plot details."

As long as the series continues, Reini intends to keep on summarizing the episodes. Forum members can expect the free-wheeling *Simpsons* discussions to continue as well.

example, Art Spiegelman's *Maus: A Survivor's Tale* and *Maus II: Here My Troubles Began*, novel-length works that use comic-style text and illustrations to portray Jewish concentration camp victims as mice and their Nazi guards as cats, won a Pulitzer Prize, an imprimatur of legitimacy for any field of fiction.

"What attracts adults to comics are the stories in combination with the art," says Neil Gaiman, a Minneapolis-based professional comic book author who regularly visits the Comics and Animation Forum (GO COMICS) to swap ideas and opinions with his readers and fellow members.

Gaiman's own comic book-based story, *Sandman 19: a Midsummer Night's Dream*, placed ahead of several traditional-style prose works to win the 1991 World Fantasy Award as best short story.

"Comics are words and pictures. There's no limit to how good either can be, nor how well they can work together," Gaiman observes. "The medium is the least important factor in whether a work of art is good or bad." Alex Amado, a publicist for Fortune Public Relations of Berkeley, Calif., a company that works with comic book publishers, believes that diversification in the comic book industry over the past decade is a major factor behind the upswing in adult readership of comics. "The 1960s and '70s had a deluge of underground 'adult' comics, but mostly soft-porn stuff," he notes. "The new breed of adult comics has a mainstream legitimacy that was lacking in previous comics." Like Gaiman, Amado believes that comics and animated cartoons can stand on their own as serious literary and artistic works, as long as their creators continue to tackle serious subjects.

But while a greater emphasis on adult themes is attracting more grown-ups to comics and animated cartoons, many people in the field believe that comics and cartoons have always had their adult fans. While *Rocky and Bullwinkle* may have never covered such topics as world hunger and homelessness, the savvy dialogue exchanged between the moose and squirrel was hardly kid talk.

"Comics and animation have always had adult adherents," observes Pat O'Neill, editor of *Wizard: The Guide to Comics* and a frequent contributor to *Comics Retailer*, a comics industry trade publication. "Remember, during World War II one of the largest segments of the comics-reading audience was servicemen, and newspaper comics have always been aimed at a primarily adult audience. After all, who buys the paper?"

O'Neill also notes that cartoons have appealed to grown-ups for longer than most people think—or are willing to admit. "The classic cartoons of the '40s and '50s were created by adults for an adult audience. They didn't become 'kiddie fare' until they were

sold to TV, where they became an easy way for program directors to fill an afternoon."

Comics and Animation Forum member Milton Teruel in New York City works as a mail clerk for an engineering firm, but spends his spare hours free-lancing comic art. He believes that comic books appeal to today's adult readers because they combine the best of two complementary artistic worlds. "A comic book presents an interesting collaboration between writer and artist," he notes. "One gets the opportunity to compare his or her own interpretation of the story with the actual visuals. The more 'professional' the artistic storytelling, the more enjoyable the experience."

Teruel observes that comics provide a temporary escape for readers. "The depth of involvement is up to each individual, and the amount of variety today is astounding, allowing many different and quite enjoyable experiences. Maybe that, as much as anything else, explains the renewed interest."

But forum member Tim Fitzpatrick, a computer consultant in Dale City, Va., who enjoys reading comics and watching cartoons, believes that the resurgence in popularity of comic books and cartoons is partly rooted within people's hearts. "I read comics

for many reasons, one of which is nostalgia," he says. "I don't think cartoons and comics ever really stopped being cool," says forum member Vinnie Bartilucci of Elmont, N.Y., who says he has been following comics and cartoon animation nearly all of his life. "You read and watched them as a child. Then you pass through that awkward age where you would sooner slit your throat with a rusty saw than be associated with anything even remotely 'childish,' so you quit them in a vain attempt to be cool. And then once you are old enough, you get seized by a wave of nostalgia and look at the stuff again."

So where are comic books and animated cartoons headed? "Everywhere, with luck," says Gaiman, who notes that the fields must continue to appeal to a wide audience by addressing an array of topics—from superheroes and interplanetary explorers to talking rodents and the struggles of ordinary people. "Good art is good art," he points out, "regardless of whether it's a film, radio play, novel, comic, TV show or live recitation in a public place."

Rocky and Bullwinkle would probably agree.

*John Edwards is a contributing editor of CompuServe Magazine. His CompuServe User ID number is 70007,412.*



**Would you put your best friend  
on the line for \$25?**

You should.

If it's on the line with CompuServe. After all, with CompuServe your friends have access to their own personal communications center, reference library, shopping mall, investment tool and travel agent.

Additionally, they get a free month of basic services, access to electronic mail, games, software support and an almost endless list of other services. And through our Member Recommendation Program you get a free \$25 usage credit just for recommending them.

So why not put your friends on the CompuServe line? To find out more GO FRIEND online.

**CompuServe®**  
The information service you won't outgrow.

# LOST AND FOUND

It's as simple as that. Put a name tag on your pet with a name, address and phone number and a quick, safe reunion is almost guaranteed!

Join our Petworks Club and save up to 20% and more!

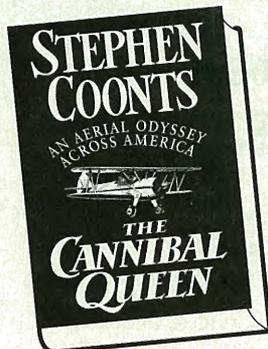


**Petworks**  
THE BEST OF EVERYTHING FOR  
PETS AND THEIR PEOPLE

**GO PT**  
or call 800-729-6369

# BOOKS ON TAPE

World's Largest Selection of Audio Books



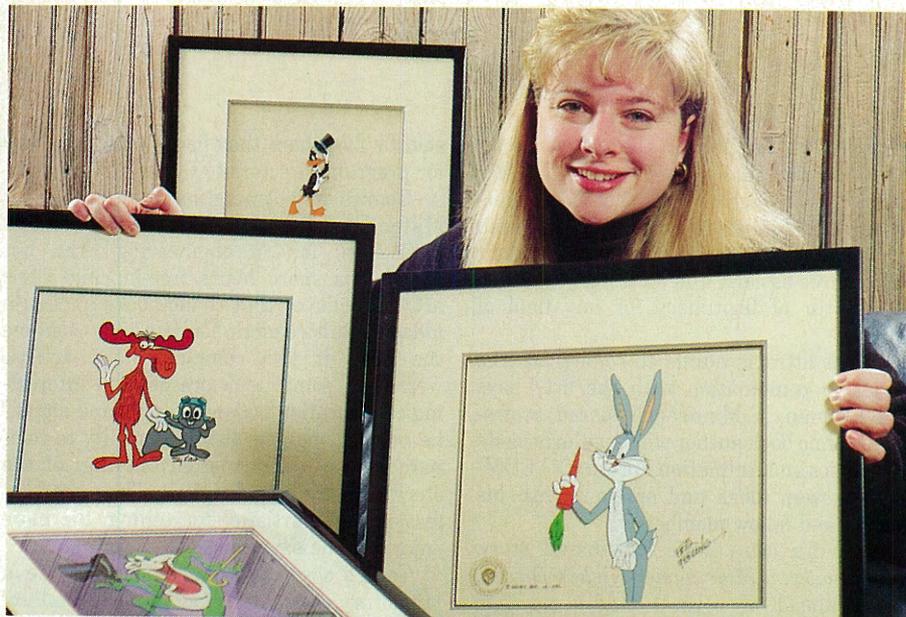
- Best Sellers on Cassette
- Full-length Rentals
- For Special Introductory Offer, **GO BOT**

Or Call for Free Color Brochure

**(800) 626-3333**

Box 7900-CP, Newport Beach, CA 92658

Reg. U.S. Pat. & T.M. Off.



BLAIR SEITZ

Painted cels may increase in value, but who cares?: Buffington

## Art You Can Really Appreciate

Like coins, stamps, baseball cards and fine works of art, animation cels—the hand-painted celluloid renderings that form the basis of all noncomputer-generated cartoons—have become highly collectible items.

Six-figure prices for top cels featuring such Disney characters as Mickey Mouse, Donald Duck and Snow White are not at all uncommon. Even cels of run-of-the mill TV characters, such as Fred Flintstone and George Jetson, can fetch thousands.

“The main draw for me is collecting cels from cartoons that I’ve seen and enjoyed,” says Kevin Yee, a systems analyst who uses the Collectibles Forum (GO COLLECT), Section 7, “Other Collectibles,” to meet and exchange information with fellow cel collectors.

The investment prospect does influence his buying decisions, but it doesn’t control it. “I buy and collect animation art for the sheer satisfaction I get out of seeing Marvin the Martian, Foghorn Leghorn, Elmer Fudd, Tom and Jerry, and others displayed on my walls, and remembering each scene that those cels came from,” Yee says.

Forum member Frances Buffington has collected animation art for about 10 years. “I buy animation art because it makes me smile,” she says. “There’s nothing I hate more than walking into an animation art gallery and having to hear a sales pitch that centers on investment value. I really don’t care if the cels I own ever appreciate.”

Kyle Miller, a cel collector who works as an art director for a software publisher when he’s not free-lance cartooning, says newcomers who are shocked by “Looney Tune” prices should check out some of the alternate animation collectibles that are on the market. “Now that prices have gone through the roof, I have to look hard for the cels that are within my price range,” he says. “Because of that, I’ve started collecting other pieces of

‘discarded’ animation art, such as pencil tests. I actually like them better, since they sometimes include notes to the inker and cameraman that give a real insight into how the cartoon was made.”

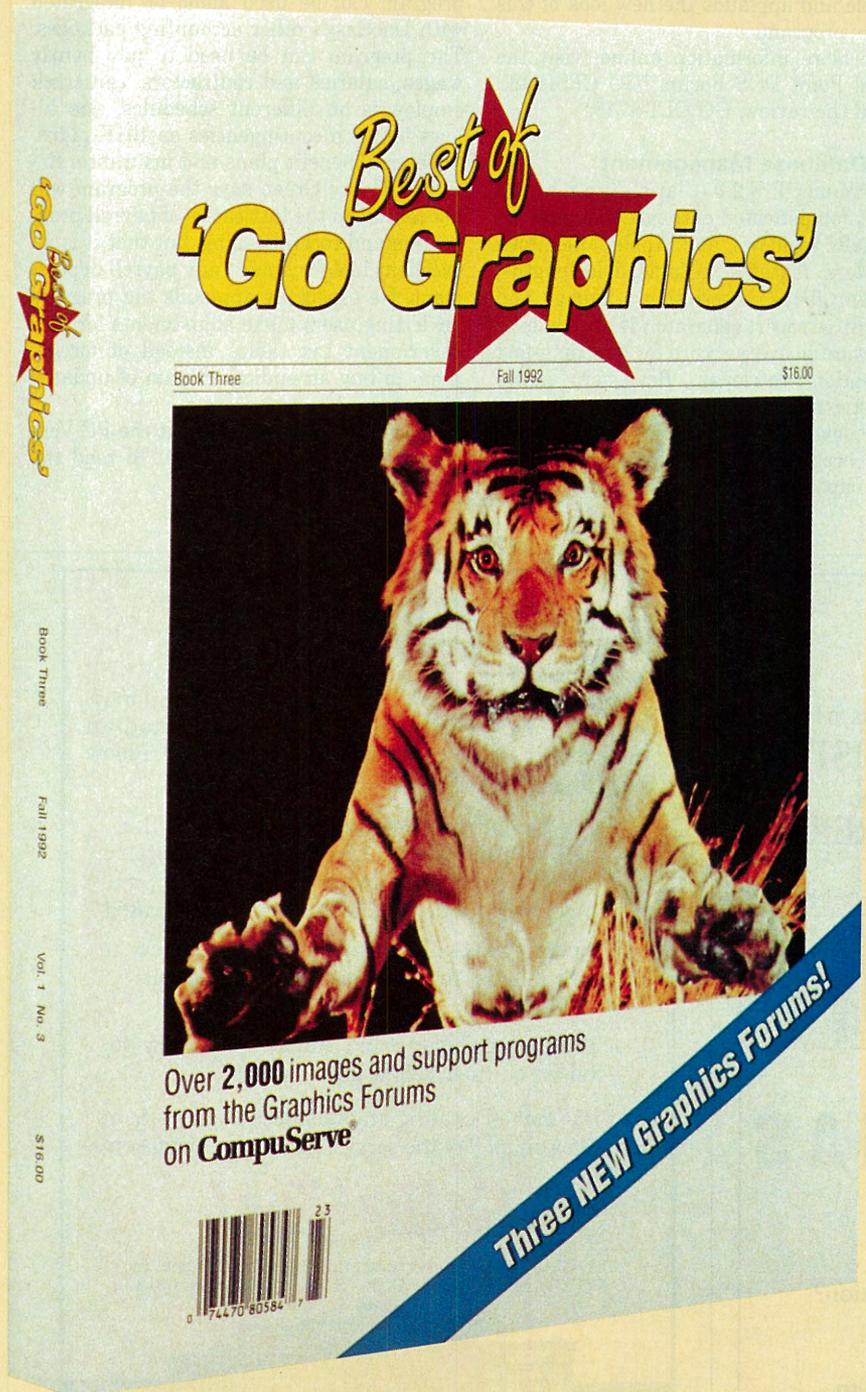
Another low-cost approach is to purchase limited edition reproduction cels—cels painted exclusively for the collector market and never actually used in a film. “While I like to limit my collection to production cels, I do have one limited edition—Michigan J. Frog—because I’ve never seen an original,” says Buffington.

“My initial advice for people just getting started in animation cel collecting would be to start out slow with something that is in a realistic price range,” says Yee. “It’s easy to get caught up in a gorgeous piece of artwork, like some classic Disney piece, and then get influenced by the salesman’s pitch. Establish your price range first and try to stay within it. Another tip would be to collect a character you really like, not just something you think has investment potential.” Yee notes that a good way to learn about the history and value of specific cels is to talk to other collectors, including the members of the Collectibles Forum and the Comics and Animation Forum (GO COMICS).

For a list of information sources on animation cels and related items, check out file CELS.TXT (695 bytes) in Library 7, “Other Collectibles,” of the Collectibles Forum.

While market activity in cels has diminished somewhat in recent years, thanks in large part to the recession, most long-term collectors feel the field will eventually rebound. “Although I doubt if we’ll see anything like the ‘go-go ’80s’ again,” says Buffington, “I’m optimistic that interest in animation art will increase as baby boomers come into more disposable income.”

# Don't wait for the movie... **buy the book!**



### **It's new!**

The hot new directory from the Graphics Forums on CompuServe.

### **It's unique!**

Each with over 2,000 images and graphics support programs.

### **It's valuable!**

It will SAVE you dollars and time by helping you pre-select your downloads.

### **It's Best of 'Go Graphics'!**

The authoritative visual guide packed with images, informative articles, and support programs. Great value for experts and novices alike.

New subscriptions for 4 issues  
ONLY \$40.00 (plus shipping)  
AND you receive a bonus  
of \$10.00 online credit!  
Limited Time Offer!

### **How to order:**

- ☞ Log onto CompuServe
- ☞ 'Go PRC'
- ☞ Select Option 5

**"GO PRC to order The Best of GO GRAPHICS"**

**PRC**  
Strength Through Understanding

PRC Database Publishing Services, 1500 PRC Drive, MS 220N, McLean, VA 22102

GO OLI for more information.

Following are summaries of software reviews available for reading this month in *Online Today*. To read the complete reviews, use the GO commands listed at the end of each summary.

## Software

### Freeform 3-D Designs

Alias Sketch! 1.5 (Alias Research Inc.), a professional three-dimensional design and illustration program for Apple Macintosh computers, can import two-dimensional drawings from other programs and turn them into 3-D images quickly and easily. In addition to powerful drawing routines, it has advanced rendering capabilities including projection mapping and many lighting options. Reviewer Anthony Watkins faults the program's manuals, but applauds its tutorial video. He says this program's expense is more than justified by its power and flexibility in the hands of a professional designer. *GO OLT-3735*

### 30 Utilities in One

PC Tools 8.0 (Central Point Software), a collection of more than 30 utilities for IBM

computers, includes a file and disk manager, an antivirus program, a task switcher, a screen blanker and a backup program. PC Tools also contains a telecommunications program and a remote computing feature. Reviewer Christy Brothers reports that some of the utilities turned out to be incompatible with other software on her system. However, she found most of the package valuable and applauds the new look of this popular program.

For more information online, visit the Central Point DOS Forum (GO CPSDOS). To read the review, *GO OLT-3745*.

### Easy Database Management

FileMaker Pro 2.0 (Claris Corp.), a simple but sophisticated database manager for Microsoft Windows and Apple Macintosh computers, features variable field lengths, repeating fields, a scripting language and an intuitive report generator. It also indexes every word in every record for lightning-fast information retrieval. Reviewer James McAlister reports that the program is easy to use, even for those with no database experience. He says the program lacks relational capabilities and a phone dialer, but

otherwise says it is a powerful program.

For more information, visit the Macintosh A Vendor Forum (GO CLARIS). To read the review, *GO OLT-3755*.

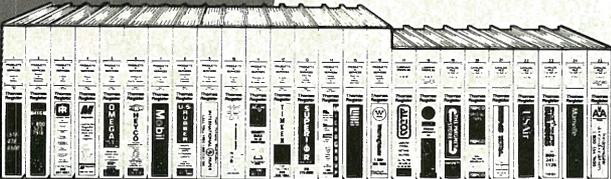
### Painless Payrolls

DacEasy Payroll 4.3 (DacEasy Inc.) prepares payroll checks and government forms for small and medium-size businesses. The program can be used alone or integrated with DacEasy's other accounting packages. The program can be used to pay hourly wages, salaries and contractors, can track employees on different schedules, and allows for such contingencies as 401K plans, "cafeteria" benefit plans and insurance. Reviewer Harry Green says the program will not teach you the intricacies of payroll preparation and recordkeeping, but that it is an excellent tool for almost any payroll department. He especially applauds the program for letting users make adjustments for new government tax tables instead of forcing them to buy an endless stream of updated versions.

For more information, visit the PC Vendor B Forum (GO PCVENB). To read the review, *GO OLT-3765*.

**CompuServe Users:**

For simple, menu access to the  
**THOMAS REGISTER  
 OF AMERICAN  
 MANUFACTURERS**



Just type  
**G·O·T·H·O·M·A·S**  
 at any "!" prompt.

Need more information?  
**THOMAS ONLINE  
 ONE PENN PLAZA  
 NEW YORK, NY 10119  
 212-290-7291**

GO OLI for more information.

**10.5 MILLION BUSINESSES  
 AT YOUR FINGERTIPS...**

Introducing **Biz\*File**... an easy way to find information on over 10.5 million U.S. & Canadian business listings, compiled from over 5,000 Yellow Page directories. With **Biz\*File**, you can:

- **Find a company by name**, anywhere in the U.S. or Canada. For example—you need the address & phone number for "Byte-Quik Modems", but don't know where they're located.
- **Locate types of businesses**, such as a few "Gift Shops" in Peoria, or a "Compaq Dealer" in Santa Fe.
- **Profile a company** and find out what they do, based on their Yellow Page listings.

**Biz\*File** makes locating any business in the U.S. or Canada a snap! Try the service today—on *Compuserve*.

**Go Biz\*File!**

Biz\*File is a Service of American Business Information, Inc.  
 5711 So. 86th Circle • P.O. Box 27347 • Omaha, NE 68127



### Sales Tracking and Control

DacEasy Point of Sale 4.3 (DacEasy Inc.) links a company's cash registers to their IBM computers. The computer can be used as a cash register to print receipts, record transactions and track inventory. Sales can be posted to the computer program from a regular cash register. The program can be used alone or its data can be linked to other DacEasy accounting programs. Reviewer Harry Green says this program will be of value to many small commercial businesses.

For more information, visit the PC Vendor B Forum (GO PCVENB). To read the review, GO OLT-3775.

### Personal Finances

Money Counts 7.0 (Parsons Technology) is a finance manager for IBM computers. The program, which can be used by both individuals and small businesses, uses a checkbook metaphor and intuitive menus to guide non-accountants through the process of logging transactions and maintaining financial records. Included are a name and address database, a routine for mailing labels, a pop-up calculator and password protection. The program can print checks in several different styles and make payments through online checking services. Reviewer William J. Lynott says the program is easy to use and has some features that are usually available in more expensive programs.

For more information online, GO PA. To read the review, GO OLT-3785.

### More in the Works

Microsoft Works 3.0 (Microsoft Corp.), an integrated software package for Macintosh computers, includes a spreadsheet, database manager, word processor, communications program, and drawing and charting capabilities. It also can share files with several other applications. Reviewer Anthony Watkins especially applauds the program's documentation and drawing programs. He says Works is an improvement over earlier versions but not noticeably better than its competition.

For more information, visit the Microsoft Applications Forum (GO MSAPP). To read the review, GO OLT-3795.

### Simple Data Management

My MailList and My Database (My Software Co.) are simple and inexpensive data managers for the Apple Macintosh computer (IBM versions are also available). The mail list program is supplied with pre-defined fields for names and addresses, but allows users to modify those definitions. The database program features additional field types including calculated fields. Reviewer Franklyn Jones says both programs are easy to use and adequate for both personal and small-business recordkeeping. He notes

that My Database includes all of the features of the mail list program and many additional features. Therefore, he rates it as a much better value. GO OLT-3805

The following software reviews are also available for reading this month in Online Today: TrueType for DOS (MicroLogic Software), GO OLT-3815; Correct Quotes, Cor-

rect Writing and Correct Grammar (Wordstar International Inc.), GO OLT-3825; Super Seven Utilities 1.0 (Atticus Software Corp.), GO OLT-3835; CAD Vantage 1.0 (Gamma Software), GO OLT-3845; and Trailblazer (Twisted Pine Software), GO OLT-5890.

# MOVING THIS YEAR?

HomeFinder by AMS is the Solution to your New Year's Resolution!



HomeFinder by AMS makes relocation easy by giving you the information you need to make intelligent decisions. Here's what one of our customers had to say about us: "I cannot say enough good things about this service. It has made my wife and I less anxious and more confident about our relocation."



- Coast to coast, we give you the tools to:
- Evaluate communities with information packages and relocation counseling.
  - Evaluate public & private school systems with SchoolMatch.
  - Initiate a job search with CAPCO.
  - Compare living expenses with a Right Choice, Inc. cost of living analysis.



And we don't stop there! After helping you find a home, HomeFinder by AMS eases the strain on your wallet with discounts on inspection services through AmeriSpec, mortgage services through Countrywide, and moving services through North American Van Lines.

For more details, [GO HomeFinder](#) now!

 HomeFinder  
by AMS

Right Choice<sup>®</sup>



School Match<sup>®</sup>



CAPCO<sup>®</sup>  
The Capability Corporation



SAN FRANCISCO NEW YORK CITY WASHINGTON, DC HARTFORD TULSA TUCSON PROVIDENCE BOSTON MONTREAL CHICAGO TAMPA WILMINGTON ROCHESTER CHARLOTTE QUEBEC WICHITA BILLINGS LITTLE ROCK HONOLULU MILWAUKEE BALTIMORE HOUSTON SACRAMENTO ST. PAUL LAS VEGAS LOS ANGELES

ALWAYS  
CONNECT  
FREE

**GO BN**

**Save Up To 80% On  
Books, Videos And Audio**

Here's what Barnes & Noble,  
America's Largest Book Sale  
catalog offers you:

- **Books:** hard-to-find, exclusive prints and top quality publisher's overstocks.
- **Videos:** get bargains in classic films, documentaries, children's shows, comedy, drama, performing arts, favorite television shows and a lot more—all at big savings!
- **Audio:** CDs and cassettes of the best of classical music, big band favorites, show tunes, soundtracks—quality recordings at bargain prices.
- On-line questions answered within 48 hours.
- We'll ship worldwide.
- You can receive a free catalog.
- Plus Interesting & Practical Gifts

*Barnes & Noble*  
Booksellers Since 1873

**GO BN**

**GO RX**

**FULL SERVICE DISCOUNT  
ONLINE PHARMACY**

**ALWAYS FREE CONNECT**

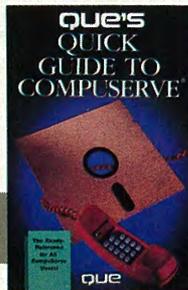
- Ask the Pharmacist...
  - Free price quotes
  - Drug information
  - Hard to find products
- Thousands of products available including...
  - Family planning
  - Vitamins
  - Contact lens care
- Speedy Service
- Time saving & convenient resource
- Free delivery to all of USA for purchases over \$50
- We ship overseas

**COURT PHARMACY  
ONLINE**

**1-800-367-7988  
"VOICE LINE"  
GO RX**

## Book Reviews

Following are summaries of book reviews available for reading this month in *Online Today*. To read the complete reviews, use the GO commands listed at the end of each summary.



### **Que's Quick Guide to CompuServe**

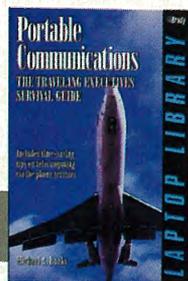
By Mark K. Bilbo  
Que Corp., 1992  
320 pages, \$14.95 (softcover)

This succinct text offers an entry-level survey of CompuServe's many products, while also providing a few tips for old online hands. Reviewer Paul A. Gilster criticizes the spotty book for trying to reach two divergent audiences. *GO OLT-5900*

### **Dvorak's Guide to PC Connectivity**

By John C. Dvorak, Nick Anis  
and Werner Feibel  
Bantam Books, 1992  
968 pages, \$49.95 (softcover, with three 5.25-inch diskettes)

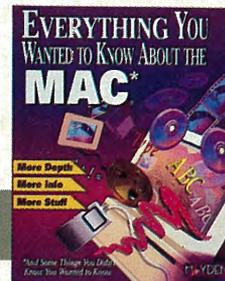
Written so anyone with a smattering of PC knowledge can grasp it, this book offers a thorough explanation of connectivity. With the full-fledged LAN packaged on disk inside the back cover, reviewer Harry Green deems it a top-notch value. *GO OLT-5910*



### **Portable Communications: The Traveling Executive's Survival Guide**

By Michael A. Banks  
Brady Publishing, 1992  
287 pages, \$18.95 (softcover)

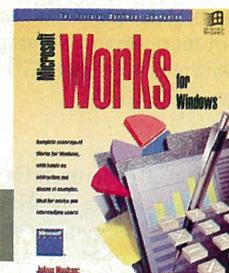
If you think telecommunicating on the road is far-fetched, this is the book for you. Reviewer William J. Lynott says it is crammed with practical information that will appeal to the no-nonsense traveler who wants to learn PC telecommunications quickly. *GO OLT-5920*



### **Everything You Wanted to Know About the Mac (And Some Things You Didn't Know You Wanted to Know)**

By Hayden Development Group  
Compiled and edited by Larry Hansen  
Hayden, 1992  
946 pages, \$29.95 (softcover)

This useful compendium of Macintosh knowledge contains much indispensable material and is the perfect text to consult when those inevitable emergencies arise. Reviewer John Edwards says it would make a fine keystone volume for any Mac user's library. *GO OLT-5930*



### **Microsoft Works for Windows**

By JoAnne Woodcock  
Microsoft Press, 1992  
418 pages, \$22.95 (softcover)

Billed as the official companion to Microsoft Works for Windows, this book is a step-by-step tutorial on the software's major functions. Not only will you learn how to use the tools, but also you'll learn a sense of their value, says reviewer Robert Sanchez. *GO OLT-5940*

### **Que's Big Mac Book (Third Edition)**

By Neil J. Salkind  
Que Corp., 1992  
942 pages, \$29.95 (softcover)

This single, comprehensive book about the Macintosh offers detailed explanations on everything from how hard disks work to an anatomy lesson of a diskette. Reviewer Anthony Watkins predicts it will become the single reference source for Mac computing. *GO OLT-5950*

# THE ELECTRONIC M·A·L·L®

FEBRUARY 1993



IT'S SALE, SALE, SALE  
 TIME AT THE MALL THIS  
 MONTH. GO MALL AND  
 DISCOVER ALL THE WAYS  
 YOU CAN SAVE!

FREE SHIPPING 24 HOURS A DAY, 365 DAYS A YEAR

Order Valentine's Day Gifts Online, See Pages 2 and 3

Move Up to CompuServe Information Manager for Windows, See Page 6

Win Prizes in The Mall's Electronic Carnival, See Page 7

THE  
**ELECTRONIC  
M·A·L·L®**

LOOK FOR THESE SIGNS OF  
SPECIAL INTEREST.

**BEST  
BUY!**

A terrific value on selected merchandise

**NEW  
MERCHANT**

Announcing the Grand Opening of this  
new Mall store online

**INTERNATIONAL  
DELIVERY  
AVAILABLE**

This merchant ships virtually anywhere  
in the world

VALENTINE'S DAY .....	2-3
MUSIC .....	2, 3, 4, 5
BEST BUYS .....	4, 5, 8, 12
NEW MERCHANTS .....	4, 8, 9
SAVE! SAVE! SAVE! .....	6
COMPUTERS .....	8-12



**Save 10% on Florida  
Temple Oranges.**

Thin-skinned and super-sweet Temple Oranges have a deep, rich flavor and glorious color. Picked by hand, carefully packed in special trays and express-shipped. Best of all, during February, they're on sale at 10% off! Delivery is included.

**FLORIDA FRUIT SHIPPERS. GO FFS**  
**1 BUSHEL TEMPLE ORANGES OR**  
**1 BUSHEL MIXED ORANGES AND GRAPEFRUIT**  
REGULAR LIST PRICE \$39.95  
**SALE PRICE \$35.95**



**Lighten your workload  
with casual briefbags.**

Combining sturdy cotton canvas and top-grain nubuck, these handsome, yet rugged briefbags will last for years. Choose the versatile briefbag with comfortable, wide shoulder strap or the handy rucksack with two outside pockets.

**SHARON LUGGAGE AND GIFTS. GO SL**  
**BRIEFBAG \$59.95**  
**RUCKSACK \$49.95**



**Save \$8 on Cat-  
and-Fishbowl Trays.**

Decorated with entertaining black-and-white illustrations by Theophile-Alexandre Steinlen (French, 1859-1923). Designs are reproduced by lithographic transfer on durable, dishwasher-safe plastic. Set of four. Boxed.

**THE METROPOLITAN MUSEUM OF ART. GO MMA**  
**CANAPÉ TRAYS**  
ORIGINAL PRICE \$14.95  
**SALE PRICE \$6.95**



**Double the value  
with Quattro Pro.**

*Quattro Pro* is a Windows and DOS package all in one. You'll find hot new features including Spreadsheet Notebooks. Built with Borland's object-oriented technology, *Quattro Pro* is designed to make all levels of spreadsheet users more productive with less effort.

**MAC/PC ZONE. GO MZ**  
**QUATTRO PRO \$328**

**Find a convenient home for all of  
your CDs in the Revolving CD Tower.**

Now you can fit more discs in less space—store up to 240 CDs in the compact, sturdy Revolving CD Tower. Order now and get free shipping—a saving of \$9.95! Choose classic oak or handsome matte black. 12½" x 12½" x 28½". (Sorry, no international shipments at this time.)

**BOSE EXPRESS MUSIC. GO BEM**  
**REVOLVING TOWER (OAK) \$99.95**  
**REVOLVING TOWER (BLACK) \$84.95**

**Remembering your Valentine is easy  
at The Electronic Mall.**

You'll find dozens of great gifts in all price ranges in the online Valentine's Day Gift Guide. You can shop by category for convenience. Choose from *Hearts & Flowers*, *Seductive Suggestions*, *Cupid's Choice*, *Offbeat Offerings* or *The Way to His Heart*. Plus, you'll find Valentine trivia and can even send CUPID-grams to family and friends. To send Cupid speeding on his way, GO MALL.



**Win prizes in Valentine's Day contests.**

A diamond heart ring. A dozen red roses. A fine fragrance gift basket. You could win any of these exciting prizes when you visit The Valentine's Day Gift Guide. Fine Jewelry Outlet (GO FJO), Walter Knoll Florist (GO WK) and Cosmetics Express (GO CM) are all sponsoring special Valentine's Day contests. GO MALL and select The Valentine's Day Gift Guide for complete details.

All prices mentioned in *The Electronic Mall Shoppers Guide* are the most accurate prices available at press time. Occasionally a printed price will be out of date.



**Send her hearts and flowers—  
of chocolate, of course!**

What is Valentine's Day without hearts filled with chocolate? Choose from two gorgeous selections of delicious milk and dark chocolates, hand-decorated with flowers and nestled into traditional Italian red Ballotin boxes. A red satin ribbon and rose complete each presentation.

**ADVENTURES IN FOOD. GO AIF**  
**FLOWERED HEART BOX (7-3/4 OZ.) \$28**  
**ROSE HEART BOX (22 OZ.) \$42**



**Remember your sweetie with  
Valentine treats from Gimmee Jimmy's.**

What a delicious way to show someone special how you feel! Gimmee Jimmy's Valentine's Day M&M® Cookies are covered with red and white M&Ms. These melt-in-your-mouth cookies contain all-natural ingredients, never any preservatives and they're guaranteed to arrive fresh! Order by February 5th to make sure your surprise arrives in time. Also include your own "message of love" with your order.



**GIMMEE JIMMY'S COOKIES. GO GJM**  
**LARGE TIN**  
**(ABOUT 36 COOKIES) \$24.95**  
**REGULAR TIN**  
**(ABOUT 24 COOKIES) \$19.95**

**Send your Valentine a custom tape  
filled with "your songs."**

What a unique and wonderful way to say I love you! You choose from hundreds of all-time favorite songs to make your own special tape. Select from rock, jazz, country, soul, golden oldies, classical—you name it. There's a special list of favorite love songs online to help you create your masterpiece. You can even dream up the title for your tape. The cost is only \$1.10 per track. And the quality is superb. Your satisfaction is completely guaranteed.

**PERSONICS SYSTEMS. GO PS**

**Win hearts with Terry Teddy.**

You'll win hearts from age one to ninety-two with this irresistibly cuddly Terry Teddy. Pure white with big black eyes, Terry Teddy measures 17" tall and comes bearing a single long silk red rose, or six roses, if you choose. Arrives gift-boxed and wrapped especially for Valentine's Day.

**BRETON HARBOR BASKETS & GIFTS. GO BH**  
**TERRY TEDDY WITH ONE ROSE \$40**  
**TERRY TEDDY WITH SIX ROSES \$50**





**Wear an original American favorite—authentic Coca-Cola® sweats.**

These all-star sweats combine comfort and fun! Signature sweats from Coca-Cola™ Catalog feature original color-blocked artwork. They're pre-washed and pre-shrunk cotton/polyester blend. Sweat pants have exterior drawstring, zippered legs for easy wear and embroidered applique.

**COCA-COLA™ CATALOG. 60 COKE SWEAT SHIRT (M, L, XL) \$49.95 SWEAT PANTS (S, M, L, XL) \$49.95**



**For only \$9.95, get 40 of the World's Greatest Classics!**

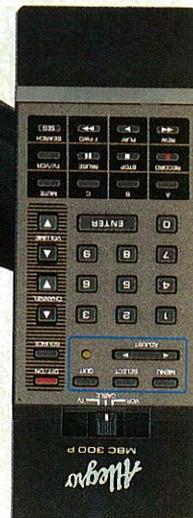
Here, on two superb-quality CDs are 40 of the world's most beloved classics! From Mozart to Mussorgski, Brahms to Borodin, Beethoven to Bach, Debussy to Dvorak, Strauss to Schubert—the line-up includes the most renowned composers across the centuries! This two-CD set contains hours of enjoyment at superb savings!

**BARNES & NOBLE. GO BN 40 GREATEST CLASSICS CD SET BARNES & NOBLE PRICE \$9.95**



**Save 70% on this Zenith Universal TV Remote.**

Grab fantastic savings on the Allegro multi-brand TV remote by Zenith. This versatile remote allows across-the-room operation of TVs, VCRs and cable converters with a single transmitter. TV volume and mute control remain independent and can be adjusted no matter which setting you're on. A great buy! Model #MBC300P. Ordering is for members only. Not a member? Join online today.



**SHOPPERS ADVANTAGE CLUB. 60 SAC LIST PRICE \$49 CLUB MEMBER'S PRICE \$15**

**Save up to 50% off retail at the Fine Jewelry Outlet.**

The Fine Jewelry Outlet is your one-stop source for top quality jewelry at discount prices. By buying direct and skipping the middle man, you save up to 50% off retail prices. Step inside FJO's Online Vault and you'll find the finest in diamonds, gold, sapphires, rubies, emeralds and more—all at your fingertips. Select from a dazzling array of necklaces, pendants, earrings and rings. All prices include complimentary Federal Express delivery in the continental U.S. Overseas orders are welcome, although delivery may be additional. For Valentine's Day gift giving, FJO recommends the ½ kt. diamond pendant (\$399), a pair of ¼ kt. diamond stud earrings (\$199) or the contemporary semi-precious dangle heart ring in 14 kt. gold (\$79). If you need assistance in making a selection, simply consult FJO's online jeweler for expert, no-obligation advice. On all purchases your satisfaction is, of course, 100% guaranteed. To make Valentine's Day or any day special, GO FJO.



FREE SHIPPING 24 HOURS A DAY, 365 DAYS A YEAR



**Choose the Thermoscan® instant thermometer for accuracy and safety!**

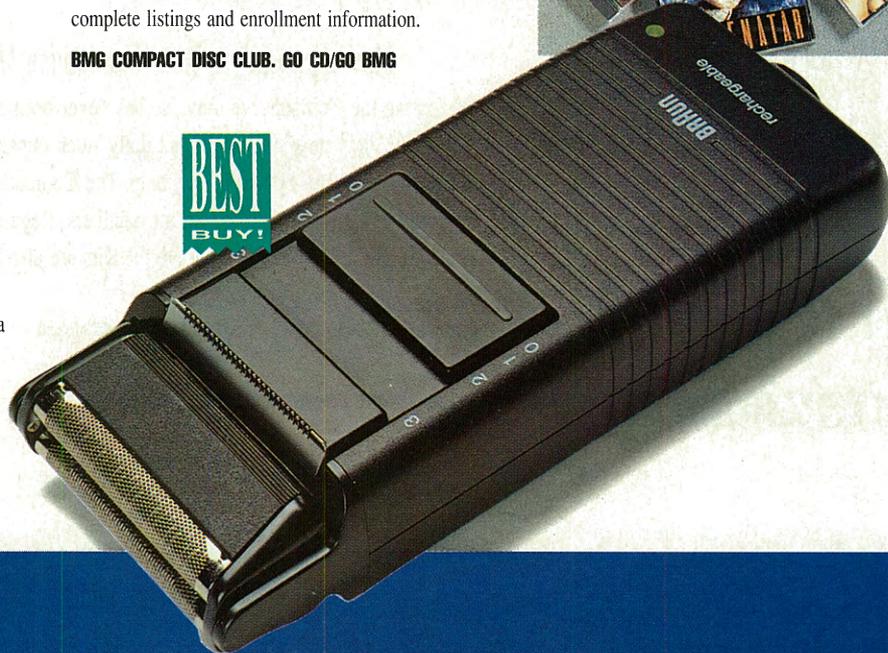
The Thermoscan instant thermometer is a home version of the electronic ear thermometers preferred by hospitals and clinics. Inserted safely and comfortably into the ear, its cone-shaped tip takes a thermal "picture" of the patient's internal temperature, which is then calculated instantly by the unit's microprocessor. Far more accurate to true "core" body temperature than oral or other methods. Wonderful for infants or fidgety children—you can even use it while they're sleeping. Eliminates cross-contamination danger. Includes eight reusable tip covers. Runs on one 9-volt battery (included).

**HAMMACHER SCHLEMMER. GO HS THERMOSCAN THERMOMETER \$119.95**

**Get a close shave with Braun at \$45.95 off list price!**

Braun, famous for its advanced technologies and innovative engineering, has developed the world's first pivoting head electric shaver. The patented pivoting twin-foil head swivels back and forth, automatically adjusting to every facial contour for a close, comfortable shave. Rechargeable.

**SUNGLASSES, SHAVERS & MORE! GO SN BRAUN SHAVER LIST PRICE \$163.95 SALE PRICE \$118**



**Order JCPenney specialty catalogs online today.**

Fitting your fashion needs is a JCPenney specialty. For great-looking spring fashions even in hard-to-find sizes, JCPenney has catalogs for you and your entire family. Women can choose from *Liz Baker® Sizes 16W & Up, Especially for Petites* for women who are 4'11" to 5'3" and *Especially for Talls* for women 5'8" and over. For men, JCPenney has the *Big & Extra-Tall Men's Catalog*. The *Big Kids Catalog* features styles for boys and girls ages 7 to 12 in larger sizes. If you need work clothes, see the *Uniforms Catalog* and *Men's Workwear*. JCPenney even has catalogs for those special times in your life! Order your copy of the *Bridal Collection*, *Baby & You* and the *Baby Book*. You can order specialty catalogs for only \$1 each in the Catalog Ordering section of the JCPenney online store.

**JCPENNEY. GO JCP**

**Get eight CDs for the price of one from BMG Compact Disc Club.**

Here's an extraordinary opportunity to build your CD collection at incredible savings! Join BMG Compact Disc Club today, take four **free** CDs now, and buy just one more selection at regular Club price (usually \$14.98 to \$15.80) in the next year. Then choose three more CDs **free!** That's eight for the price of one—and nothing more to buy ever! Select from hundreds of releases. Go online for complete listings and enrollment information.

**BMG COMPACT DISC CLUB. GO CD/GO BMG**



**THE COMPUSERVE  
COMMITMENT TO  
ELECTRONIC SHOPPING**



*As a CompuServe shopper, you are on the leading edge, shopping today the way the rest of the world will shop in years to come—electronically! We are continually striving to expand our roster of stores to provide you with the best products, services and information available. We welcome your comments and suggestions.*



**SHOPPERS  
GUIDE**

**Find the Hottest Savings—at The Electronic Mall's New Discount Center!**

The Mall's brand new Discount Center has tremendous savings in store for you! Software, books, CDs, electronics, gadgets and gifts. All are on sale at prices you won't believe. You can search by category or by price. New merchandise is added at least twice a week. Check out "Hot Off the Truck" for merchandise on sale seven days or less. Or see "Overstocks" for savings of 50% or more. Best of all, you can order right on the spot. Start saving year 'round! GO MALL

**Shop Where the Savings Never Stop—Shoppers Advantage Club!**

You'll love shopping with Shoppers Advantage Club. Over 3.1 million shoppers already do, because they know Shoppers Advantage Club bargain prices leave them more cash in their pockets. Here's why: Over 250,000 brand name products are featured with savings up to 50% off list price! You get an automatic two-year **free** warranty extension on any product you buy from Shoppers Advantage Club. You get a lowest price guarantee plus guaranteed satisfaction. Try it out for three months—for **only \$1!** You can't lose. Enroll today and start saving!

**SHOPPERS ADVANTAGE CLUB. GO SAC**

**Save 10%  
with WaldenCOMPUTERbooks  
Preferred Reader's Program.**

Join Waldenbooks' Preferred Readers Program and save 10% on every purchase—online or at any Waldenbooks store coast to coast. WaldenCOMPUTERbooks' online store puts thousands of the best computer books, accessories and software right at your fingertips. Preferred Readers take 10% off the list price of every purchase. Annual membership fee is only \$10.

**WALDENCOMPUTERBOOKS. GO WB**

**You'll find hot electronics savings  
at Z Best!**

For great savings on all brand names of electronics and appliances, Z Best is your best bet. Z Best carries every major brand in CD players, stereo equipment, TVs, camcorders, microwaves—you name it! They feature over 400 products online. Z Best specializes in customer service along with low prices. Satisfaction is 100% guaranteed. And there's **free** regular delivery within the continental U.S. Browse online for terrific savings. GO ZB

**Move up to CompuServe Information Manager for Windows and Save.**

Navigating the CompuServe universe has never been easier. With a click of your mouse, you can zip to your favorite spots online, get daily stock quotes, retrieve your electronic mail and much more! During February and March only, The CompuServe Store has cut the price of *CompuServe Information Manager* kits for current members. Regularly \$39.95, the kits are now only \$15. Plus, you get a \$15 connect-time credit! Kits are also available in DOS and Mac versions.

**THE COMPUSERVE STORE. GO ORDER  
COMPUSERVE INFORMATION MANAGER KITS FOR MEMBERS  
LIST PRICE \$39.95  
SALE PRICE \$15  
INCLUDES A \$15 COMPUSERVE CONNECT-TIME CREDIT**



## THE ELECTRONIC MALL'S

# CARNIVAL

COME ONE  
COME ALL!

It's a carnival and you're invited! Step right up and try your hand at any of ten online games. No purchase is necessary to enter any of the contests. So what are you

waiting for? There are prizes galore and lots of fun in store! Gather your family and friends and GO MALL. Carnival runs February 1 through March 31, 1993.

### Rent Mother Nature. GO RM "It's Not Nice to Fool Mother Nature"

Answer all five nature quiz questions correctly, and you'll be entered in a random drawing.



**1st PRIZE:** A Breakfast Feast & Bucket Lease, a \$64.95 value

**2nd PRIZE:** A Five-Tree Coffee Lease, a \$39.95 value

**3rd PRIZE:** A Yankee Blueberry Breakfast, a \$19.95 value

**BONUS!** Everyone who enters, right or wrong, will receive a copy of Rent Mother Nature's all new catalog and a \$5 coupon good on any purchase of \$30 or more at Rent Mother Nature.

### Sharon Luggage and Gifts. GO SL "Seek and Ye Shall Find"

Find the four featured items in the store and identify the code words on the flags, and you'll be entered in a random drawing for those items!



**1st PRIZE:** A Rollaboard Suitcase, a \$99.99 value

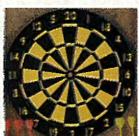
**2nd PRIZE:** A Mini-Security Shredder, a \$29.95 value

**3rd PRIZE:** A Night Writer Pen, a \$22.50 value

**4th PRIZE:** Executive Punching Bag, \$19.95 value

### Coca Cola™ Catalog. GO COKE "Take a Stroll Down Memory Lane"

Answer all five true/false questions correctly in Coca-Cola™ Catalog's Nostalgia Quiz and you'll be entered in a random drawing.



**1st PRIZE:** A Coca-Cola® Dart Board Set, a \$89.95 value

**2nd PRIZE:** A Vintage Coca-Cola® Sign, a \$24.95 value

**3rd PRIZE:** A Coca-Cola® Bottle Opener, a \$5 value

### The Metropolitan Museum of Art. GO MMA "Find the Lost Treasure"

Find the Goddess of Uma in the store, tell her ancient secret, and you'll be entered to win:



**1st PRIZE:** Egyptian Ram's Head Bookends, a \$68 value

**2nd PRIZE:** *The Metropolitan Museum of Art Book* by Howard Hibbard, a \$29.95 value

**3rd PRIZE:** Ten winners! Surprise Museum Notecards, values from \$7 to \$10

### MacWarehouse. GO MW "Solve the Word Scramble"

Unscramble the answer to this word puzzle and you'll be entered in a drawing for ten great prizes.



**1st PRIZE:** Two winners! A *Power Up Address Book Plus*, a \$52 value

**2nd PRIZE:** Three winners! *Jack Nicklaus' Greatest 18 Holes*, a \$35 value

**3rd PRIZE:** Five winners! *Computer Comic*, a \$19 value

### MicroWarehouse. GO MCW "Mix-N-Match Puzzle"

Match computer products to the correct manufacturers, and you'll be entered in a random drawing.



**1st PRIZE:** Two winners! A CRT Valet Clamp Mount from MicroComputer Accessories, a \$85 value

**2nd PRIZE:** Three winners! *Headline Harry & The Great Paper Race* from Davidson Associates, a \$39 value

**3rd PRIZE:** Five winners! *PGA Tour Golf* from Electronic Arts, a \$32 value

### 800-Flower & Gift Shoppe. GO FGS "Make It All Add Up"

Find three hidden numbers in the store that total 800 and you'll be entered in a drawing.



**1st PRIZE:** A 1-800 Floral Arrangement, a \$49.99 value

**2nd PRIZE:** A 1-800 Fruit Basket, a \$39.99 value

**3rd PRIZE:** A 1-800 Balloon Arrangement, a \$34.99 value

### PRC Database Publishing. GO PRC "Find the Mystery Graphic"

Find the Mystery Graphic posted weekly somewhere on CompuServe. Winners will receive a \$10 connect-time credit. All entrants will be eligible for a Grand Prize of a one-year subscription to *Best of 'Go Graphics.'*



### Adventures in Food. GO AIF "Zodiac Selection Celebration"

Tell Adventures In Food your Zodiac sign and you will be entered in their monthly Zodiac Selection Celebration. Winners receive a Zodiac Selection of gourmet foods gathered especially for their sign, a \$36 value.



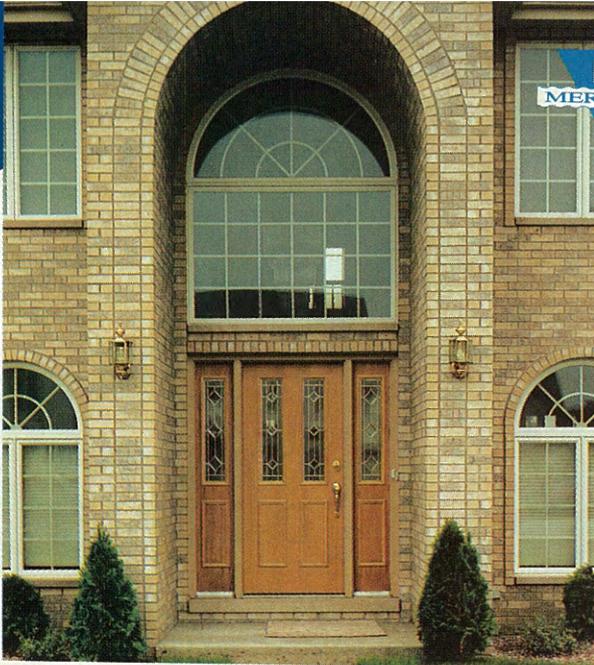
### Holabird Sports Discounters. GO HB "Tennis Masters Tournament"

Winners in this multiple choice tennis quiz will be entered in a drawing for online gift certificates.

**1st PRIZE:** \$100 Gift Certificate  
**2nd PRIZE:** Two winners! \$50 Gift Certificate  
**3rd PRIZE:** Four winners! \$25 Gift Certificate



NEW  
MERCHANT



### Moving soon? RELO® can help you all the way!

The largest network of independent relocation experts in the U.S., RELO has been helping corporations relocate people for over 30 years. Now, through CompuServe, you can get the same professional relocation services—with no obligation. If you're moving to a new community, RELO will send you a complete relocation package on your new location. It will include profiles of the area's housing market, taxes, schools, shopping—plus photos and descriptions of homes that fit your family's needs. And, RELO will give you discounts on car rentals, moving services and other costs of relocating. They can even help you market your current home. A customized relocation package is yours for only \$9 to cover shipping and handling. If you're not completely satisfied with it, RELO will refund your money when you visit your new hometown. For a free brochure and complete details, go online and "GO RELO."

**RELO NETWORK. GO RELO**

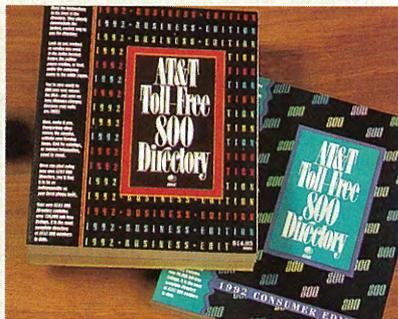
**BEST  
BUY!**



### Save 25% on DogWatch® Hidden Fence.

Protect your dog from traffic and keep him inside an area from 1/2 to 25 acres with the DogWatch Hidden Fence System. Easy to install, it transmits a harmless radio signal through a boundary wire around your property. Your dog wears a receiver collar tuned to signal from the wire. If you place your order by Feb. 28, 1993, you'll get 25% off the regular price, plus get free Club membership!

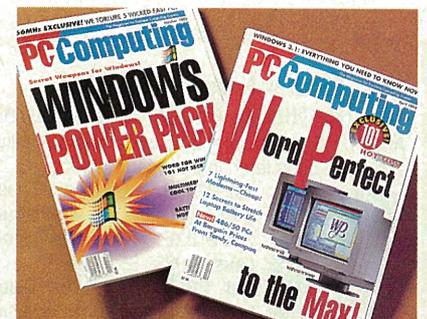
**PETWORKS. GO PT**  
**HIDDEN FENCE (1 ACRE KIT)**  
REGULAR PRICE \$699.99  
CLUB/SALE PRICE \$524.99



### Go direct to the source with the AT&T Toll-Free 800 Directory.

Save time and money, and look it up online! The AT&T Toll-Free 800 Directory puts hundreds of thousands of toll-free numbers at your fingertips. Search by company name or by product category. There are 33 categories to select from, including Computers, Telecommunications, Business Equipment & Supplies, and Consumer Public Services. Whether booking a hotel reservation, ordering a gift or contacting a government service, The AT&T Toll-Free 800 Directory has your number.

**AT&T TOLL-FREE 800 DIRECTORY. GO ATT**



### Get a free issue of PC/Computing — your hands-on computing companion.

Is there life after lap-tops? Will the "miracle" spreadsheet save your life next quarter? Find out the answers and much more with *PC/Computing* magazine. Every issue contains real help for real problems, handy pull-out "fast-facts" for quick reference, home office tips and great reviews. It's indispensable for anyone who uses a PC for fun or profit! Order your free issue online today.

**PC/COMPUTING. GO CMP**



### Experience the Ford Escort. It just keeps getting better.

How do you improve a car as well engineered and successful as Escort? With refinements. Styling refinements. Trim refinements. And a greater range of choice. Now there's an even easier way to buy Escort. Choose between an LX, three-door, four-door, five-door or wagon—each has the same low price. Find out about all of them in the Ford Division Electronic Showroom.

**FORD DIVISION. GO FORD**

**Save \$5 on Mead Hatcher computer products.**

Mead Hatcher offers a complete line of ergonomically correct computer furnishings and accessories. From workstation foot rests and keyboard wrist rests to anti-glare screens and keyboard drawers, you can customize your work station with products that ensure your personal comfort and productivity at the computer!

**PENNY\*WISE OFFICE PRODUCTS. GO PW**  
**KEYBOARD WRIST REST, ORDER #MEA-5017**  
 LIST PRICE \$19.95  
**SALE PRICE \$14.95**  
**FOOT REST, ORDER #SPR-01101**  
 LIST PRICE \$33.95  
**SALE PRICE \$28.95**

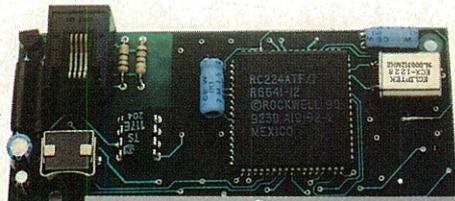


**Save on modems for the Macintosh.**

Direct Micro has more new modems than ever—and now there's great news for the Macintosh user. The "24/96 PowerTwin" internal fax/modem for Macintosh Powerbook transmits at 2400 bps data and 9600 bps send/4800 bps receive fax, Class 1, Group 3. "14.4 Pro PowerTwin" external fax/modem transmits at 14,400 bps for lightning-quick data/fax transmission. Both are by Image Communications. Two-year warranty on modem only.

Save 10% on a Disk-Pic or Fastrack Disk Holder with the purchase of any quantity of 3 1/2" diskettes. Order online.

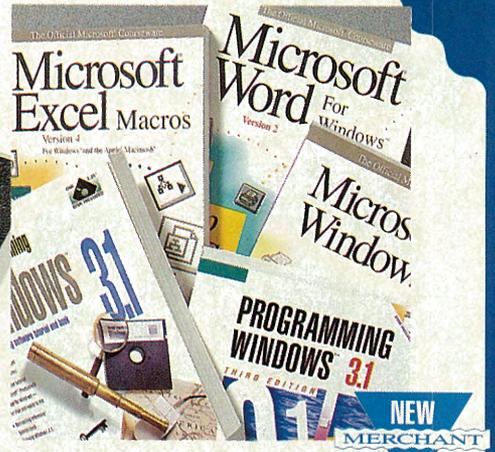
**DIRECT MICRO. GO DM**  
**14.4 PRO POWERTWIN \$359**  
**24/96 POWERTWIN \$159**



**The best deal on computer products is just keystrokes away—Ziff Buyers' Market!**

How many times have you bought a computer or accessory and then seen the same product elsewhere for less? It's frustrating, maddening and it happens to nearly everyone. Now, with Ziff Buyers' Market—never again! Instead of endless phone calls and comparison shopping, you can find the lowest price and best terms in just seconds. You'll find complete information on over 10,000 products from more than 130 vendors who specialize in dealing directly with end-users. Vendors include USA Flex, Gateway, Zeos, Compudyne, Midwest Micro, PCs Complete and IBM. Ziff Buyers' Market offers fast, convenient access to current product specs, features and pricing. All information is indexed so you can make sophisticated searches about the products you're planning to buy. Then, when you're ready, place your order directly by fax or phone. Ziff Buyers' Market makes it easy to find the right products at the right price.

**ZIFF BUYERS' MARKET. GO BUYMARKET**



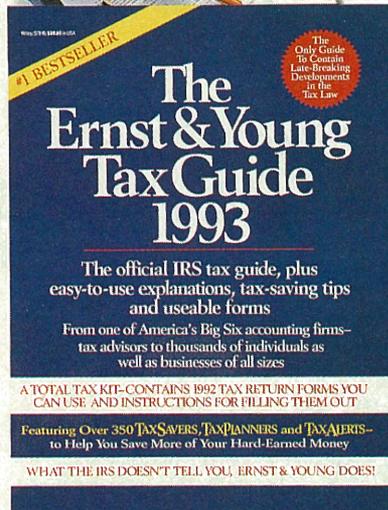
**Software learning just got easier.**

Get Microsoft® software information straight from the source! Microsoft Press® book-and-software packages make it easy to get up-and-running with Microsoft Windows™, Microsoft Word for Windows, Excel, PowerPoint® and Project software. Plus, Microsoft Press offers a complete line of streamlined tutorials for first-time computer users and technical references for experienced programmers. Get the jump on today's hot new software with computer books from Microsoft Press. Ask for a free catalog.

**MICROSOFT PRESS. GO MSP**



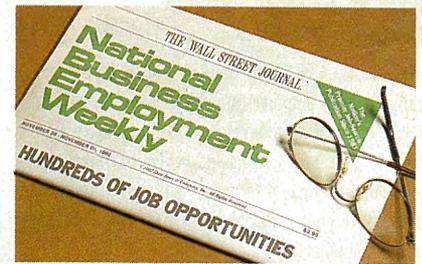
**NEW**  
**MERCHANT**



### Save \$30 on Wiley ProShop's total tax package for DOS or Windows.

The Wiley ProShop Bookstore has bundled the #1 best-selling tax guide, *The Ernst & Young Tax Guide 1993*, and the #1 tax software, *TurboTax*—and slashed \$30 off the retail price! Hailed by *The New York Times* as “the top choice,” *The Ernst & Young Tax Guide 1993* is packed with up-to-date information and money-saving tips. *TurboTax* software lets you do your taxes on your PC, quickly filling in and printing returns that meet IRS specifications. Your book/software package also includes *The Ernst & Young Tax-Saving Strategies Guide 1993*, a handy vest-pocket sized guide offering over 300 tax-trimming tips for 1993 and beyond. Also available online is *The Ernst & Young New York, New Jersey, Connecticut State Tax Guide 1993* with line-by-line filing instructions for all three states.

**WILEY PRO-SHOP. GO JW**  
**YOUR TOTAL TAX PACKAGE FOR DOS**  
**OR WINDOWS \$70.95**  
**YOUR TOTAL TAX PACKAGE WITH THE**  
**NY/NJ/CT GUIDE \$80.80**



### Make your job-hunting easier with the National Business Employment Weekly.

Every week, the *National Business Employment Weekly* gives you hundreds of the top jobs with the best employers across the country. You'll learn about executive, manager and technical career opportunities in virtually every field, at salaries from \$25,000 to \$250,000. Great articles, too, on writing better resumes, salary statistics, relocation and more. Subscribe online and get eight issues via first class mail for only \$35.

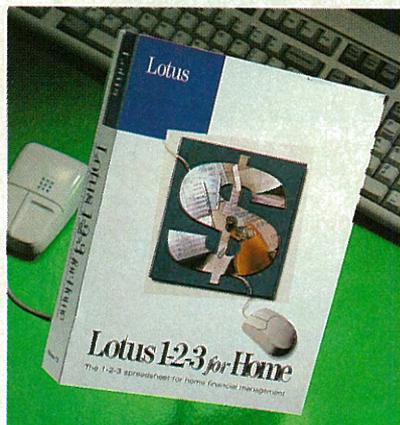
**DOW JONES & CO. GO DJ**  
**NATIONAL BUSINESS EMPLOYMENT WEEKLY**  
**EIGHT WEEKS \$35**



### Get protection from more than 1,200 computer viruses with ViruCide Plus.

*ViruCide Plus* detects and destroys more than 1,200 currently known computer viruses. It operates continuously to let you know if any virus attempts to infect your system at any time. “Point and Shoot” mouse interface makes it easy to select the files and directories you want to monitor for virus activity. “Fast Scan” feature lets you save time by searching for viruses in only the most likely areas of files. For IBM or compatibles. 512K RAM (640K recommended) and DOS 3.1 or higher. Mouse supported but not required.

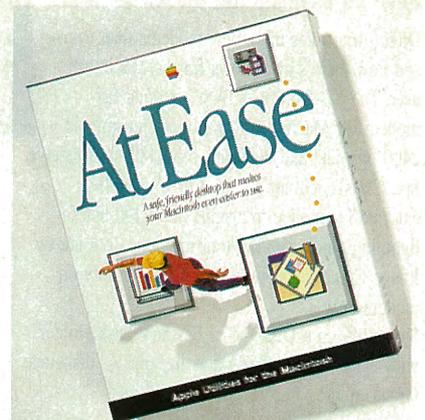
**PARSONS TECHNOLOGY. GO PA**  
**VIRUCIDE PLUS SOFTWARE \$29**



### Lotus 1-2-3 makes a great addition to any home!

Now you can budget, track investments and evaluate personal finances with the most famous spreadsheet software of all—*Lotus 1-2-3 for Home*. This great software package features over 50 SmartSheets—electronic personal budgets, investment plans and tax planning forms. Even create graphs and charts. Compatible with all other 1-2-3 versions. Requires DOS 2.1 or higher, hard disk and graphics adapter.

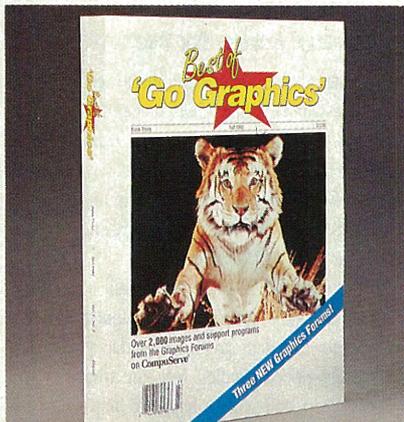
**MICROWAREHOUSE. GO MCW**  
**LOTUS 1-2-3 FOR HOME \$99**



### Relax when you've got At Ease on your Mac.

Now you can extend an open invitation to share your Macintosh with your kids at home or your colleagues at work, and you'll always find your desktop just the way you left it. With *At Ease* you can specify which applications and documents can be accessible to others. There is no “trash can,” so files can't mysteriously disappear. Password protection. The perfect way to co-exist peacefully with others in the computer world!

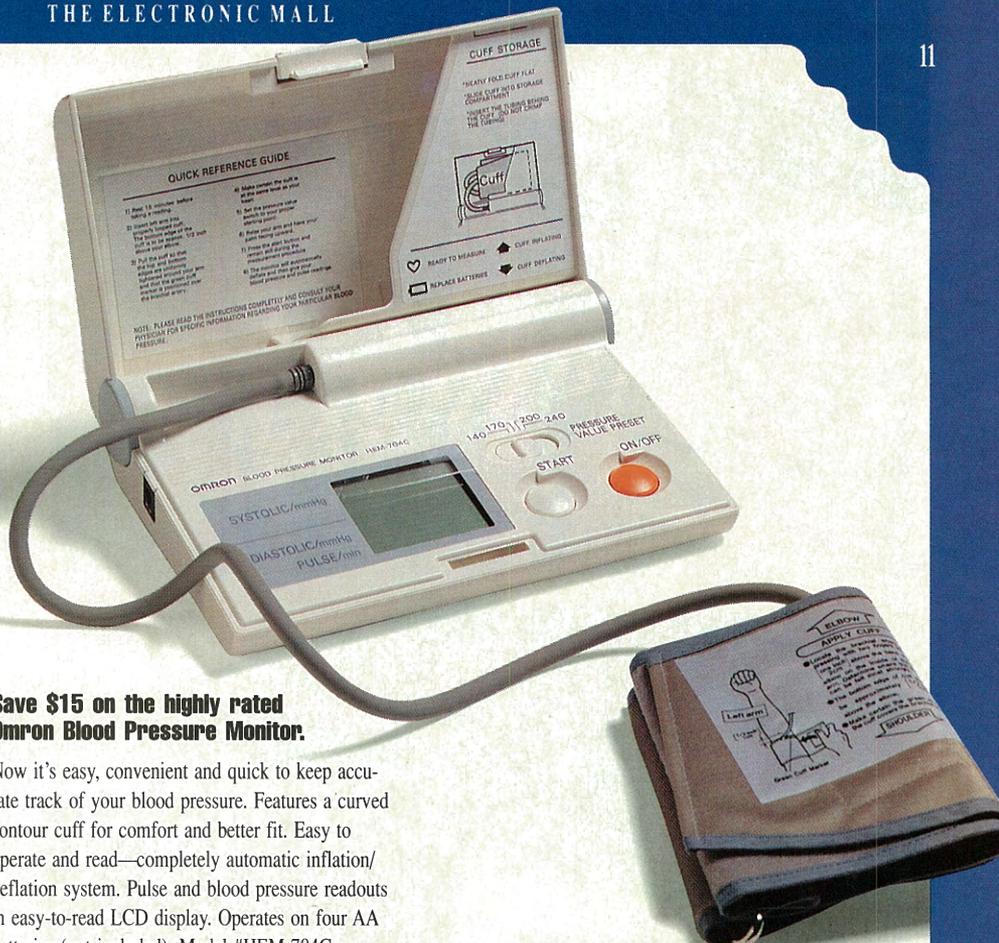
**MACWAREHOUSE. GO MW**  
**AT EASE FOR MAC \$55**



**Get a \$10 connect-time credit with a subscription to Best of 'GO GRAPHICS.'**

Talk about selection! The latest edition of *Best of 'Go Graphics'* features the hottest new images including three new graphics forums, fine art, NASA, plus an expanded section from the Smithsonian Institution in Washington, D.C.! Anyone who is interested in graphics will love this catalog. It's filled with pre-selected downloads to save you time and money. A single issue is only \$12.50. Or save 25% with a subscription of four issues—only \$40. *Plus*, receive a \$10 connect-time credit. A fantastic buy on a superb graphics resource!

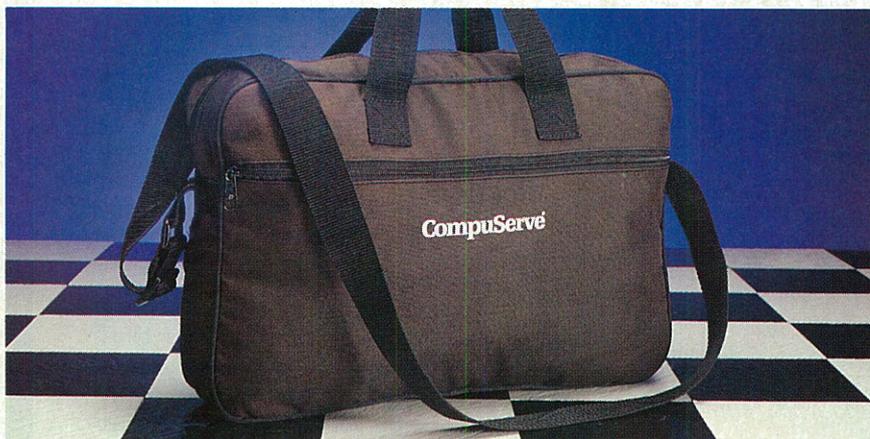
**PRC DATABASE PUBLISHING. GO PRC BEST OF 'GO GRAPHICS' (SINGLE ISSUE) \$12.50**



**Save \$15 on the highly rated Omron Blood Pressure Monitor.**

Now it's easy, convenient and quick to keep accurate track of your blood pressure. Features a curved contour cuff for comfort and better fit. Easy to operate and read—completely automatic inflation/deflation system. Pulse and blood pressure readouts in easy-to-read LCD display. Operates on four AA batteries (not included). Model #HEM-704C.

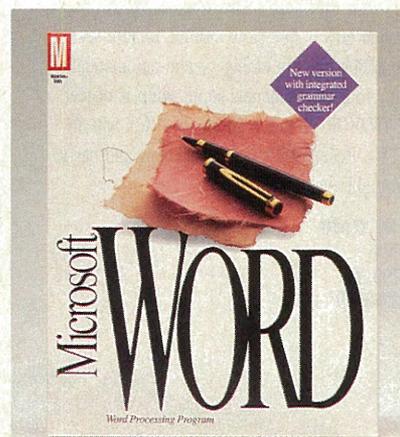
**COURT PHARMACY. GO RX OMRON BLOOD PRESSURE MONITOR LIST PRICE \$85 SALE PRICE \$69.95**



**Shop The CompuServe Store sale and receive a free CompuServe briefcase.**

During February and March, The CompuServe Store slashes prices on virtually everything! *CompuServe Information Manager Users Guides*, regularly \$13.95, are now only \$10, and available for DOS, Mac or Windows. Order online and you'll also receive a \$10 connect-time credit! *Que's Quick Guide to CompuServe*, regularly \$12.95, is on sale for only \$9.95. Be among the first 600 shoppers to make a purchase of \$10 or more, and you'll receive a **free** CompuServe briefcase. Made of rugged black canvas, this carry-all is an \$18 value!

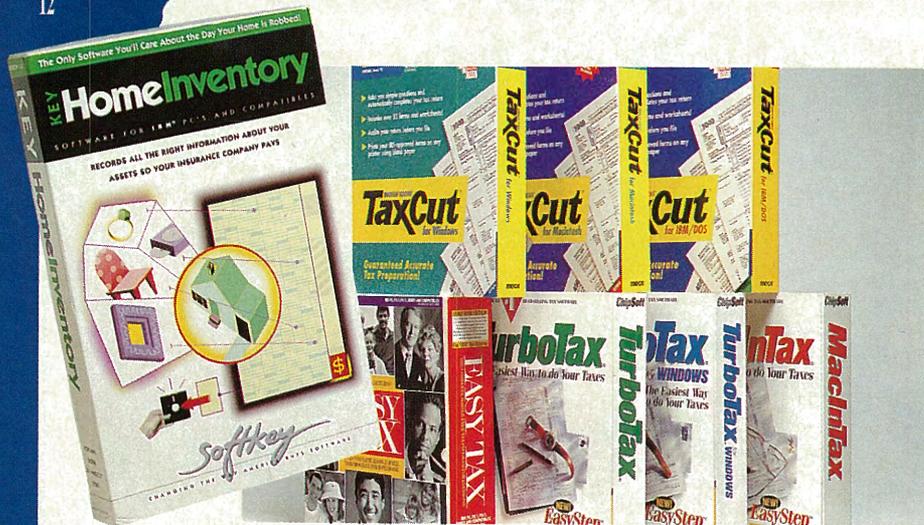
**THE COMPUSERVE STORE. GO ORDER**



**Get the last word for your Mac—Microsoft Word 5.1!**

Here's the latest in power word processing for Macintosh users! *Microsoft Word 5.1* like *Word for Windows*, provides a 3-D icon bar, the document ribbon generates tables, there's a PowerBook option and it prints addresses on envelopes automatically. As always, great savings from Mac Zone!

**MAC ZONE/PC ZONE. GO MZ MICROSOFT WORD 5.1 FOR MAC \$294**



### Get a jump on Uncle Sam with Computer Express' Annual Tax Center.

Right now Computer Express is offering the lowest prices ever on their complete line of tax preparation software. And they're giving away a free *Key Home Inventory* program (a \$39.95 value) with each *EasyTax* order (only \$45). Other titles available in Windows and DOS final versions, include *TaxCut* (MECA), *TurboTax* (Chipsoft), *Macintax* (Chipsoft)—all for only \$47.97 each! Individual state packages are available, too. Browse Computer Express' tax store for excellent savings, manufacturer rebates and low-priced bundles. Not sure what you need? Their expert staff will be happy to help with all your questions.

**COMPUTER EXPRESS. GO CE**

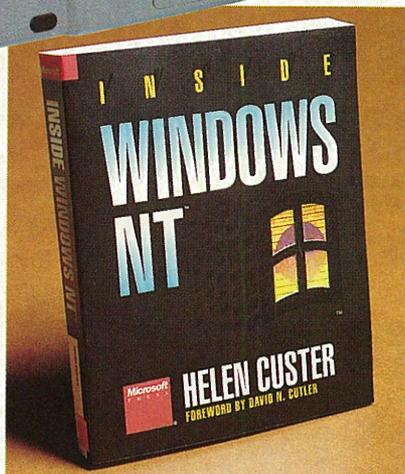


**BEST BUY!**

### Save \$50 on this Zenith four-head VCR!

Enjoy great savings at Sears' lowest price ever for a national brand four-head VCR! Four heads provide clear special effects like slow motion, picture search and stop action. Quartz tuning system automatically locks into your area channels so no setup is needed. Unified TV/VCR remote controls the VCR and all Zenith TVs. Receives up to 178 channels and has a one-year/eight-event timer.

**SEARS. GO SEARS**  
**ZENITH VCR**  
 WAS \$299.99  
 NOW \$249.99



### Look Inside Windows NT for the complete story.

*Inside Windows NT* by Helen Custer is an authoritative insider's view and analysis of the philosophy and architecture of the next-generation operating system. Microsoft *Windows NT* is the foundation of the new 32-bit operating system designed to support the most powerful workstation and server systems. The author, a member of the *Windows NT* development group, details processes and threads, protected subsystems, virtual memory, the kernel, the I/O system, more. A must-buy book for all computer professionals. 400 pages.

**COMPUBOOKS. GO CBK**  
**INSIDE WINDOWS NT**  
 PUBLISHER'S LIST PRICE \$24.95  
**SALE PRICE \$21.21**

### Discover the excitement of the 1993 Buick Park Avenue Ultra!

For sheer driving excitement wrapped in solid luxury, nothing compares to Buick's Park Avenue Ultra for 1993. The flagship Park Avenue Ultra is equipped with a sizzling 205-horsepower supercharged V-6 engine. It features graceful, aerodynamic styling, plus features such as optional automatic ride control to adjust handling to road conditions, driver-side air bags, anti-lock brakes and variable effort steering for improved handling. Explore the Park Avenue Ultra excitement online. And, learn all about the GM Card—a revolutionary new idea in buying power that turns your purchases into cash credits on your next new GM car or truck.

**BUICK. GO BUICK**



Direct Connection

**image**  
ENTERTAINMENT  
"The Finest In LaserDiscs"

**Ken Crane's**  
Area's most trusted  
name in Home Entertainment

**PIONEER**  
**LaserDisc**

# WE SELL MORE LASER DISCS

## Because We Offer...

### Selection

-  We Carry Every Title Currently Available  
Over 100,000 Discs In Stock!
-  We Sell Over 30,000 Discs Per Month!

### Prompt Service

-  Most Orders Shipped The Same Day!
-  Free 2nd Day Air Shipments In The  
Continental U.S.A.
-  10% Discount On All Titles!

### Dependability

-  A Quality Consumer Electronics  
Retailer For Over 40 Years!
-  New Release Information Faxed  
Weekly On Request

Visa, Mastercard, Amex, Checks & C.O.D. • Call Or Write For a Free Catalogue!

**KEN CRANE'S LASER DISC SUPERSTORE**

**15251 Beach Blvd., Westminster, CA 92683**

**1-800-624-3078 (Toll Free) • 1-800-626-1768 (In California)**

**1-714-892-2283 (Toll Call) • 1-714-892-8369 (FAX #)**



## Display

REACH 650,000 Plus subscribers WORLDWIDE when you place your company's advertisement in *CompuServe Magazine*.



### Insures Your Computer

SAFEWARE Computerowners coverage provides replacement of hardware, media and purchased software. Premiums start at \$49 a year, covers theft, power surges and accidents.

GO SAF or Call 1-800-848-3469  
SAFEWARE, The Insurance Agency Inc.

AMERICAN INSTITUTE FOR COMPUTER SCIENCES offers B.S. and M.S. in Computer Science. All courses home study. Increase your earning power. For more information call 1-800-767-2427

AMERICAN INSTITUTE  
COMPUTER SCIENCES

CHADWICK UNIVERSITY offers B.S. and M.B.A. programs in Business Administration. All courses home study. Increase your earning power. For more information call 1-800-767-2423.

CHADWICK  
UNIVERSITY

### The Adult BBS Guidebook

Lists phone numbers, modem info, user fees, and what's on line at adult BBS's all across the country. (128 Pages) **\$12.50**

Send Check or MO to:  
Keyhole Publications  
P.O. Box 35, Sycamore, IL 60178

High Speed Modem 14400 V32bis BPS and 9600 BPS Fax \$240.00	Complete Computer Systems 386-25SX Sys/2 Meg Ram \$ 895 386-40DX Sys/4 Meg Ram 1040 486-33DX Sys/4 Meg Ram 1295
--	--

#### All Systems Include

- Mini or Desktop Case
- 80 Meg Hard Drive
- 2 SER/1 PAR /1 Game
- SVGA Monitor & VGA Card
- 1.2 & 1.44 Floppy Dr.
- 101 BTC Deluxe Key Board

Call our BBS: 510-792-5119 for up-to-date prices  
Modem • Printer • Tape Backup • CD-ROM • CD-Software

• Dealer Inquiries Welcome •

Fred Haney & Sons Computer Co. Tel: 510-792-3505  
Fremont, CA 94536 Fax: 510-792-5678

## FLORIDA FRUIT SHIPPERS

### Now Shipping

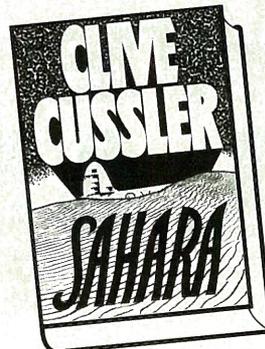
Temple Oranges  
*Juicy, Delicious*  
Ruby Red Grapefruit  
*Sweet, Seedless*

1 Bu. Temple Oranges  
Reg. 39.95 SALE 35.95  
Phone/Fax: 813-323-5412

**GO FFS**

# BOOKS ON TAPE®

World's Largest Selection of Audio Books



Box 7900-CP, Newport Beach, CA 92658

Reg. U.S. Pat. & T.M. Off.

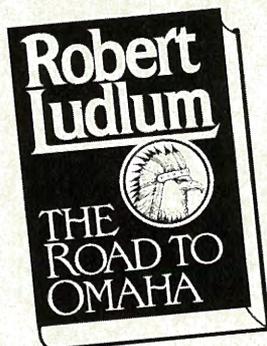
- Best Sellers on Cassette
- Full-length Rentals
- For Special Introductory Offer,  
**GO BOT**

Or Call for Free Color Brochure

**(800) 626-3333**

# BOOKS ON TAPE®

World's Largest Selection of Audio Books



Box 7900-CP, Newport Beach, CA 92658

Reg. U.S. Pat. & T.M. Off.

- Best Sellers on Cassette
- Full-length Rentals
- For Special Introductory Offer,  
**GO BOT**

Or Call for Free Color Brochure

**(800) 626-3333**

# KEH CAMERA BROKERS

AMERICA'S LARGEST USED CAMERA DEALER

**BUY • SELL • TRADE**

**EQUIPMENT QUESTIONS • SIGN-UP FOR FREE CATALOG**  
Contact Michael Dierdorff on-line, CompuServe ID# 71151,1140

## HOME TRAVEL AGENCY

Find out about this proven concept that allows you to:

- Operate a Travel Agency from your home or existing business
- Join the exciting world of free and discount travel
- Secure financial freedom

CALL 1-800-940-3699, ext. 60

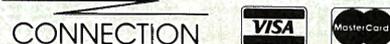
HOME TRAVEL ASSOCIATES

**50,000 CDs  
ON-LINE**

**WORLD'S LARGEST ON-LINE  
AUDIO COMPACT DISC STORE**

- Discount Prices
  - Free Shipping for orders of \$100 or more
  - Fast Delivery
- Modem: 408/730-9015 8-N-1  
Up to 9600 bps

COMPACT DISC CONNECTION Voice & Fax: 408/733-0801



## Classifieds

### TRAINING

#### Computer-Based Training

Master your computer with Akersoft CBT. Learn programming languages, accounting, microcomputer applications, electronics, mathematics, English and lots more. Free DEMO Disk & Information package. Call Akersoft at 1-800-736-9408, Modem Data line (8-N-1) 1-404-843-2520. CompuServe User ID: 73060,1631

### ELECTRONICS

#### Selection, Prompt Service, Dependability

plus 10% discount on all titles, is what you can expect from Ken Crane's Laser Disc Superstore! Visa/MC/Amex/Checks/C.O.D. Call or write for a free catalogue: Ken Crane's Laser Disc 15251 Beach Blvd., Westminster, CA 92683. 1-800-624-3078, in CA call 1-800-626-1768.

#### Why Buy Cameras

KEH CAMERA BROKERS—America's Largest used camera dealer can help. • 35mm • Medium Format • Large Format • Collectibles • Darkroom • Lighting • Fair Prices • Firm Quotes • Fast cash • Free monthly catalog; contact Michael Dierdorff: 71151,1140.

### OPPORTUNITIES

#### Guess What's Coming in March?

It's our most widely read issue ever!! *CompuServe Magazine's* Directory issue, a full directory of every service available on the CompuServe Information Service. Just a few more weeks and it will be on its way to your doorstep.

#### Investors/Partners Sought

for leading edge high technology product manufacture facilities, systems and software company. Call our Seattle Washington office to inquire further about this opportunity to join a full capability product development team. Confidential conference non-disclosure environment. SERIOUS INVESTORS ONLY PLEASE. LOWRY & ASSOCIATES: (206) 441-2098.

### MISCELLANEOUS

#### Are You Walking Past a Fortune?

POSITION YOURSELF FOR WEALTH ... \$500 million debt free company Presently in US, Canada, Taiwan, Hong Kong. Unique state-of-the-art products. Unlimited INTERNATIONAL compensation plan. We are fully financed & not seeking investments. In US 1-800-497-8999 for recorded message, CIS: 76150,2643.

#### DYEwitness Criminal Identifier

This new innovative product for personal safety is available for \$19.95 each. Contact us for free information. Salinas Protection Products 70242,3572. Phone: (408) 759-0903. Dealers wanted.

#### Accomplish Your Goals

Understand, discuss, and write about difficult topics. Informational audio tapes by a nationally recognized speaker. Broaden your research base, increase your personal productivity, or deepen your understanding of technology. FREE product Guide: Hightower Enterprises, PO Box 800117, Roswell GA 30075 or reply to 70743,2627.

### CATALOGS

#### Save on Postage and Printing!!!

New 32 page Mailer's Software catalog is the number one source of direct mail software. Programs include ZIP+4, Carrier Routes, Duplicate Eliminator, Bar Codes, databases and much more. Catalog is FREE. Call MELISSA Data Corp at 800-443-8834.

#### What's the best way to get to know your advertiser's ... GO OLI.

Most advertisers will send you a FREE catalog of their services and products. GO OLI and experience the luxury of ELECTRONIC READER SERVICE.

### APPLICATIONS

#### Make your modem "TALK"...

Turn modem text into speech. Software works with Procomm, Telix, and other IBM/AT modem programs. Compatible with PC Speaker, Sound Blaster, Adlib, and more. Send \$19.95 plus \$3.00 S/H to: Jacob Electronics, Inc. 16914 28th Drive SE, Bothell WA 98012. Please specify Sound Card type and Disk Size.

#### Low Price SIMMS—Lifetime Warranty

RetroSpect is working hard to bring you better memory prices. We require customers prepay, and wait three additional days, for their memory to be shipped. Hopefully we can get you the lowest SIMM prices around. For memory prices, PC or Macintosh, please send email to 71540,1240 or Fax at (405) 563-9388 (24 hrs)

#### Lower Premiums for Workers Compensation!

Free Brochure. Workers comp consultant Budget, forecast & lower premiums with risk mgmt software. MSDOS, LOTUS STRATEGIC PARTNER-software, manual, strategy book, support-guaranteed- Reg. \$150 now \$59.95 + shipping. Call 1-800-463-5042.

#### Experience Shareware Success!

CheckBox Software wants to publish your high-quality software as shareware. Experience our proven success for yourself. We service North America and other markets. Top-notch titles only, please. Phone: (908) 545-3010 Fax: (908) 418-1441 CIS: 71034,2654

### BULLETIN BOARDS

#### Fred Haney and Sons

Call our BBS: for up-to-date wholesale and dealer pricing; Outside California: 1-800-328-1098 (Prices Only) Inside California: 510-792-5119 (Main System). Telephone: 510-792-3505 FAX: 510-792-5678.

### COMPUTERS

#### Customized Computers & Notebooks

The DYNOVA SLic3000 Notebook is rated "Best Buy" by the Computer Buyer's Guide & Handbook. It doubled the battery life of the competition. Rich in features, performance, video quality. International power supply. Also customized 486 systems with local bus using top name componets and latest technology. Contact 71571,642 or 805-642-8799 PST.

#### Vendor 3.1 uses Lotus 1-2-3 rel 3.1+,

MSDOS 5.0, 8 MB RAM, Laserjet II. \$200. Vendor generates a departmental reorder balanced to run low on all items at once. It minimizes stockouts AND reduces inventory 3-30% in two years. Each department accepts about 500 SKUs, with Description, Cost, Qty/Box, Boxes/Case. For retailers and others. Arthur Hudson (617) 964-3905.

#### Front Porch Computers

We sell over 20,000 different computer related items. Everything from components <ram, motherboards, printers, fax, drives, SW, etc> to fully assembled systems with on-site warranty. International customers welcome. 1-800-GO-PORCH<voice>, 706-695-1990 fax, CIS, 75260,21 EVERYTHING DISCOUNTED DAILY! Consultants Welcome!

#### Computers, Systems, Upgrades at Wholesale:

Creative Labs Multimedia Upgrade... \$ 449 Maxtor 213MB Hard Drive MDL#7213A... \$ 399 Boca 14.4K Fax/Modems INT/EXT... \$ 219/\$273 386SX Multimedia Computer as low as \$1295 Call or reply to Dave Evans CompuServe 70473,1662, phone: 503-884-6492.

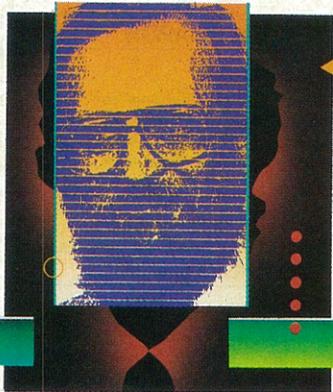
**REACH over 650,000 subscribers WORLDWIDE by advertising in *CompuServe Magazine*. Rates as low as \$400.00 (classified ads only). Contact us today!**

Classified Ads: are text only ads that enable you to reach over 650,000 subscribers worldwide at low rates. Your ad will consist of 30-50 words which will include your CompuServe User ID, Phone Number, and Company name at no extra charge to you. Rates: 1X: \$400, 3X: \$350, 6X: \$300, 12X: \$200.

**Call 614/538-4031 to place your Classified Ad today.**

## How to Get the Most Out of CompuServe

with Charles Bowen



### Fax by Modem; UnZIP Tips

I work for an international trading company that does its fax transactions mainly through modem. I am looking for software to help with my fax file management.

Eric Han  
Cerritos, Calif.

I think your best bet is to check in with a communications forum that supports your particular hardware. For instance, CompuServe's IBM and Macintosh forums have message sections and libraries that deal specifically with fax.

If you are using an IBM or compatible system, check out the IBM Communications Forum (GO IBMCOM) and look into Library 4, "Fax," where there are a number of public-domain and shareware programs devoted to working with faxes. Also, the corresponding message section invites messages about the subject.

If you are using an Apple Macintosh, you might want to visit the Macintosh Communications Forum (GO MACCOM) and see Library 6, "Fax," and its related message section.

\* \* \*

I am using CompuServe Information Manager, so I can download files all right, but I can't seem to get into them. I am using the PKUNZIP (archive) program and so far it hasn't been able

to unZIP any file. Do you have any suggestions or know where I could get an updated version of PKUNZIP?

Elizabeth A. Haar  
Madison, S.D.

I think you're right in suspecting the problem is the age of the ZIP utility you are using. You can retrieve the latest version in the IBM Programming Forum (GO IBMPRO) in Library 10, "Data Compression." Browse PK\*.\* to find all related files. At this writing, the latest version was 1.1, which was uploaded there in March 1990 in a self-extracting file by the name of PKZ110.EXE.

By the way, you might be interested that PKWare, maker of the ZIP utilities, is represented online in the PC Vendor Forum C (GO PCVENC). If you ever need to talk to them, just visit the forum and leave a message in Section 11, "PKWare."

\* \* \*

I'm looking for a forum or an application program that will figure simple personal investment alternatives, real estate transactions and stock/funds.

Ron Mande  
Lakeport, Calif.

The Investors' Forum's (GO INVFORUM) message boards

are full of discussions that might be of use to you, and its libraries contain free and shareware programs. The sysops are helpful and might be able to point you to some of the good stuff.

Also, you might be interested in the NAIC Forum (GO NAIC), which focuses not so much on day-to-day market changes but on long-term investment ideas.

Finally, CompuServe has a wonderful shortcut for finding software through services called File Finders, databases that can be searched by file names, descriptions and locations (the specific forum libraries where the files reside). To reach them, GO FILEFINDER.

\* \* \*

Could you help me with the new version of CompuServe Information Manager? I retrieved file CIM206.EXE. Could you tell me what to do next? How do I load the program?

Laura Nassraway  
Westchester, Calif.

The CIM206.EXE file you downloaded is self-extracting, meaning all you have to do is "run" it from the DOS prompt and it will expand itself and create the necessary files for operation.

Follow this procedure:

- Make a new DOS directory

with the DOS MD (Make Directory) command (such as MD NEWCIM to create a NEWCIM directory off the root directory).

- Copy the CIM206.EXE you downloaded to that new directory with the DOS COPY command (COPY CIM206.EXE \NEWCIM).

- Move to the new directory with the DOS CD (Change Directory) command (CD \NEWCIM).

- Run the new file by typing CIM206 at the DOS prompt. This will extract the files. Be sure to read the README.TXT file that is extracted to complete the upgrade process.

You then can run the new CIM version from that directory by typing CIM at the DOS prompt there.

Note that the procedure I've outlined here is the conservative approach, allowing you to retain your old version of CIM on its existing directory until you've had a chance to work with the new version.

*Charles Bowen is a contributing editor of CompuServe Magazine and co-author of the widely-acclaimed How to Get the Most Out of CompuServe book series from Bantam. He's also author of CompuServe from A to Z from Bantam, an encyclopedia of the CompuServe Information Service.*

Send your questions to Charlie by CompuServe Mail to 70007.411. If he answers your question in this column, we'll apply a \$25 connect credit to your CompuServe account.

### MEMBER ESSAY

## In the Realm of the Census

Having the best, most credible information first is very important to a Washington lobbyist like myself. A person with the right data can control a congressional debate.

Last summer, Congress was considering reauthorization of legislation that had already been in effect for 15 years. But no one had any hard information about its effectiveness.

I remembered that CompuServe had census information and thought maybe an analysis would tell us what we needed to know. I accessed Cendata (GO CENDAT) and found exactly what I wanted. The data was easy to download and edit with WordStar. Then I used AmiPro for chart- and graph-making. I was the only person with the accurate, credible, understandable data needed for this debate. Time spent: less than two

hours! One of the charts I prepared was even enlarged and used by a senator during the floor debate.

Since then, congressional staff members have called me for help in securing information on other subjects. I amaze them with my fast and complete presentations of census data.

Steve Workings  
Alexandria, Va.

### How to Submit Member Essays

Compete for \$50 worth of connect time and free CompuServe Information Manager software in CompuServe Magazine's monthly Member Essay contest. Write a 200-word essay describing an original way you've used the Information Service and send it to CompuServe User ID number 76004.3302. Include your full name, address and User ID number.

## Mensa Puzzler

by Dr. Abbie F. Salny

This month the Mensa Puzzler offers some fun with wordplay. Enjoy. You can check your answers in the Mensa Forum's News Flash (GO MENSA).

1. You are traveling in the land of Liars and Truthtellers, where every citizen is one or the other. You need to ask a question of a Truthteller, but how do you know who it is? You see three people across a stream (there is no bridge, of course) and call across, "Are you Liars or Truthtellers?" The first one replies, but you can't hear him. The second man says, "He says he is a Truthteller." The third man says, "No, he said he was a Liar. I am a Truthteller." Which is which?



DANIEL BAXTER

2. There is a palindrome (the word is spelled the same backward as it is forward) that tells you about an Eskimo who fell out of his boat:  
\_\_\_\_\_ (9 letters)

3. What is the following proverb when put into everyday language?  
Individual devoid of sapience finds that the medium of exchange commonly used for daily sustenance rapidly disappears.

4. Solve the following brief cryptogram:  
QDT GEJC DSR ASOVTR KJ DEP DUMY QDEP QKK PDSHH LSPP

©1993 American Mensa Ltd.

Do you have a Puzzler that you'd like to share with CM readers? Send your entry of no more than five brief puzzles (with answers) to: Puzzlers, CompuServe Magazine, PO Box 20212, Columbus, OH 43220. Include your full name, address, daytime telephone number and CompuServe User ID number. Do not send puzzles by electronic mail—we accept hard copies only. If your puzzle is used here, we'll credit \$35 to your CompuServe account.

## Reader Tips of the Month

It is an excellent idea to use a terminal access program that has a "capture" facility—i.e., the capability of logging all information from you to CompuServe and also from CompuServe to a file on your computer. Such a "log" file is useful when you have problems. You can see precisely what happened and either figure out what the problem is yourself, or have the record of the events surrounding the problem available when seeking help.

Another use for such a log file is that you'll have a record of your online activity and can browse it offline as many times as you like. This is useful when you want to keep a record of one of CompuServe's Help topics or a record of responses you received while using a forum or database.

Richard Shorter  
Auckland, New Zealand

The best hint I've learned in using CompuServe is to use different communications software programs for different purposes, rather than looking for one "perfect" program. I use AUTOSIG to access the five forums I am active in, and to do my electronic mail. When I'm active as a helper on CB Simulator or in the Entertainment Center, I use CBT or SpeakEasy, because of the monitoring and scroll-back features. If I want to look at weather maps or GIF files for possible downloading, I use CompuServe Information Manager, which is also helpful when exploring new areas of the service.

Dr. David H. Dyer  
Little Rock, Ark.

If you have a good tip about using the Information Service that you'd like to share with other CompuServe members, send it to CompuServe User ID number 76004,3302 and type in "Tip of the Month Contest" on the e-mail subject line. If your tip is published in this column, we'll apply a \$25 connect-time credit to your CompuServe account.

## Graphic of the Month

CM's Graphic of the Month is "Frosty" (FROSTY.GIF) by Dan Farmer, a POV-Ray creation with help from Fractint fractal generator. The intricate heart-shaped frames surrounding the faces are inverse Mandelbrot fractal images converted by POV-Ray into 3-D. Each fractal object in the image is constructed from 960,000 triangles. The faces are formed by data converted on Mira Imaging's HyperSpace. For details on this image, stop by the Graphics Developers Forum (GO GRAPHDEV), Raytracing Section 16. Dan Farmer is a raytracing hobbyist and uses DKBTrace on a 486/50 computer.



If you have a favorite image on CompuServe, consider nominating it as a Graphic of the Month. Provide the filename and identify the forum and library where the image is stored (do not send the files themselves) and send the information by CompuServe Mail to User ID 76004,716. If the image you nominate is published in this column, you and the image uploader/creator will receive a \$25 CompuServe account credit. Image uploaders/creators are permitted to nominate themselves, but only one \$25 credit is applied to each member.

# UPDATE



## 1993 Car Info in Showroom

Visit the New Car Showroom to see retail and invoice prices and specifications for 1993 American and import cars. Compare new models or price one model with the information provided for standard and optional features and technical specifications. GO NEWCAR



## Moon, Planet GIFs in 'Gallery'

The Graphics forums, in cooperation with the National Aeronautics and Space Administration (NASA), have opened Section 9, "NASA: The Planets," in the Graphics Gallery Forum, to discuss the unmanned research of the solar system. Its companion Library 9 contains a selection of GIF images provided by NASA showing the Earth, Moon and other planets. GO GALLERY

**Win an online shopping spree in Media Vision's PAS16 applications contest** in the MIDI B Vendor Forum. Now through July 15, shareware and freeware authors can win up to \$5,000 in merchandise and other prizes from Computer Express in The Electronic Mall. Prizes will be awarded for MIDI, music, sound and game applications using Pro Audio Spectrum 16 sound cards or compatibles. GO PASCONTEST

**The Claris Forum is now open** to provide support for Claris' application software for Macintosh and other operating systems. Products supported include FileMaker, ClarisWorks, HyperCard, MacWrite, MacProject/SF, Resolve, AppleWorks and more. GO CLARIS

**During February, the normal scan charge is waived** in IQuest's Tradename and Product Line SmartSCANS, a savings of \$5 per scan. Product Line SmartSCAN lets you find out more about a product before purchasing. Tradename SmartSCAN determines if a product or service name is already in use. All other IQuest charges, including charges for searches performed from the SmartSCAN Results menu, remain in effect. GO IQUEST

**CompuServe is offering a 50 percent reduction** in non-prime time communications surcharges on the Mercury 5000 network in the U.K. during February. This rate is significantly less than the rates for GNS Dialplus during this period. The Mercury network provides U.K. members with local dial-up access in 58 cities and V32 (9600 bps) access in 28 of those. DOS CIM users should be using version 2 to take advantage of this rate. GO LOGON

**Support On Site is now available in ZiffNet.** This comprehensive database covers more than 36 popular PC-environment and applications software products, and offers a resource base of software publishers' manuals, technical notes, and reference books by Que and Ziff-Davis Press. GO ONSITE

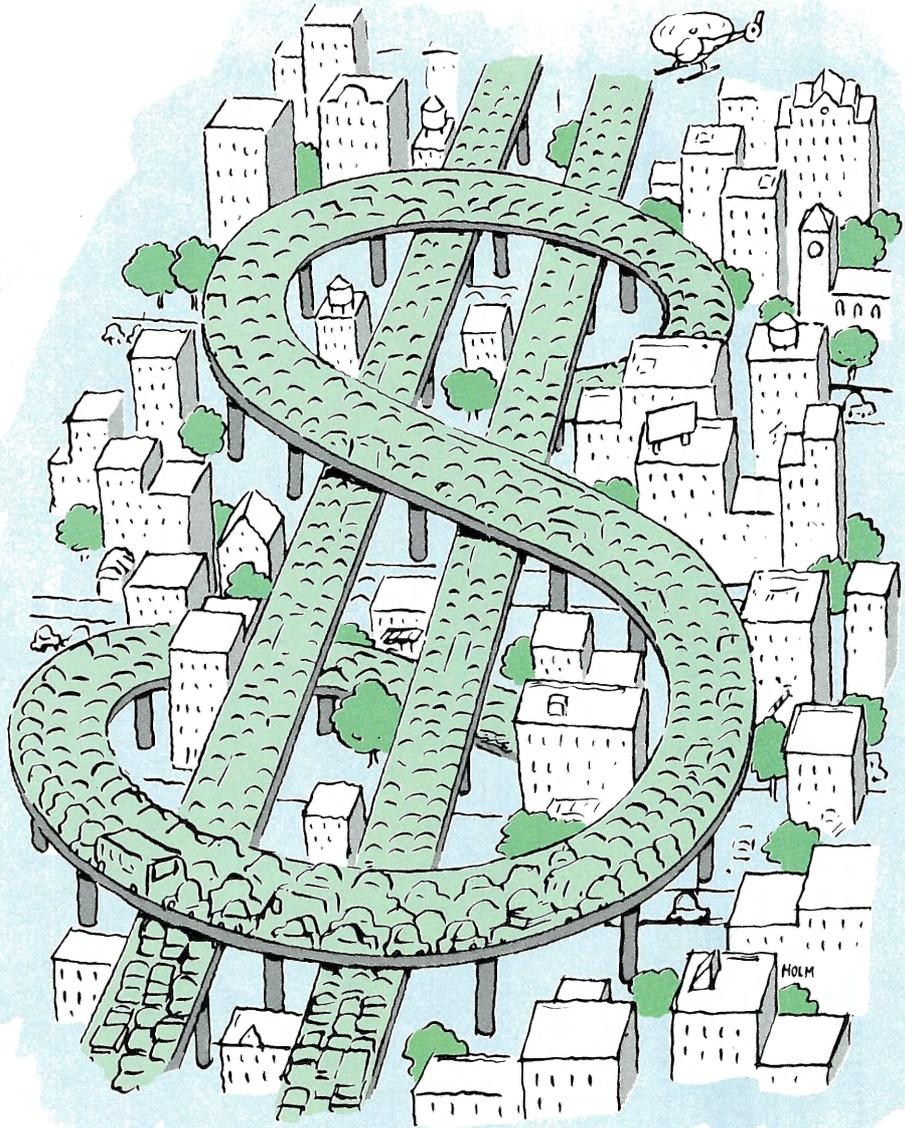
**The PC Vendor G Forum is now open** with six companies offering support: Brown Bag Software, Reach Software Corp., Magic Software, Futurus Corp., Identitech Inc., and Vertisoft. GO PCVENG

**The Toshiba GmbH Forum has opened** to provide technical support for German-speaking users of Toshiba computers and peripherals. Exchange ideas or ask Toshiba's technical staff at its German headquarters in Düsseldorf, for support. GO TOSHGER

**NEXT MONTH • Best Small Business Bets for the '90s: The Top Self-Employment Opportunities • CD-ROM Shopping: Key Knowledge for Player Purchases • No-Frillshare: Stripped-Down Software for the Home and Small Office Set • One Week on a Gel-Covered Seat: Touring the Countryside by Bicycle**

# Whoever called it a Freeway, never owned a car...

**Cut the high cost of  
car ownership with  
AutoVantage OnLine®.  
Enjoy 3 months of  
savings for just \$1!\***



AutoVantage OnLine is a membership-based service created to save you hundreds of dollars a year in auto maintenance and repairs — and even thousands of dollars when you purchase a new car. Here are some of the many money-saving benefits it includes:

- **Discounts and Savings on Service and Repairs** at thousands of participating dealers and service centers, including Goodyear®, Firestone®, AAMCO®, Maaco®, Kmart<sup>SM</sup>, Jiffy Lube®, and Precision Tune® — all listed in the computerized AutoVantage OnLine Service Center Locator easily accessed on your screen.
- **Free New Car Summaries and Used Car Valuations**, which can be ordered online, giving you all the data you need for buying or selling at the best available price, including dealer invoice prices, estimated wholesale/retail values, resale projections and operating expenses, performance reports, recall history — and more.
- **Savings From \$50 to \$5,000 Off New Car List Prices** on all domestic models and most foreign makes — at participating new car dealers, nationwide.\*\*

Put yourself in the driver's seat and see how much money you can save. As a CompuServe member, you can "test drive" AutoVantage OnLine for three months for just \$1. Just sign on to CompuServe — Enter **GO ATV** or find AutoVantage OnLine on The Electronic Mall Menu. Or, call toll free 1-800-843-7777.

## Join the biggest — and the best.

\* Full terms and conditions can be read online.

\*\* Actual savings may vary depending upon the make and model you choose, and other factors.

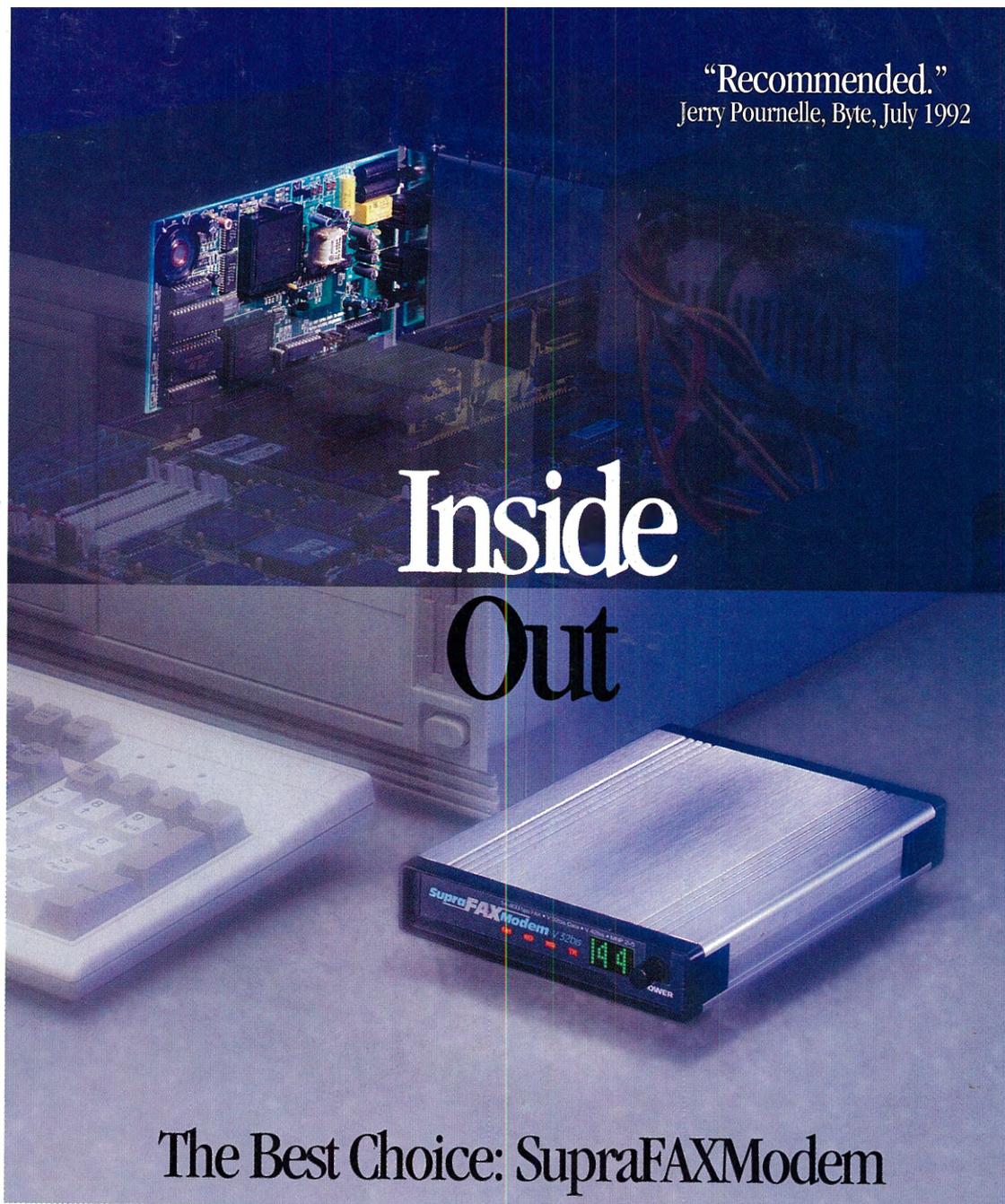
AutoVantage OnLine is a service provided by CUC International Inc.  
© 1992, CUC International Inc.

GO OLI for more information.

**AutoVantage®**  
OnLine

CS3AA1

"Recommended."  
Jerry Pournelle, Byte, July 1992



## The Best Choice: SupraFAXModem



SupraFAXModem V.32bis  
Internal — \$349.95 SA

Inside or Out, now you can choose the hot-selling SupraFAX-Modem technology that best fits your computer. Either way, Supra can turn your PC into a communications powerhouse!

SupraFAXModems come in a wide range of models, from our budget-minded SupraFAXModem 24/96i to the fastest fax modem available: the SupraFAXModem V.32bis. Whichever model you choose, you will get Supra's proven technology and reputation for high-quality, reliable modems.

Supra modems are designed for novice and expert communicators alike. Whether you use

DOS™, Windows™, or a Macintosh™, we've got a package for you — and our packages include everything you need. Plus our easy-to-follow Getting Started manuals will help you install your modem and start using it in just a few minutes! Imagine sending and receiving perfect faxes, exploring the world of on-line databases, or retrieving an important work file — all from the convenience of your desk. And advanced users will appreciate the error-correction and data-compression features that can save you money!

No matter what your needs, a Supra modem is your best choice. Call us today at **1-800-727-3564**, and find out why!



SupraFAXModem V.32bis  
External — \$399.95 S.

Bulk Rate  
U.S. Postage  
Paid  
CompuServe

CALLER ID  
AVAILABLE NOW

MODEL	INT./EXT.	FAX	DATA	V.42bis & MNP 5	MAX THROUGHPUT
SupraFAXModem V.32bis	E,I	14,400 S / R	14,400	yes	57,600
SupraFAXModem V.32	E	9600 S / R	9600	yes	38,400
SupraFAXModem Plus	E	9600 S / R	2400	yes	9600
SupraFAXModem 24/96i	I	9600 S / 4800R	2400	w/ software	9600

**DOS Package** includes modem, Fax Talk™ Plus, COMit™, cables, manuals • **Windows Package** includes modem, Winfax™, cables, manuals

All trademarks belong to their respective companies. 7101 Supra Drive S.W., Albany, OR 97321 USA • 503-967-2410 • Fax: 503-967-2401

GO OLI for more information.

Featuring  
**Rockwell**  
Modem Technology



CompuServe Magazine, P.O. Box 20212, Columbus, OH 43220-0212

GO TOSHIGER

A FORUM THAT PROVIDES TECHNICAL SUPPORT FOR GERMAN SPEAKING USERS OF TOSHIBA COMPUTERS AND PERIPHERALS. FORUM MEMBERS CAN NOW EXCHANGE IDEAS AND ASK QUESTIONS.

\*\*\*\*\*3-DIGIT 479  
73730,2610

RR2 BOX 65B  
FRANCESVILLE IN 47946-0065

#####