MICROGRAFX DESIGNER 3.1

By Jim Bigelow — SLO Bytes PCUG

Part I

How long have you waited for a serious drawing program? For something that is far above the average, that you can use either at home or professionally at work? There are plenty of low end drawing programs you can play with, but some

> *One especially beneficial feature of Desiger is its two mode "preview" and "wire frame" editing operation.*

of us have an artist within who wants out and needs a high end job to serve it. A few high end drawing programs have come into existence in the past few years and *Micrografx Designer* is one of them. Let me tell you about it.

Micrografx Designer for Windows, now supporting OLE (Object Linking & Embedding), is an impressive program, and it should be, considering its cost, its overall appearance and the reviews it has received. *Designer* is an illustration package engineered for the professional user of precision software. However, it will serve the serious home artist just as conveniently. *Designer* is top of the line, declared "1991 product of the Year" by InfoWorld, rated for three consecutive years by PC Magazine as editor's choice, and a five star (highest rating) by Software Digest. Read on,

this program may be what you are looking for.

The package contains the disks, manuals on *Adobe Typemaneger and Adobe TypeAlign*, *Telegrafx*, the *Reference Manual*, the *Learning Guide*, a *Tips and Tricks* booklet, a *Quick Reference* guide, and various other brochures. It comes with 167 Type 1 fonts from Digital Typeface Corporation and 13 Type 1 fonts from Adobe Systems Inc. These fonts are offered in four classes (outline, vector, device, and screen), and are further described as outline, device and screen fonts. If you need more fonts, such as Bezier you will find them offered by Bitstream and URW. You get over 2200 *Micrografx ClipArt* symbols. The program comes on eight hi-density disks, either 3 1/2, or 5 1/4. You can

☞ The theme for next month's general meeting is "computing around the world". We will look at what is available to the public through Cal Poly's library system. For those fortunate enough to have a local Cal Poly computer account we will look at the vast system of mainframe computers throughout the world on Internet. Through this system you can virtually leave E-Mail world wide and access gigabytes of public domain and shareware software. "Archie", Internet's answer to where to find a file among 800 worldwide mainframe computers will be demonstrated.

☞ George will demo telecommunications, both software and hardware and answer questions.

In this issue...

have it installed and running in short order. It loads quickly.

The display screen appears simple enough, but you may soon discover that *Designer* is every bit you bargained for. You wanted a drawing program that would exercise your talents and not leave you stranded in the middle of a graphic, now you will have to learn to use it. It is complex, and has an abundance of tools and features. Learning to use *Designer* is just as easy as any other program. But there is a lot of it. It will do whatever you want it to do.

Designer gives you plenty of working space; the adjustable ruler can be disabled to provide more. The tool box is on the left and the drop down menu is across the top.
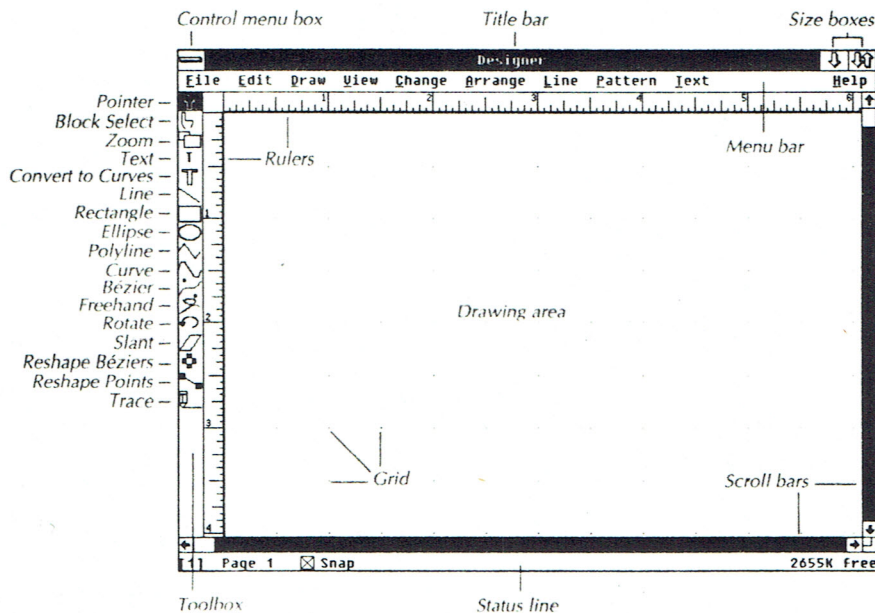
The tutorial is a good place to start. It takes you through the program, step by step, efficiently enough to give you a brief introduction to the program highlights. It shows you how to create a mouse and a fish using basic commands, especially the line tools. With it you create a word chart, trace Bitmap images and then create special effects with text. The tutorial takes you through the elaborate printing possibilities and then into its slide show features. Using the tutorial is essential, both for beginners and the more sophisticated.

To get serious with the program you move into the *Designer Reference Guide*. It describes step-by-step procedures for every feature of *Designer*. With each heading you are introduced to a specific feature, informed what it is and what it does, and then taken by step through the sequences required to use each feature.

In *Designer* language, any graphic object created with *De-*

signer or provided in *ClipArt* is called a symbol. And the Guide begins by introducing you to the tools you use to create the symbols. The drawing tools, all sixteen of them, are listed in the drop down "DRAW" menu and are shown, per your selection, in the customizable toolbox on

The window is very streamlined, allowing maximum working space. The ruler can be deleted. The menus are drop-down and most tools are multifunctional.

the left side of the drawing area. Most of the tools can be used in such a variety of ways they equal many more. The Line tool, for instance, by pressing the control key or the shift key can be made into a horizontal or vertical line, a rubber band line, or a freehand drawing line and without breaking the line's continuity. These controls provide the user with a great amount of versatility — consider the Elliptical Arc tool, it can be quickly converted into a circular arc, and also moved about the screen while still in the drawing mode. The parabola and curve commands are similar, but different enough to give you more control. The closed symbols are the circles, ellipses, rectangles, rounded rectangles, and squares. The Pie command allows you to draw a

pie with segments, or make it into separate segments, with each having different colors and patterns. With the Bezier command you can draw symbols by placing anchor and control points — this one lends exceptional control over your lines in that they can be shaped into al-

most any configuration imaginable.

Designer has provided methods to reshape the symbols you draw with Reshaping tools. One of these works by placing points on the symbols. You then select any of the points and drag them wherever you wish reshaping your symbol. Points can be added, deleted, or duplicated. Also, *Designer* lets you duplicate a section of a symbol, or cut it in two parts. If you draw a rounded rectangle and later want to change the roundness of the corners, you can do so by clicking on the Reshape Points command and then dragging the reshape handle. The second method used for reshaping symbols uses the Bezier
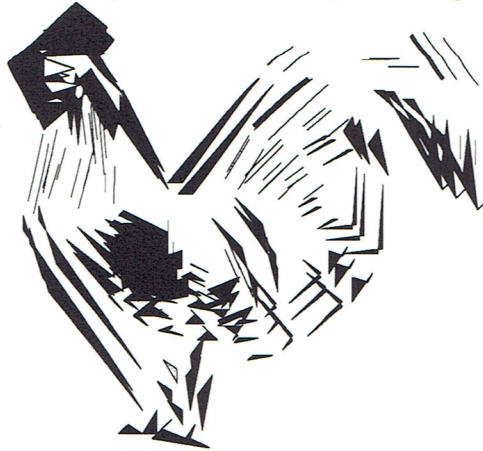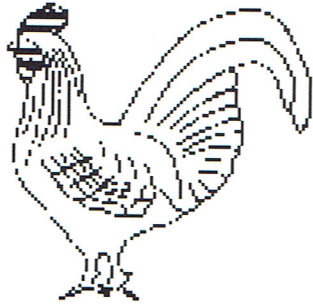
Curve tool, which as mentioned above, is probably the most powerful tool any drawing package provides for creating and editing images. It alone can make the novice artist's creations appear as that of professionals.

The Smooth command will turn rough and unsteady freehand line drawings into an artfull and skillful appearing image. Line drawings can be "connected" to turn them into closed symbols and then filled with colors and patterns. Several symbols can be "combined" as one, and any symbol can be locked into place. One more especially beneficial feature of *Designer* is its two mode editing operation. In Show Preview mode you can edit while viewing your work in full color. Wire Frame mode redraws much more quickly.

Tracing and using bitmaps is an enhanced part of *Designer's* program. You can import a bitmap, and choose one or a combination of settings to trace it. The choice of settings range from fine through course, smooth curves and corner setings from 0% to 100%, and the Polygons or Bezier curves. You cannot rotate, slant or connect a bitmap, but you can flip them horizontally or vertically and resize them proportionally and nonproportionally. You can crop selected bitmaps, leaving hidden and intact the cropped area. Bitmaps can be converted to symbols, colored, and overlayed, to create strikingly artistic and beautiful images. Coloring can be ex-
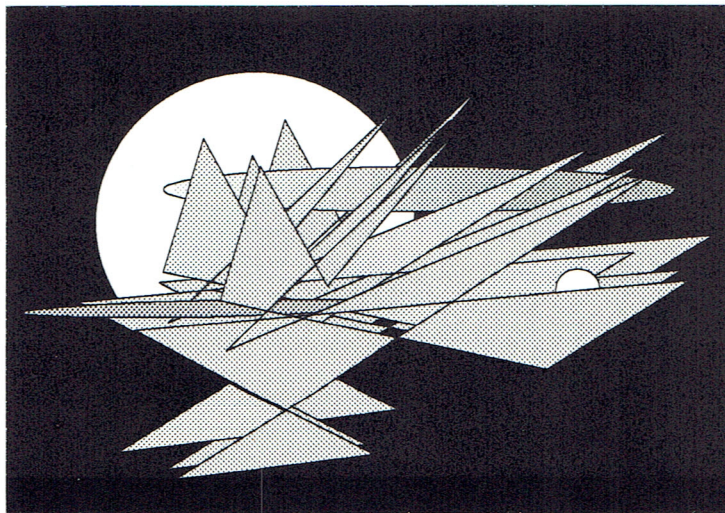
tensive using a combination of background, screen, line, pattern and text colors. The range of colors is limited to 16.7 million, so don't get too carried away. The chapter on tracing gives many tips for saving memory and obtaining the images.

Designer has a lot to offer in

Rosco: before and after. The print was created by overlaying three tracings. You should see this bird in color.

the area of fonts, with 180 fonts that accompanies it, plus more at bargain prices if you need them. A chapter is devoted to font handling, entering, editing,

I called this one "Icicles". I created it with Circles, Polylines and Reshape Points tools.

importing and exporting. You can do just about anything you want with fonts. Type a string of fonts and change each letter into a different size, shape, effect, or change it to Bezier Points and alter its shape, into any configuration imaginable.

Text can be aligned conventionally, along curving paths, or placed in specific areas or boxes. The *Learning Guide* book shows how to create special effects with fonts, such as blurring, drop shadowing, gradienting, inlining, miraging, slanting, neoning, reflecting, and shadowing. And if that isn't enough, they throw in *Adobe Type Mangager and Adobe TypeAlign* for extra good measure.

The 2200 largely technical clipart symbols that come with *Designer* is given much attention. *Designer* provides a method of assigning identifiers (symbol IDs) to symbols. Using "IDs" can you load, find, select, inventory, and make parts lists, etc. of your symbols. The ClipArt command lets you preview your selection, and control its placement.

No, *Designer* won't run on your XT. It will run on an AT. Better on a fast 386, and best on my 486-50Mhz. machine with 16MB of memory. It looks superb on my NEC MultiSync 4FG monitor set at a resolution of 800 by 600, and prints gray scale very nicely on my NEC Silentwriter Model 95 Postscript printer.

List price $695.00
Micrografx, Inc.
1302 Arapaho,
Richardson, TX 75081
(800) 733-3729

Next month: more of the story.

WinTools Version 1.0

A Review
By D T Richmond
SLO Bytes PCUG

A Customization System for Windows 3.0 (and up)

WinTools is an object-oriented shell that enables you to customize and automate your work area and work environment. Using the tools provided with WinTools, and creating your own, you will be able to build your own computerized work area, the way you want.

 The use of WinTools enables one computer and its contents to be shared by several users each with their own customized work area. WinTools refers to this work area using the DESK metaphor. Your screen shows you a Desk (work area) upon which you can organize your software programs and utilities. WinTools not only helps organize that screen, it gives you the power, through the BIG SKY feature, to expands this usable space by a factor of sixteen.

Programs can be set to start when and where they are wanted or needed. The operator will then be able to move back and forth between multiple programs with just a few keystrokes or mouse commands. All of this without having to learn and remember the complicated file management procedures, or the DOS commands.

Using WinTools and Windows 3.0 tools, each DESK is customized to suit each individual needs. The Tools may be duplicated from DESK to DESK. Pick just what is needed and include it in your DESK. Each DESK may have a CHILD DESK (sub DESK containing tools not used as often.) DESKS may be customized in appearance and style. The inventive may customize not only the tools in the DESK, but the color, type face and style of the DESK as well. Custom icons may be selected from the Icon Librarian.

It is easy to see the advantage of WinTools. Each individual is able to launch from his DESK with easy point and click actions of the mouse, the tools they have selected for their DESK in an uncluttered environment.

Installing WinTools proved to be a simple task. "Install" asks how I wished to have the program installed. I opted for the full installation which permits WinTools to take the place of Program Manager. When installation was completed the opening screen contained several Icons, each representing DESKS. 1. User Tools, which are the Icons usually seen in the Program Manager box. 2. Basic Tools (listed below), the minimized Icons for, AfterDark, Program Manager and the Wintools Icon (a hammer.)

At the top was a third Icon with the tempting title, "Double-Click Me first." I followed instructions and was into the tutorial program. This is a refresher course in the operational procedure of Windows as well as an explanation of the WinTools. The tutorial was very straight forward and easy to follow. Spend a little time and you can learn enough to set up the DESKS for your individual computer users.

WinTools provides eleven Basic tools. They are: Options Tool: Sets options for individual tools attributes (such as how they look) and global options (such as what actions require confirmation.) Here to protect any sensitive material passwords may be assigned.

Size Tool: Sets the size and position of program windows. Tree Tool: Enables you to view and manipulate directories and create new tools.

DDE Tool: (Dynamic Data Exchange) Enables you to send messages and control other applications.

Keystrokes Tool: (Macros)

Together these two tools set up "conversations" between programs in the computer. In this manner a graph prepared in a word processing program can "ask" a spreadsheet program for data to include in this graph. This data exchange can be set up to reflect changes as they occur or on a scheduled basis. Or a financial statement can reflect the changes in the market value of stocks, if linked through a communication program to an on line ticker tape service. This is a powerful tool. (I don't begin to understand how it works but it is mighty thoughtful reading.)

Trash Tool: Delete and restore tool.

Help Tool: Displays on-screen help. You may write your own help.

Note Tool: Enables you to assign notes to a tool.

Directory Tool: Enables you to view and manipulate files (copy files, move files, etc.) and create mew Tools.

Copy Tool: Duplicates any tool or DESK dropped onto it. (A very important useful tool in building the DESKS.)

Close/Open Tool: Use the Close/Open Tools and DESKS. Double Click on the WinTools Icon and you will get a box containing three Icons. WinTools (A Hammer), one called Image Librarian, and the Big Sky Icon.

Big Sky is the task manager and perhaps the most useful feature of WinTools. Big Sky moves beyond the normal Task Manager

SLO Bytes Library

Here we are, another month has past and we're looking at some new great shareware. The following disks should have a little something for everyone. Remember, these files appear on the BBS perhaps a month before they are offered in the club library. So if you can't wait, it's best to use the BBS.

#499 Business Programs: CASHFL15 - Home mortgage manager. PC-GL35 - Accounts payable; double entry accounting software (for Jules!)

#500 Cataloging Progams: CATDISK - PCFile+ cataloging database. CUDM321 - Colorado Utilities disk manager. DCP-COV41 - Davey Crocket Productions disk cover. DLS200 - Disk labeling system.

#501 Directory Utilities: 0DEL-V! - delete 0 length files. DU111 - check disk usage. GCD_100 - graphical change directory. PIK110 - Pick Files. SINCE - directory of files since... ACD200 - ChDir FAST: more features than LCD?Norton. CUDUP21 - finds duplicate files even in archived files. MOVE453 - move files from one drive/directory to another. RCD151 - Ray's "Change Directory".

#502 Educational - TYPDOS40 - MS DOS quiz. SM20A - Math/Chemistry symbolic calculator.

#503 Educational - GOOGMATH - Googl Math - jump the ladders and answer math questions. KIDZMATH - simple kids math program; + - X /. MTHOMT28 - Mathomatic algebraic manipulator.

#504 Games - AQUEST1 - Animal quest (forrest animals only active). COLUR - Tetris-like game with color.

Updates:

#403 - PKLTE114
#404 - PONYEX20
#428 - FM46

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Recap of July's meeting.

George Campbell gave us a comparative analysis of MS DOS, Windows 3.1 and OS2. He provided many comments and detailed explanations regarding the accompanying chart he compiled.

Kathy Yakal introduced us to Quicken for Windows as she promised. Kathy demonstrated Quicken and then invited the many knowledgeable and successful business persons to participate and share their own expertize with the rest of us. Thanks Kathy for the command performance that was unique, invigorating and educational.

	MS DOS	Windows 3.1	OS2
Cost	$50	$50	$50
Disk space	3	15	30
8088	yes	no	no
80286	yes	yes	no
80386	yes	yes	yes
Task switching	yes	yes	yes
Multitasking	?	yes	yes
Multiread	no	no	yes
Scaled fonts	no	yes	yes
Windows 3/1 Progman	no	yes	no
Super VGA	yes	yes	no
Tape backup	yes	yes	no
Scanner	yes	yes	no
CD ROM	yes	yes	no
Extended memory	no	yes	yes
OLE	no	yes	no
DDA	no	yes	yes
2nd IDE hard disk drive	no	yes	?
Manuals	yes	yes	no
Basic Applications	no	yes	yes
Supports Comports 3,4	yes	yes	no
Stacker compatable	yes	?	no
Any BIOS	yes	yes	no
Clone Compatible	yes	yes	?

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FOR SALE FOR SALE FOR SALE

IBM OS/2 Version 2.0

$40.00

Bob Fisher purchased this package, opened it, but never used or registered it.

Quicken for Windows

$20.00

Also new and registerable

Call Bob Fisher 238-6812

Overview: There are a wealth of commercial online systems you can call with your modem. Each offers different services at different rates, but all give you the opportunity to access shopping, research tools, airline and other travel reservations, and much more. Most even offer a wide variety of files and programs for downloading. Here's a rundown on the most popular systems:

System: America Online
Signup Fee: Varies (See *PC Computing* for free offer)
Basic Cost: $5.95/Mo. (Covers all basic services)
Per Hour Cost: $4/$8 (Non-prime/prime -- Non-basic)
Communications Surcharge in SLO: NO
Offers Easy-to-use Software?: YES
File Downloading Available?: YES
Free Mail?: NO (online charges apply)
Communications Parameters: 7/E/1
Contact Number: 800-827-6364 (Evenings & Weekends)
Notes: Great software, but slow. Lots of files available, plus the usual basic services. Worth investigating.

System: CompuServe
Signup Fee: $25 (includes software and 2 free hours)
Basic Cost: $7.95/Mo. (Covers all basic services)
Per Hour Cost: $12.80 (24 hr./day up to 2400 baud)
Communications Surcharge in SLO: No
Offers Easy-to-use Software?: Yes
File Downloading Available?: Yes
Free Mail?: Yes
Communications Parameters: 7/E/1
Contact Number: 800-848-8199
Notes: The most expensive, but has the most files and support areas for software publishers. Free services are broad. Software easy to use.

System: Delphi
Signup Fee: No signup fee
Basic Cost: $5.95/Mo. (Covers all basic services)
Per Hour Cost: $6/Hr. ($20 for 20 hrs. service avail.)
Communications Surcharge in SLO: No
Offers Easy-to-use Software?: No
File Downloading Available?: Yes
Free Mail?: At Normal Rates
Communications Parameters: 7/E/1
Contact: 800-695-4005
Notes: Now includes BIX, the Byte Information Exchange. Not as many files as some services, and you must use your own communications program.

System: GEnie
Signup Fee: None
Basic Cost: $4.95/Mo. (Covers all basic services)
Per Hour Cost: $6/$18 (Non-prime/Prime)
Communications Surcharge in SLO: $2/Hr.
Offers Easy-to-use Software?: *Aladdin* (not from GEnie)
File Downloading Available?: Yes (at hourly rates)
Free Mail?: Yes
Communications Parameters: 7/E/1
Contact: 800-638-9636
Notes: Good files, support, free services. Best system for mail services with friends and family. Lack of easy software is a drawback, though. Aladdin, a shareware program, isn't as easy to use as others.

System: Prodigy
Signup Fee: $49.95, but shop around. Sometimes free.
Basic Cost: $9.95/Mo. (Covers all services)
Per Hour Cost: None
Communications Surcharge in SLO: None
Offers Easy-to-use Software?: Yes
File Downloading Available?: No!
Communications Parameters: 7/E/1
Contact: 800-776-0836
Free Mail?: 30 free messages/Mo. then 25-cents/message.
Notes: Some like this service, others don't. Everything's free, but there's not as much to do. No files for downloading, snoopy sysops, and ads appear on the screen for products.

System: EXEC-PC
Signup Fee: None
Basic Cost: $60/Yr. (Covers all services)
Per Hour Cost: Long Distance Phone Call
Communications Surcharge in SLO: N/A
Offers Easy-to-use Software?: No
File Downloading Available?: Yes
Free Mail?: Yes
Communications Parameters: 8/N/1
Contact: 414-789-4210 (Modem)
Notes: Terrific files, but long distance charges can add up. Good messaging, but no reference services to speak of. Use this service mainly for file transfers.

Quicken — A Brief (And More Comprehensible) Recap Of Last Month's Presentation

By Kathy Yakal — SLO Bytes PCUG

Well, after giving the "presentation" at last month's SLO BYTES meeting, I have renewed respect for people who can get up in front of large groups of people and make sense for an hour or so. Thanks to those of you who sat through my dress rehearsal. Obviously, I hadn't practiced my presentation nor focused it on a small enough topic. Sorry. Good thing I make my living as a writer, not a public speaker. For those of you who weren't there (and for those of you who were and left, scratching your heads and saying, "What exactly was she talking about?"), here's a recap of what I said (or, rather, what I should have said). I promise to do better if I ever volunteer to do this again.

About Accounting Software...

Software that accountants use is complex and expensive. Individuals and small businesses don't need all the power those products have. Most of them operate on a cash basis, and simply need to be able to keep track of their income, write checks, and send bills. Accounting software doesn't replace accountants, but it can let you enter financial information in a format that is easier for him or her to work with, which may save you some money eventually on CPA fees. Accounting software can also give you a better picture of your finances, and help you organize all of your bookkeeping information in one place. There are several inexpensive accounting packages that are designed to be used easily by people who do not understand accounting jargon. They include Quicken, QuickBooks (both by Intuit, Inc.), Managing Your Money (MECA Software), and the new Instant Accounting (DacEasy). If you have tried using a low-end financial management package before and stopped using it, there may be several reasons for this. First, it's difficult for software vendors to design packages that will meet the specific needs of millions of potential users. Second, some of these products are relatively new and haven't worked out all their bugs yet. And third, accounting software requires its users to be very precise. Many people are not, when it comes to finances (except in the spring of each year, when the IRS suggests that we should be), so they give up in frustration early on.

About Choosing And Implementing An Accounting Software Package...

Financial management — even for an individual — is a difficult, exacting discipline. So is finding the right software package for an application and using it well. Don't feel bad if you've had trouble with this process. Everybody does.   Before you even open a copy of Computer Shopper, draw a verbal picture of your accounting needs. Where does your money come from? Where does it go? What do you expect from accounting software, exactly? What functions do you want it to perform, and what kind of information do you expect to get from it? Talk to friends who've used accounting software. Look for businesses similar to yours and ask them what they use. Call the prospective vendor and ask for a demo disk. Ask your accountant for a recommendation, something that would be easy for him or her to work with. Even if you choose a package that the accountant is not familiar with, you'll still be able to prepare required reports for your accountant faster and more completely. Run your old manual system and your new computer software concurrently for a few months, until you're sure everything has transferred smoothly. And ask for help when you need it. Most accounting software vendors offer free support for the first 30 days or so, so take advantage of it.

About Quicken...

Quicken is a money management program designed for individuals and small businesses (or large businesses with simple accounting needs). It's cheap, as low as $28 through some mail-order outlets. It's easy to use. It's not a double-entry accounting system, and it doesn't refer to things like debits, credits and audit trails, so don't worry if you don't understand what those terms mean (most people don't). Quicken is based around your checkbook, and its main working screens look like a blank check and a checkbook register.

Quicken comes in both DOS and Windows versions; the biggest difference between the two is the user interface. Both versions offer automatic check-writing and printing, financial record-keeping, expense and income reporting capabilities, credit card and cash management, electronic bill payment through CheckFree, asset and liability management, investment-tracking features, and powerful reporting.

Intuit's new program, QuickBooks (as low as $79 mail-order) can do a few things that Quicken can't. You can generate invoices and print mailing labels. More complete Accounts Receivable and Accounts Payable functions are included, as are 21 sample Charts of Accounts (Quicken has two). QuickBooks lets you set up
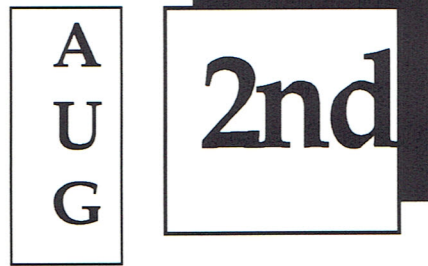
to increase the screen space fifteen fold, allowing you to have, in effect, sixteen desktops. These are called Virtual Screens by WinTools, and are areas that exists in your computers memory not viewed on the screen. The Big Sky Map is your view of these screens in the Big Sky Box. In this map you can see as few as one cell or all sixteen. Using the map you can move objects between virtual screens changing WinTools focus from one screen to another. In Big Sky you can arrange the tools from desk to desk, launch programs to run where you wish, the options are endless.

This is a powerful program! I am only a novice computer operator, yet I was able to follow most of the manual's instructions. The manual is well written. It has step by step instructions to guide the operator through building their DESK and customizing it to suit their special needs.

The biggest draw back I found WinTools was the sluggish operation performing tasks in my computer. This is no doubt due to the demands Windows makes on the computer's memory. I have only 4 Meg RAM and a 386SX 16 mhz processor so I might be handicapped. If one has a more powerful computer which is shared be several users, WinTools would be a very useful program to experiment and work with. In this review I have only scratched the surface of the power of the program I believe the further you get into it's operation the greater the benefits you will gain from it's use.

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Calendar

August 2nd - Computing around the world via modem, by Bob Ward.

September - OPEN

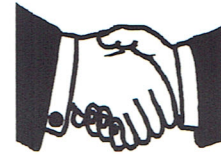October 4th - Tracy Gonzales-Corel Systems will demonstrate Corel Draw

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your business on either a cash or accrual basis, and it comes with more report formats. It does not come with complete payroll capabilities, but Intuit sells an add-on payroll package, QuickPay, for $59.95 (suggested retail).

Technical support for Intuit products is free and unlimited, though the programs come with clear, thorough documentation, tutorials, and online help. For more information or a demo disk, call 800-624-8742.

###

New Members

Welcome to the following people who joined our club last month. We hope we can be of service.

Lorraine Bailey 544-0130
Allan Reider
Jack McKissack 438-4317
Peggy Gunnufson 489-8820

###

Correction to last month's article on DeLorme's Street Atlas USA.

☞ Retail price is now $169, although you may still find copies for less than $100 if you catalog shop.

☞ The first street map to appear after selecting a city will always be 4 miles square at magnification 13.

☞ Any reference to scaling such as 1" = 52' is all relative and depends on the size monitor from which you view the maps. For this article I am using a NEC 4FG monitor at 640X480 resolution.

☞ Note: look for an improved version of Street Atlas to be avilable in the near future.

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Club Information

The SLO BYTES Newsletter is a monthly publication of SLO BYTES PC User's Group located in San Luis Obispo, California. Information in this Newsletter is derived from both our own membership and other PC User Group Newsletters. The purpose of this publication is to inform our members of meetings and provide information related to the use of IBM PC's and compatible computers.

Membership: Dues are $20 per year. Newsletter only is $12 per year. Full membership entitles you to our monthly newsletter, full use of the public domain software library and discounts at local computer stores.

Article Submission: Deadline for submission of articles is the 15th of each month. Articles should be provided in ASCII format without any type of formatting from your word-processor including tabs, indents, extra spaces, or highlighting. We prefer articles on disk but will accept hardcopies if necessary.

Disclaimer: Neither SLO BYTES PC User's Group, its officers, editor, or contributors to this newsletter assume liability for damages arising out of this publication of any article, including but not limited to the listing of programming code, batch files and other helpful hints.

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Advertising: Commercial advertisers, request ad packet from Bob Ward. Members may advertise personal computer equipment or software for free. Submit your ad to Jim Bigelow or Bob Ward.

Direct all correspondence to Bob Ward, 2100 Andre Ave., Los Osos, CA. 93402. Call (805)756-2164 M-F 7:30am - 4:30 pm and (805)528-0121 all other times.

Editor: Jim Bigelow
1515 Kiler Canyon Road
Paso Robles, CA 93446
(805)238-6335

Meeting Times

General meetings are held the 1st Sunday of every month, unless noted otherwise in the newsletter calendar, at 2:30 pm in the Cal Poly University Biology Department, Fisher Hall 286. Special Interest Groups (SIGS) meet at 1:00 - 2:00 pm.

New User's SIG - F.H. 286 Our Public Domain Library is in Fisher Hall 292. Hours 12 Noon till closing.

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│  George Campbell            │
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│  All Welcome - 24 Hours     │
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DOS Tip: Moving Programs or Sub-directories

By Dave Schubert—SJIBM PCUG

Have you ever wanted to move a program or a group of files between two machines without having to go through a complicated process? Instead of going through "null modem cables" or re-installing the program a second time, DOS's BACKUP and RESTORE are all you need to do the job.

Recently, I had to copy files from my home computer to my laptop and decided this was the fastest reliable method to get my Qmodem program and related files moved. On the home computer, I entered the following command:

```
BACKUP C:\QMODEM\*.*
    A: /S
```

Then moments later on the laptop system I entered:

```
RESTORE A: C:*.* /S
```

Treasurer's Report

SLO Bytes PCUG Expenditures May, 1992

Beginning Balance	+2712.64
Expenses:	
Newsletter 06/24/92	-140.77
Manual Covers	-23.90
======	
	-164.67
Deposit 07/06/92	+240.20
Interest 06/30/91	+14.26
======	
	+254.46
Balance 07/06/92	+2802.43

These command lines are for MS-DOS 5.0. Command line switches may vary between DOS versions. The "/S" command line switch causes any sub-directories below the specified name to also be backed up.

Within five minutes, my Qmodem program and related files were duplicated on my other computer, plus I have a diskette that could be labeled and saved as a backup of my qmodem files.

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