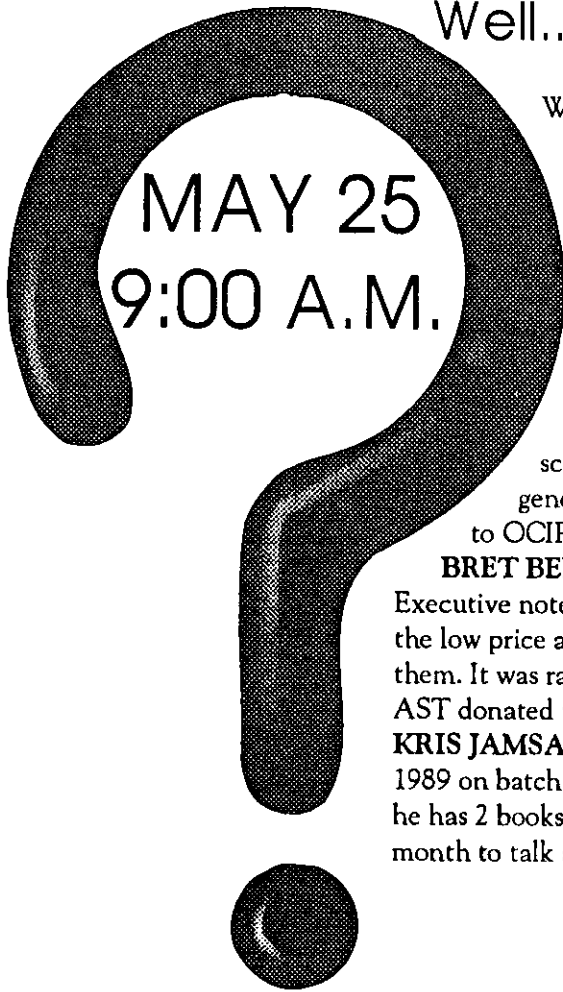


# README.DOC

MAY 1991

ORANGE COAST IBM PC USER GROUP

VERSION 7.5



## Well... Surprise, Surprise, Surprise!

We warned you earlier this year that many new products would be released this summer. Some of these products are being "beta tested" by our members. Most of these we can't even tell you the name until they are officially released. Because of the date of release of some of these new products, we are unable to tell you anything more about this month's meeting than to say: **STEVE GIBSON**, who writes for *INFO WORLD* magazine and who is also the author of *SPINRITE*, will speak on a **NEW** product from Microsoft that is scheduled to be released on May 20th (only 5 days before the general meeting). Steve is very excited about this presentation to OCIPUG.

**BRET BERG** from AST will demonstrate their **EXCITING** new 386 Executive notebook computer that has been out for 2 months and due to the low price and special features is selling faster than they can produce them. It was rated *PC Magazine's* Editors Choice last month. By the way, AST donated the computer that we use for the club's BBS.

**KRIS JAMSA** gave a wonderful presentation to OCIPUG in August of 1989 on batch files. Kris has written over 20 computer books and, in fact, he has 2 books that must be finished by June 15th. He has returned this month to talk about ?????.

Richard Sabin  
Program Committee

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#### PURPOSE STATEMENT

The purpose of the ORANGE COAST IBM PC USER GROUP is to provide a forum for members to share information and experiences that will help other members obtain maximum benefit and enjoyment from the use of their IBM PC and compatible personal computers.

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1. **UPLOAD** to the Bulletin Board, indicating the format by extension, such as: ASCII.TXT, MSWord.WRD, WordPerfect.WP.

2. **5 1/4" DISK** mailed to the Editor in time to meet the deadline: P. O. Box 8224, Newport Beach, CA 92658.

3. **HARD COPY** is acceptable only if typed and double-spaced.

**DEADLINE FOR ALL SUBMISSIONS WILL ALWAYS BE 12 MIDNIGHT ON THE SATURDAY FOLLOWING THE GENERAL MEETING.**

# General Meeting Report

Harv Haight

Minor technical problems delayed the start of this 74th General Meeting until 9:10, when past-President John Goodman led an 18-minute Open Access. Major subjects were SpinRite incompatibility, how the Stacker card and program operate (don't use it on boot portions), and on Modem-Mouse conflicts.

Program coordinator Rich Sabin then introduced Michelle Vranizan, who has been on the Orange County Register staff for ten years. Her degree in English helped qualify her as a writer for two years or so in the business section; since then she has covered county manufacturers, services, and telecommunications. In the last year she's been responsible for "Home Tech." In this section she looks at all aspects of personal computing, as well as other electronics for the home.

Michelle gets her ideas from reading both local and national journals, from press releases, from Comdex, from answering phone inquiries, and from interviews. The Register recently reemphasized that subjects must be recent or new and must have an acknowledged local impact upon consumers. Michelle noted her article "Genealogy Resources - Family Tree," which quoted Stan Sabin and his SIG extensively.

She showed fifteen slides to illustrate how she does her work. In addition to the feature article, Michelle writes a bylined weekly

column called "Notebook," that offers the best route for getting event publicity (takes 5 to 7 days, instead of 10 to 14 days for a feature article). In answering questions, Michelle said the Register is switching from dumb terminals to work stations, that carpal tunnel syndrome has been noted, that all graphics are home-grown using Macintosh units (Aldus Freehand, Adobe Photoshop, and Quark Xpress), that she does 10% of her work via modem, and that she is interested in a possible Register BBS.

Our second speaker, Bridget Cameron, Product Manager of Systems Peripherals and Accessories at Microsoft, introduced us to the "Ball-Point Mouse." This roller-ball device, three years in the making, attaches to the front, right, or left of a laptop at an adjustable angle, or can be released readily to be hand-held. It has buttons for either right- or left-handers, uses the Version 8.0 Microsoft Mouse driver, and supports either serial or PS/2 interface with 400 DPI resolution. With the Control Panel of Windows 3.0, acceleration, sensitivity, and orientation can be adjusted. Bridget had several makes of equipped laptops for us to play with.

Announcements around break time included notice of a cancelled April Board meeting (inadequate quorum) and rescheduling of the May Board meeting to May 29th.

The third speaker, Chris Noble, Director of Product Marketing at GeoWorks, gave an extensive and effective demonstration of the GeoWorks ENSEMBLE program, now available for the XT or AT user as an alternate to Windows 3. As Berkeley Softworks, the company, in the early 80s, brought the "Geos" graphical operating system first to the Commodore 64, and then to the Apple II. In November 1990, as GeoWorks, it released this upgraded product.

In the March README.DOC, Board member Terry Currier reported on his favorable evaluation of this program and at the February 23rd General Meeting Bob Basaraba distributed a handful of cards to allow members a price of \$50. Chris's question as to club users, and hands raised by the audience showed that those cards got results.

A 10-page feature in the April 29th MicroTimes (available at this meeting) which reported on an in-depth interview with founder/CEO Brian Dougherty can provide further input to this promising product.

In the raffle which closed the meeting, prizes were donated from many sources. We wish to thank all who donated the prizes. ■

# President's Message

Stephen Burnside

Last month I moved and did not have a chance to get my President's column in on time. Our Editor, Jean Stevens, holds to a rigid deadline and even presidents must adhere to it! There have been a few things happening which I want to tell you about.

First, I think everyone who has been attending our General Meetings will agree with me when I say that the meetings have been great. We have had well prepared presenters, who have been both informative and entertaining. The meetings have had enough variety to hold everyone's attention. If you were at April's meeting you saw and heard Michelle Vranizan of the Orange County Register give her first talk to a group as large as ours and I think she did an excellent job. We all got some insight into what the press is looking for in its coverage of computing.

Bridget Cameron, Product Manager of System Peripherals of Microsoft did an excellent job of introducing the new Microsoft Ballpoint Mouse for laptops.

Chris Noble showed us Geo-Works, the astonishing new GUI (Graphical User Interface). Many of our members were quite impressed with it, as evidenced by the long line of people lined up to buy it or get the generous discount coupon provided by Chris.

I mentioned after Ms. Vranizan's and Ms. Cameron's presentations how pleased I was that more women are involved in computing not only as users but also as integral members of the computing industry. I sincerely meant that. When I appointed Richard Sabin Program Committee Chairman, I told him that not only did I want to have interesting and informative presentations, but I wanted him to try to insure that we would have diversity

among our presenters.

As you can see the Program Committee has done an excellent job. If you have a topic, or product you would like to see covered at the General Meeting don't forget to attend the Program Committee meetings. They are held the second Wednesday of the month at the SIG space.

The search continues for a solution to our display system needs at the SIG space. Ben LeGare, Richard Villa, and others are still examining various options. It is my intent to have some sort of system in place by the end of June, if not earlier. We cannot continue to do without a display system that is both large enough and clear enough for all to see.

It is not fair to you, the members, nor to the presenters, be they outside vendors or your fellow members, to have to live with inadequate equipment. A suggestion has been made by one of the members that we have a fund raising drive to acquire a VGA projection screen. I will introduce the idea at the May Board of Director's meeting. If you have an idea, suggestion, or possible solution to this problem come to the Board meeting or give me or any of our Board members a call.

Lastly, it is my sad duty to inform you that Steve Silverwood has resigned from the Board of Directors. Steve's wife has been hospitalized and upon her release will require his help. Steve is a first term director and has been a great asset to our club at Board Meetings, General Meetings, and at the Database SIG. I know you all join me in wishing Steve's wife a speedy recovery. I would like to thank Steve for making the effort to serve OCIPUG under most difficult circumstances. ■

# ABCs of the BBS

Bob Oetke

## SIGS and the BBS

Those of you who have the time and interest to attend the many SIG meetings offered by OCIPUG invariably do so with the idea of learning more and more about the specific topic of interest to you. Although I have not attended all of the SIGs, I have made it to quite a few.

In every case, one of the most important functions is the Random Access. That is the time to clear up all those little problems that have been bugging you, and get some good, solid advice from a real expert. Quite a bit of SIG time is taken up in this way, and it seems to be appreciated by all.

And all of us learn a lot just from the questions and answers of others. We now have twenty-one functioning SIGs, and more can be added as needed.

With sufficient support from the SIG Leaders and members, this BBS can offer a continuing Random Access function. We can set up a Conference area to deal with specific programs and functions. Many of the current SIGs are supporting, and supported by, these BBS areas. Why not get on line to your Leader or to others in the group and ask your questions, or submit your own helpful observations? Let's take advantage of the broad communication opportunities offered by your BBS. You will have the full support of the BBS Forum.

A couple of the more active SIG-BBS combinations are GeoWorks and Genealogy. Both of those have a lot of BBS traffic, and everyone

appears to be making good use of them.

In Genealogy, for example, the Guru is Stan Sabin (who is only out-done, in her quiet way, by Joy Sabin). Both are true masters of the PAF (Personal Ancestral File) software, and willingly guide us through the intricacies and shortcuts. PAF is not shareware, so is not available on the BBS, but the purchase price is so nominal (less than \$40) that it is less costly than many shareware registrations. Once you have that program, there are many other utilities on the BBS that are specifically designed to work closely with PAF. These are constantly being expanded and upgraded, and we do our best to keep the latest versions available. Of course, there are other genealogy programs available for your use, if you wish.

GeoWorks is our newest SIG and BBS Conference. What a program! The Guru is our hardware genius, Bob Basaraba. Bob is a regular and frequent visitor to the BBS, and I am sure that your questions will be dealt with promptly and competently. If Windows 3.0 is any guideline, we can expect a true flood of GeoWorks utility programs over the next few months. With the help and support of all GeoWorks users, the important programs will make their way to the BBS, and will be available for the enjoyment of all. If you come across a particularly interesting and useful utility, how about writing a brief evaluation for your fellow members? The comments, observa-

tions, and experiences of others are invaluable when dealing with a new program group.

Of course, we are all interested in DOS, aren't we? We have some real masters of the famous Operating System in OCIPUG, but I'll bet there is no single person who really KNOWS much more than half of DOS. With 5.0 on the way, we will all need to exchange some advice and counsel before long. Try the DOS SIG, and its related BBS area. Ask those pesky little questions before they become big problems.

Crank up those modems, folks, and come aboard.

## NEW ON THE BBS

Seventy-eight new files were available for downloading during the month of April. We have had the usual and expected updates and upgrades of the McAfee VIRUS-CAN programs, ArcMaster, SHEZ, Zmodem, and LIST. This bunch is always worth the download time!

PKLTE105.ZIP is a Phil Katz executable file compressor. Install this one, and you can run many of your EXE files from the compressed form. If you are short of hard disk space, maybe this will give you more breathing room.

PRODHP13.ZIP is reported to be an excellent Prodigy utility that allows functions not possible from Prodigy alone.

T-B-1-6.ZIP is a tree-based financial package. The context-sensitive help function almost makes the manual unnecessary.

That's all for now. See you on the BBS. ■

# EXCEL 3.0

Herb Huey

In January, I received a phone call from a Microsoft rep while at work. I got to participate in a phone survey inquiring as to my knowledge of Microsoft productivity products for the IBM, our current choices of productivity products, and an estimate of the number of people I can influence in their software decisions.

Two weeks later, I found to my surprise that I was chosen as a Microsoft software reviewer. I was given a choice of Microsoft Word for Windows 1.1 or the new EXCEL 3.0 spreadsheet for Windows. I choose EXCEL 3.0 for my review.

Introduced in January 1991, EXCEL 3.0 is the first significant upgrade since EXCEL's debut in 1987. I received my EXCEL package in February. The first thing that one notices upon opening the package is the usual copious amounts of documentation. It was a bit intimidating at first. EXCEL is installed under Windows and requires 3.5 MB of disk space if you load in all its options. I have used EXCEL 2.1 at work before so that when I fired up EXCEL 3.0 it looked a lot like Excel 2.1 at first, an elegant spreadsheet with pull down menus. But wait—a new addition is the Toolbar along the top. With the Toolbar, there are icons that let you quickly bypass the menus to perform certain common tasks. For example, in the built-in tutorial, if you want to place a title in Bold Italics, click and drag the cells that the title is in, click the "B" icon, and then the "Italics"

icon, and voila, instant bold italics! Other icons allow you to quickly align text/data, create charts directly on the spreadsheet, do autosumming, create boxes or other line drawing shapes, or make outlines.

Excel old-timers will like the feel of Excel 3.0 as it is a smoother running spreadsheet; beginners will love it's

ease of use and its built-in tutorials and help menus. Excel 3.0 has really tried to please Lotus 123 dogs like myself by providing lots of help. First, upon installation Excel provides an option of Lotus 123 help menus. When you pull down this menu, you can select a 123 function, and the equivalent Excel equivalent is shown. Very slick! Excel also provides import/export capabilities with Lotus 123 via the WKS, WK1, and WK3 file formats. The translation has been near perfect in my test cases. Excel also provides a Macro Translation Assistant to ease in the translation of Macros. It flags you when it has any problems in converting any statements in your macro.

Installation is easy on your hard disk. Microsoft provides Excel, like many of its current products, in both 3 1/2 and 5 1/4 formats. Start windows and make Program Manager the active window. Next, insert the Excel Setup disk. Microsoft for some reason, tells you to insert the disk in drive A. Well, maybe your favorite format is not in drive A. Not to worry, I found that the B drive is ok. Pull down the File Menu in Program

Manager, click on the Run command, type A:SETUP (or B:SETUP), and press the ENTER key. Installation is just as easy as for windows. You are prompted for the remaining Excel disks.

When you boot up Excel, you start with a blank spreadsheet called Sheet1. You can start work here and save with a new filename or you can pull down File Menu and load in a stored spreadsheet. Commands are, in general, backwards from Lotus 123—but are intuitively better. In Excel, you first click and drag the affected cells, then you perform the operations directly on these cells. The Lotus sequence can get awkward at times. For example, Excel allows you to perform the same operation in discontinuous cell ranges. Let's say that you wish to perform an operation on cells A1 to D3, F4 to G7, and also A9 to G13. With Lotus 123 you must first choose your operation, then select the range which means you must perform this sequence three times. With Excel all you need to do is click and drag cells A1 to D3, press the CONTROL key while you click and drag F4 to G7, the same for cells A9 to G13, and then your operation. Creating formulas in Excel is easy with a large library of 146 varied functions that will please the businessman, accountant, or even the scientist/engineer.

## SPREADSHEET OUTLINING

One of the most exciting new features in Excel is spreadsheet outlining. Most of us are familiar with this concept from school days writing term papers or by using word processing programs. Microsoft has now brought this concept to spreadsheets and its an idea that was long overdue! With

*"One of the most exciting new features in Excel is spreadsheet outlining."*

spreadsheet outlining, you can design your worksheet models to easily hide or show underlying details, depending on what it is you wish to emphasize. It's easy to create a report that shows only top level details for your upper management and then a more detailed report for your co-workers. Excel allows you to create an outline automatically or manually. When you outline a worksheet automatically, Excel prompts you with a Dialog box asking whether to outline across or down (or both) the worksheet and whether to set an automatic style for your outlined rows and columns. When you click on CREATE, Excel automatically examines the portions of the worksheet that you want outlined looking for formulas and other features that you'd probably include in an outline. Excel then builds the outline and presents the bottom line in Boldface type.

In manual mode, you'll use the right/left arrow icons on the Toolbar to either promote/demote rows or columns in your worksheet. Excel accepts up to eight outlining levels. In either mode, hidden cells are still "live" and can be referenced elsewhere or linked to live charts.

### PRESENTATION FEATURES

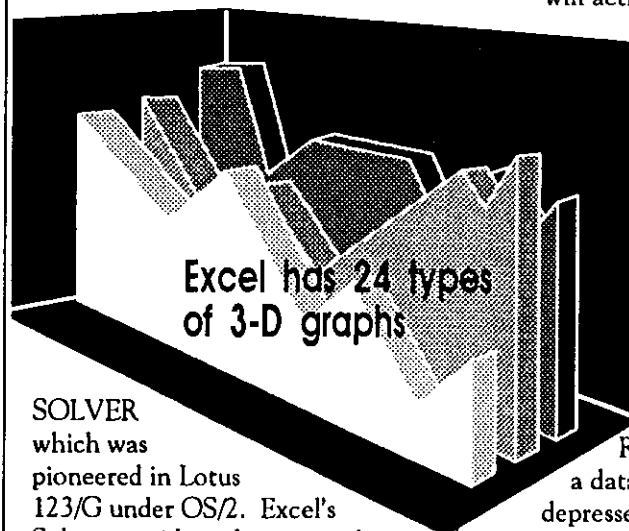
Excel is tops in presentation features. It was Excel that pioneered the use of selectable fonts, type sizes, pattern fills, borders, and shading at the cell level and along with PRINT REVIEW you can control the look of your presentation. Besides the bold and italics icons on the Toolbar, the text box feature allows you to quickly place boxes anywhere on the worksheet for explanatory text or annotation. With style sheets you can define separate styles for titles, headings, and explanatory text. The Toolbar also has icons for placing lines, arcs, ovals, and rectangles that you can manipulate.

Graphs can easily be created

directly on the spreadsheet. Fans of 3-D graphs will be glad to know that there are 24 types of 3-D graphs alone. Once you have created a 3-D chart you can change its perspective by tilting and rotating the graph by clicking the appropriate buttons. Of course a full range of 2-D charts are available such as column and bar charts, line and high/low charts, area, and pie charts. Charts can be easily mixed and a full range of formatting commands are available. The features previously mentioned such as fonts, drawing tools, and boxes are all available for your use. It is hard to imagine a charting format that is not available in Excel.

### SOLVER

Excel provides a powerful tool for mathematical analysis called



### SOLVER

which was pioneered in Lotus 123/G under OS/2. Excel's Solver provides solutions to those problems that require linear algebra (so you say you skipped that course in college). These are problems in optimization for you folks whose math stopped in high school. Solver can solve the type of problems such as "What should my product price be in order to maximize the company's profit?" or how about "What is the appropriate mix of products, and its costs, that will maximize the company's profit based upon a fixed level of expenditure?" In order to solve your problem, Solver

asks you to identify three types of values in your model; 1) identify those cells whose values are adjustable; 2) identify constraint cells (i.e., cells that must fall within certain limits); and 3) select a cell that will receive the optimized solution. After doing this click the "Solve" button and Excel does all the complex math to solve your problem (and you said you were no good in math)!

### NEW MACRO CAPABILITIES

Excel 3.0 is 100 percent compatible with previous versions. Excel 3.0 also adds new commands that allow you to duplicate in a macro, everything that you could possibly do at the keyboard. A very useful new feature in Excel is the ability to make "hot" buttons on a worksheet that when pressed will activate a macro that you

have written. The button and macro remain attached to the worksheet when you save it, so that you can place a user-friendly interface on a complex spreadsheet. For instance, you can place a button "Input New

Records" that uncovers a data entry screen when depressed or let's say a button for "Print Graphs" or one for "Print Monthly Report". If you design worksheets to be used by many people you'll love this feature.

### DATABASE FEATURES

As you well know Microsoft does not have a full featured database program like Dbase III/IV or Paradox unless you use SQL Server. While Excel 3.0 database features are as good as that in Lotus 123, Microsoft has decided to bundle the Q&E database editor which permits you to access external database files by a number of

popular database formats into your spreadsheet. Q&E works so well with Excel that they seem to be the same product. Q&E allows you to open and close the database files and manipulate the data. If you copy the data into Excel you can maintain remote links with these files through Dynamic Data Exchange (DDE) and Q&E so that the data is updated automatically whenever the database information changes. Excel is one of the first products to support DDE which is Microsoft's vision for linking different applications under Windows for up-to-date data exchange.

### LINKING AND CONSOLIDATION

Dynamic links can also be created between worksheets. A big advantage to using this concept is that you can build smaller, less complex worksheet models instead of creating massive worksheets. This is great for building a Master worksheet that draws upon the relevant data from individual department worksheets. When an individual department makes a change in their spreadsheet, the results are automatically reflected in the Master worksheet. Besides, being sure that any new data entries are reflected in all relevant worksheets, linked worksheets saves on recalculation time and memory.

You can establish links between worksheets in two basic ways. You can build an external reference formula yourself (by using the File Menu's Paste Link command) or use the automatic consolidation feature. This feature is similar to Lotus 123's consolidation concept but takes it a step further. You can consolidate a series of identical spreadsheets (where all cells contain the same type of data) by position. This is the concept that was started in Lotus 123 Release 3.0. Another consolidation method is by category. Suppose

you have a series of spreadsheets that are similar but have different categories. You might wish to get the totals for each category separately. If cell B2 contains bolts from Sheet 1 and nails from Sheet 2, you would hardly want to combine the results for cell B2. Instead, if you performed a consolidation based on the category names "bolts" and "nails," Excel will understand that these are two different categories and total them separately.

### CONCLUSIONS

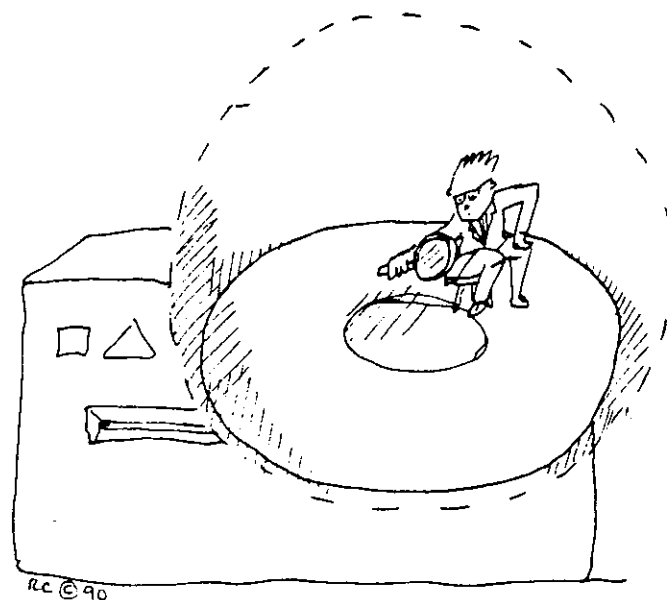
Well, should you get Excel 3.0? For beginners and Excel users of older versions, the answer is an unqualified yes. Excel 3.0 works great in the Windows environment and offers many new features over Excel 2.1. Also, it supports DDE and thus can work with many different applications that also support DDE.

What about Lotus users? First of all, before I answer that question, Lotus plans to have Lotus 123

for Windows released this summer. It is supposed to have most of Excel's goodies. But, do you remember Lotus releasing separate products for 386 machines (Release 3.0) and Release 2.2 for lesser machines nearly two years after their original announcement? Do you remember that each version had desirable features that were not present in the other version? I'm personally weary of Lotus not meeting its deadlines and also finding out that the hype wasn't worth it. As a matter of fact, I keep using Release 1A at home because it is faster than Release 3.1! Perhaps Lotus will come through this time and deliver an outstanding product. As for me, Excel is a solid hit. However, you just can't make a clean break after using Lotus 123 for 10 years. However, with Excel's built-in Lotus 123 help menus and the export/import capabilities with Lotus files, I am successfully weaning myself away from Lotus 123. ■

### COMPUTIMES by Rac Hark

How computers read disks.



"It's either a zero or an O ... aw, heck ... I can never tell those two apart."

# ShortTAKES

David Black

## On the Windows Front . . .

Windows 3.1 still looms on the horizon, and should be released any quarter now. Hopefully it will bring with it the long promised TrueType page description language with a unified output standard for all printers.

Some of the best new software for Windows include Borland's excellent programming languages. One of these new products is Turbo Pascal for Windows. This software will give a whole new life to Pascal, and finally bring a low-cost Windows development system to market. One of the major problems with Windows 3.0 is the availability of HiRes drivers for SuperVGA cards. While they are available, the most useful mode of all, 800x600x256 remains just too slow to use on a regular basis. Hopefully this will improve as newer, faster, cheaper chipsets hit the market, pushing the price further down.

## AfterDark for Windows

At the March General Meeting, a new screen saver for Windows, Intermission, was one of several Windows utilities demonstrated. Briefly mentioned also was Berkley Systems AfterDark. I was sent a copy a few weeks ago, and like it better than anything else I have seen so far. It's strengths lie in the variety of the 36 modules included in the package. My personal favorite is the classic Flying Toasters that have become the trademark of this package. There are adjustments for delay, hotspots to enable/disable the program, and various preferences for each of the modules. Overall, the best screen

saver I have seen yet.

## Grammatik for Windows 2.0

This new release marks a new overhaul of the complete Grammatik line for all versions. The latest Windows version is certainly more useful than version 1.0, and still remains the only Windows grammar checking package I have seen. The interface has been overhauled with an addition of larger dictionaries for both spelling and grammar. Unfortunately the one characteristic of this program that has not changed is it's speed. It still runs about as slow as previous versions, taking 2 minutes to proofread a 150 sentence document. Another trademark of version 2.0 is the included macros for Ami and Word for Windows to jump directly into Grammatik from the program's menus. While handy, the slowness of this program still makes this a mediocre package. While certainly not the best proofreading package on the market, Grammatik remains the only version available for Windows. It's slow speed and still awkward interface make it only useful if you want it to be. On a scale of 1-10, Grammatik for Windows 2.0 ranks an extremely average 4.

## In the DOS Realm . . .

Well, MS-DOS 5.0 is so close to market, that you can almost smell the cellophane. Microsoft has said in the past that it will retail the software itself, so finally we may get some real service and support for plunking down our hard earned cash. At the current moment, June is the official release date, but we shall see what happens.

## The Graphics Workshop 5.1

Some of you may already know about this fantastic piece of Shareware, but then again, probably most don't. The Graphics Workshop is a graphics format conversion / image processing package. It will view almost any image file, translate file formats, rotate, and dither images. The registration for this package is either \$35, or the purchase of a book by someone closely associated with the author of the software. Buy the book, it's much cheaper, and gets you some interesting reading material. This software is highly recommended for anyone doing anything with graphics, and will initially cost you only the time to download it. 5.1 is the latest version that I know of, although a more recent version may already be out. Call the Leo Electronics BBS (more on this later) to find the latest version.

## Hardware . . .

Well, the big news is that Intel has finally released it's 80486sx chip. This is an 80486 without the internal math chip. The initial model runs at 20 mhz, but outperforms 33 mhz 80386 machines. This means lower system prices for higher performance machines. This is only the first blow in Intel's campaign to kill the 80386, like it did the 80286, because of competition in that market from companies like AMD. Actually AMD is now shipping a 40 mhz version of its 80386 clone, and it's already being sold in a machine built by a previously unknown clone company.

...continued on page 8

Saturday June 29th, 1991 - 9:00 AM to Noon

Steve Gibson

New Product from Microsoft

AST 386 Executive Notebook Computer

Bret Berg, AST Corporation

Kris Jamsa

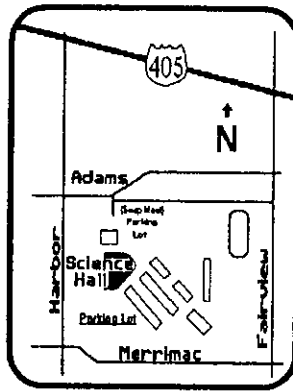
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⇒ 8:40 to 9:00 AM - Random Access!

**GENERAL MEETING**

**MEETING LOCATIONS**

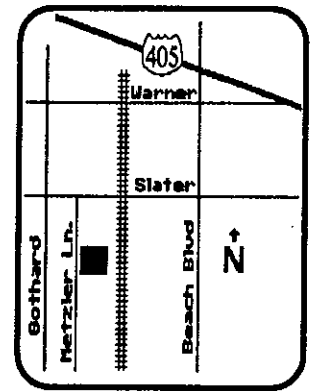
Orange Coast College  
Costa Mesa  
2701 Fairview Rd.  
General Meeting:  
Science Hall (next to  
Chemistry Bldg.)  
Parking in campus lots  
available off Adams or  
Merrimac.



SIG Space

Huntington Beach  
17632 Metzler  
Lane, Suite 211

SIG Meetings:  
Take elevator to 2nd  
floor.  
Parking in lot or on  
street



**MEMBERSHIP INFORMATION**

Orange Coast IBM PC User Group (OCIPUG) was formed in 1985, and has become one of the largest and most respected User Groups in the country.

OCIPUG, a non-profit corporation, is an all-volunteer organization which provides PC enthusiasts with an opportunity to gain knowledge and gives assistance to those who need it.

Membership includes:

- ✓ subscription to *README.DOC*, the monthly newsletter published by OCIPUG
- ✓ discounts on Public Domain, Shareware and User Supported software
- ✓ access to the OCIPUG RBBS private telephone line
- ✓ eligibility for monthly raffle at General Meeting

If you would like to become an OCIPUG member please call 714/843-2048 and request an application for membership, or write: OCIPUG, PO Box 6100-211, Costa Mesa, CA 92628-6100.

OCIPUG SIG GUIDE camera ready copy produced with: Microsoft Windows 3.0, Aldus PageMaker 4.0 Corel Draw! 2.0 & Paintbrush using an HP LaserJet III with Pacific Data Product's PacificPage 4.0 & PacificType PostScript-compatible cartridges, including Bitstream & Adobe fonts. Graphic illustrations by Richard Villa, Steve Burnside, & David Carroll.

Keeper of the Calendar: Richard Villa - 714/841-6991 - Deadline for July Calendar: Friday June 14th

## NEW USER/NEW MEMBER

1ST SAT

SIG Leader: John Lunsford 714/995-0947

This is the best SIG to attend first. The meetings run on a 4-month cycle and this month is number THREE in the cycle. You may start at any point in the cycle.

## OS/2

2ND SAT

SIG Leader: Dave Lorenzini 714/496-3050

Come learn about what OS/2 is all about and what this new operating system can do for you. Check the HOT-LINE for the topic for June.

## PERSONAL FINANCE

4TH TUE

SIG Leader: Max Lockie 714/644-0103

This SIG discusses the various financial packages for the PC. At the June meeting a representative of Tree Based Financial Software will demo this product.

## PROGRAMMING

2ND SAT

SIG Leader: Wendy Sarrett 714/733-9906

This SIG covers various aspects of programming and programming languages. In June, we will talk about Windows programming.

## Q & A

3RD SAT

SIG Leader: Terry Currier 714/774-2018

Come and learn about this popular database and word processing program. At the June meeting we will discuss import and export of data into and out of Q&A.

## REAL ESTATE

LAST TUE

Contact Person: Jim Dickerson 714/960-9691

Contact Person: Tom Sutro 714/754-7045

Jointly sponsored by OCIPUG and several local Boards of Realtors, this is one of our largest SIGs. Come for coffee at 7:30 AM.

Newport Harbor - Costa Mesa Board of Realtors Boardatorium, 401 North Newport Blvd., Newport Beach.

## SPREADSHEET

1ST TUE

SIG Leader: John Alesi 714/770-1130

Designated Guru: Neil Carman 714/964-1901

This group covers Lotus 123 and other popular spreadsheet programs, including shareware products, for both beginners and advanced users. Check the HOT-LINE for the topic for June.

## WINDOWS 3

1ST WED

SIG Leader: Richard Villa 714/841-6991

Asst. SIG Leader: Steve Burnside 714/722-0327

This SIG covers software for Microsoft Windows 3.0 during the first half, and specializes in PageMaker 4.0 and other advanced topics in the last half. At the June meeting it's back to basics as we look at the installation and setup of Windows 3.0 and Adobe Type Manager, and discussion of the WIN.INI file. Please bring your questions!

## WORD

4TH MON

SIG Leader: Winston Jewson 714/544-4330

Microsoft Contact: Dave Lorenzini 714/496-3050

Microsoft Word 5.5 is a powerful and popular word processing package. Stumped on how to get desired results with WORD? Let's rap together. In addition, we'll talk about how to use WORD features (1) finding, marking and changing text; (2) searching, replacing formats, and using bookmarks; and (3) numbering and cross references.

## WORDPERFECT

2ND MON

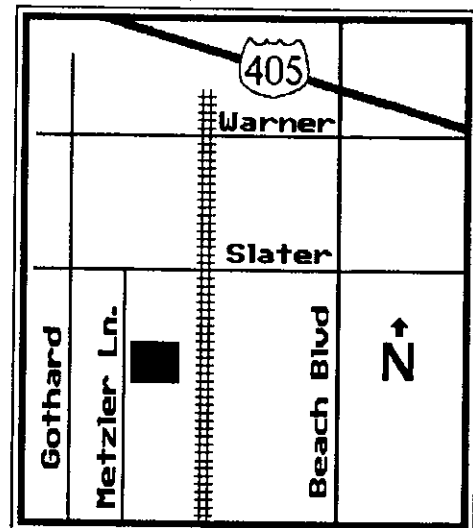
SIG Leader: Susan Novak 213/594-4144

W-213/491-3081

Contact Person: Ben Swanson 213/865-4555

Come and learn about this popular word processing package. At the June meeting we will discuss the basics of macro language in WordPerfect 5.1.

SIG SPACE



17632 Metzler Lane, Suite 211  
Huntington Beach

**ATTEND A SIG MEETING THIS MONTH - FIND OUT WHAT'S HOT!**

## BEGINNERS

Co-SIG Leader: Terry Currier 714/774-2018  
 This SIG will teach the very basics of computers. If you're new to computing, come and learn!

## BBS

SIG Leader: Bob Ottke 714/759-1515  
 Monthly work party on the BBS. Meet in office area of SIG SPACE.

## CAD/GRAPHICS

SIG Leader: David Carroll 714/775-3130  
 Designated Guru: Dave Lorenzini 714/496-3050  
 This SIG covers hardware and software products in both computer aided design and graphics. At the June meeting we will demonstrate the latest version of Harvard Graphics as well as Harvard GeoGraphics. These are the top selling business presentation graphics programs. The presentation will be for both new and experienced users.

## COREL DRAW/VENTURA

SIG Leader: Steve Burnside 714/722-0327  
 Asst. SIG Leader: Sunny Lockie 714/644-0103  
 This SIG will cover intermediate and advanced topics relating to both *Ventura Publisher* and *Corel DRAW!* At the June meeting we will look at Corel's Extrude function. Please come with your questions. Meeting starts at 6:30 PM.

Graphix Zone, 38 Corporate Park, Irvine - Near Jamboree & Alton Pkwy.

## DATABASE

SIG Leader: Bob Schmiedeke 714/536-1178  
 This SIG discusses various database programs, specializing in *dBASE*. Check the HOT-LINE for the topic for June.

## DOS and LANGUAGES

SIG Leader: Joe Zebrowski 714/545-0889  
 Designated Guru: John Goodman 714/895-3195  
 Come to this group to learn more about how your PC works and how to get it to do what you want. This SIG is about the program you use everyday: DOS. Also about languages (e.g. BASIC) & other system issues. At the June meeting Frank Martin of STAC Electronics will demo STACKER hardware and software.

## 3RD SAT

## 3RD TUE

## 2ND THU

## 3RD THU

## 2ND TUE

## 1ST SAT

## GAMES

SIG Leader: Manny Rothstein 714/960-7436  
 New SIG! Check the HOT-LINE for the topic for the June meeting.

## GENEALOGY

SIG Leader: Stan Sabin 714/968-7307  
 For beginners to experts. If you know a little about Genealogy or a lot this SIG is for you. At the June meeting we will learn about finding and correcting data errors and utilizing shareware utilities. Please bring your questions. Everyone welcome!

## GEOWORKS

SIG Leader: Bob Basaraba 714/559-6539  
 NEW SIG! This SIG covers the new product *GeoWorks Ensemble*. At the June meeting we will show more of America On Line (AOL) and GeoWrite.

## HARDWARE

SIG Leader: Bob Basaraba 714/559-6539  
 This SIG is one of the most popular, judging by the strong attendance. The topic for June is memory and/or BIOS.

## INVESTORS

SIG Leader: Joe Farber 714/642-6993  
 Explore the world of computer-aided investing. Demonstrations of software for stock market investments, and open-ended discussions of the state of the market are presented at each meeting.

## MODEM

SIG Leader: Bob Ottke 714/759-1515  
 Designated Guru: Rich Sabin 714/965-6734  
 Reach out and access the whole world of information through telecommunications. Check the HOT-LINE for the topic for June. Come and random access with us.

## 2ND WED

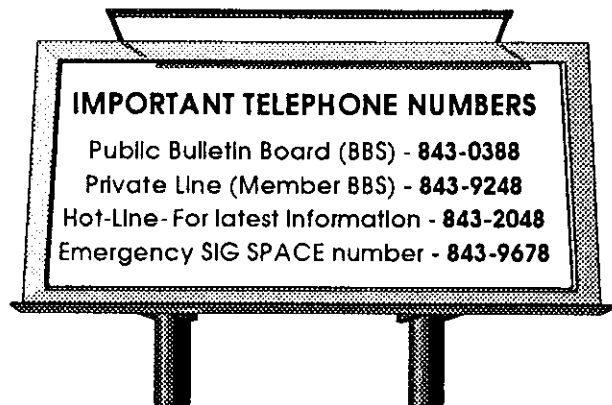
## 3RD MON

## 4TH FRI

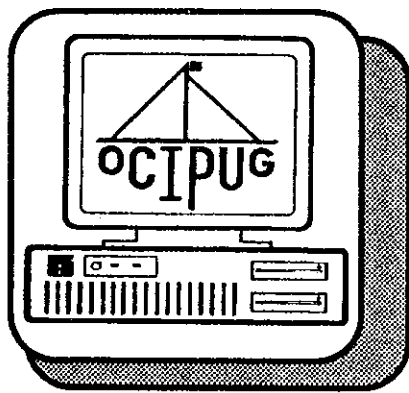
## 4TH THU

## 3RD WED

## 1ST THU



**ATTEND A SIG MEETING THIS MONTH - FIND OUT WHAT'S HOT!**



# Orange Coast IBM PC User Group SIG GUIDE

A Calendar of Meetings & Events  
published by Richard Villa & Sunny Lockie

For more information on membership, write to OCIPUG at PO Box 6100-211,  
Costa Mesa, CA 92628. Call Voice - 714/843-2048 or BBS - 714/843-0388

	SUN	MON	TUE	WED	THU	FRI	SAT
<b>MAY</b>	26	27	Real Estate 8 AM Personal Finance	29 OCIPUG Board Meeting 6:30 PM	30	31	1 New Users 9 AM DOS 1 PM
	2	3	4 Spreadsheet	5 Windows 3	6 Modem	7	8 Programming 9 AM OS/2 1:15 PM
<b>JUNE</b>	9	10 Word Perfect	11 Database	12 Games Program Committee	13 CAD/ Graphics	14	15 Beginners 9 AM Q & A 1 PM
	16	17 Genealogy	18 BBS	19 Investors	20 Corel Draw 6:30 PM @ Graphix Zone	21	22
	23/30	24 MS Word	25 Real Estate 8 AM	26	27 Hardware	28 Geo- Works	29 9AM - OCIPUG General Meeting O.C.C. Science Hall

All Special Interest Groups (SIGs) are held from 7 PM to 10 PM at our SIG SPACE,  
located at 17632 Metzler Lane, Suite 211, Huntington Beach unless otherwise listed.

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Another landmark product almost on the market is the new Hewlett Packard LaserJet IIP. This long-awaited upgrade of the best-selling IIP, includes PCL-5 scalable fonts, Resolution Enhancement, and hopefully a faster system board. The LaserJet III is a great printer, but it is a monster, weighing in at over 60 pounds, and taking up almost half a desk. However, the smaller Cannon SX engine used in the IIP and IIP make it ideal for home use. The footprint is about half of that of the LaserJet III, and it weighs in at only 25 pounds. In my opinion, the best value in a laser printer on the market at this time. Also look for a new PostScript Level 2 cartridge to be released soon by HP.

#### ATI Technologies Video Card Upgrades

Do you own an ATI Video Card? Or maybe you own an OEM card with an ATI chipset. If you have a card like this, you may be able to get a low-cost upgrade to ATI's latest and greatest VGA-Wonder yet, the VGAWonder+ 1 meg. ATI is now offering an upgrade program to anyone with an ATI video card, to get the new VGAWonder+ at a low price.

To upgrade the VGA Wonder to a new card with 512K (upgradeable to 1 meg), a mouse port, and a 400 dpi mouse, all I have to pay is \$138.00. To upgrade a VIP card to a new card with 256K and a mouse, you only pay \$148.00, or \$178.00 for a card with 512K RAM. The bulletin as posted on the ATI BBS lists the following cards as being upgradeable: EGA Wonder, EGA Wonder 800, EGA Wonder 800+, VGA Basic 16, VGA Wonder 16, VGA Wonder+ (non 1 meg version). Call the ATI Technical Support Line for more info and pricing on all cards. This offer also applies to the OEM version of any of the above. Once again, call to verify if your card is in fact upgradeable,

and what the pricing is. The mouse costs \$19 additional to the price, and can be ordered when you order the card. For your money you get a brand new card with all manuals and software diskettes. And you will need the serial number from your video card in order to get the upgrade offer. This great offer is almost too good to pass up, and shows ATI's commitment to it's customers. Also watch for more info on this offer on the BBS.

#### The Quantum Pro-Drive Series

About a month ago, I finally saved enough cash to give my system a badly needed upgrade. Included in what I purchased were a new 25 Mhz 80386 motherboard, 8 megs of RAM, and a new 100 meg IDE hard drive. What I would really like to discuss is the hard drive I purchased, the Quantum ProDrive LPS 105AT. Actually, I bought this drive with the Plus Developments name on the cover from Software Warehouse.

This is a high-speed 3.5" drive, 1" tall, with a 17 ms access time and Quantum's proprietary Discache system that dramatically speeds operation of the drive. This drive is only a part of Quantum's entirely new line of hard drives, with capacities ranging from 40 megabytes all the way to a 200 megabyte model, still with a 3.5" form factor. These drives are also available with either an IDE or SCSI interface, and are a very high quality, but low cost storage solution. I bought the IDE version, adding a 16-bit controller card for a very high performance subsystem.

As for where to buy these drives, many companies are now selling them. For the most part, I do not like to buy from mail order firms with so many local shops carrying the same item for the same price, or slightly more with tax. Software Warehouse (now CompUSA) sells these drives under the Plus name, but these repackaged models are very overpriced. The best local deal

I have found comes from LukeSun Enterprises. A local clone shop in Irvine, you can get the 105 meg model I bought for around \$450. There is a mail order house in the Computer Shopper that is selling these drives at a lower cost, but the company itself is questionable, and mail order makes technical support, returns, and repairs a major hassle. On a scale of 1-10, with 10 being best, the new Quantum Pro-Drive series of hard drives gets an 11+.

#### Shopping in the County . . .

Above I mentioned Leo Electronics. I have yet to find a better source for memory anywhere in the country. They sell memory at market prices, and will be happy to give you a price quote if you give them a call. Some tips for ordering: Use a credit card when you call to order, and your memory will be delivered via UPS in just a few days. For my latest purchase of 4-1 Meg SIMMs, I called on Monday morning, and my memory was delivered the following Wednesday. The BBS that the company operates is also very valuable. You can call and get a rough estimate on what memory is going for, and also find a large file section with many useful files. Their address and phone are listed at the end of this article.

In South Orange County, there resides a plethora of small, hole-in-the-wall clone shops. Many of these are good, reputable stores, while some others are simply fly-by-night operations; here one day, and gone the next. One of the best stores I have found is LukeSun Enterprises in the Irvine area, across the freeway from the John Wayne Airport.

I have known Luke, the proprietor of this store, for about 5 years now, even before he owned his own shop, working at another store across the street. He has good prices, will give you good service, and will try and help you out

...continued on page 9

...continued from page 8

any way he can. This is an excellent place to buy such things as motherboards, hard drives, monitors, and miscellaneous cards and accessories. The advantage of buying at this kind of a store are low prices and a staff with vast technical knowledgeable. For instance, recently I purchased a brand new 16 bit IDE Hard Disk/Floppy Disk controller card for only \$25 with cables included.

LukeSun Enterprises is open weekdays, 8 a.m. to 7 p.m., but special arrangements can be made to stop by on a weekend. No credit cards are accepted as of this time, but this may change within the next year. Also, mention you are a member of OCIPUG for excellent service.

#### **A Few Final Notes . . .**

OK, for the record, I do not get any kind of reward for mentioning products/stores in this column. I mention them only to pass on information I have found in the past in dealing with companies and using hardware/software. My name and number is on the roles of the OCIPUG Support Group, so feel free to give me a call for some help. You can also E-Mail me on the BBS, and I look forward to hearing your suggestions/comments in the future.

Companies Mentioned in this Article:

LEO Electronics 22353 South Western Avenue Suite 201  
Torrance, CA 90501  
Voice number inside California (213) 212-6133  
Voice number outside California for orders only (800) 421-9565  
Fax number (213) 212-6106  
BBS Number (213) 212-7179

LukeSun Enterprises 17885 Skypark Circle #A Irvine, CA 92714 (714) 833-7565  
(714) 833-7566

ATI Technical Support  
(416) 756-0711  
Mon, Wed-Fri 9am-5:30pm EST  
Tues 10:30am-5:30pm EST  
ATI BBS - (416) 756-4591 ■

# MEET AND GREET OUR NEW MEMBERS...

*Terry Currier*

David Allen from Riverside is a engineer, he has a 386 with VGA, and modem (his first contact with the club was through the BBS).

Andy Broadway from Costa Mesa is a the president of a company. He has a 386 with VGA and Sony color printer. He uses CorelDraw, Arts & Letters, Microsoft Word, and WordPerfect. Joining with him is Debbie Broadway.

Tom Childers is a mortgage broker from Laguna Beach. He has a 286, Panasonic 1524 printer and uses PFS First Write.

Tony Cheng from Orange is a revenue agent. Joining with him is Joyce Cheng. They have an 8088 and use PC Tools, Norton Utilities, and WordPerfect.

Chin-Yong Chong is from Anaheim.

Steve Currier from Anaheim is a student who has a nasty habit of using his dad's computer when the dad needs it.

Joe and Julie De Carlo are from Costa Mesa.

Richard Foster from Huntington Beach is in sales. He has a 386, 286, modem, and Epson LQ510 printer. Software choices are Money Counts, dBASE, Procomm, Quattro, QDOS, WordStar, and Professional Write.

John Gillis is from Santa Ana.

Billy Hall, from Santa Ana, is retired, uses a Citizen printer, and just bought a 386. Joining with him is Katherine Ann Hall, who is a Psych Tech (I'm not going to touch that line; it's too easy), they both have NEC laptops.

Mary Klempen from Laguna Beach.

Frank McAninch from Huntington Beach is a programmer. His interest lies in robotics and machine vision.

Ross Pierce from Irvine is a software engineer. He has a 386 with a modem. Joining with him is Ann Pierce.

Emilia Pratt is from Mission Viejo.

Herb Rosner from Laguna Hills is retired and uses a 286 with VGA, and Panasonic 1124 printer.

James Rush is a consultant from Huntington Beach. He has a 286, a laser printer, and uses Microsoft Word.

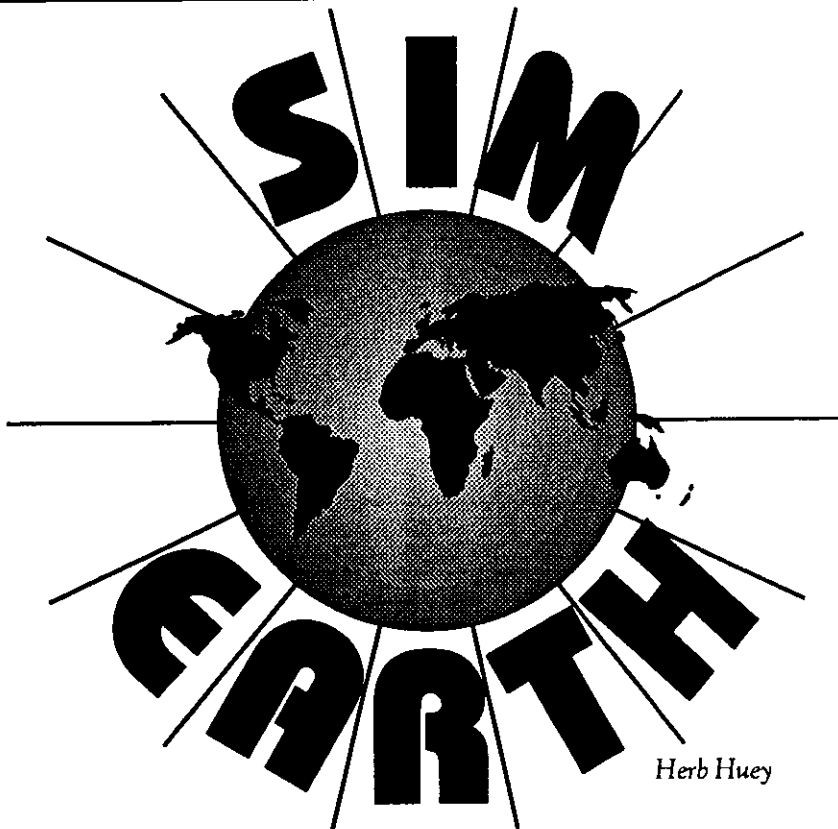
Patricia Seitsinger is an accountant from Lawndale who uses Lotus.

Muzaffar Siddiqi is from Fountain Valley. He does computer consulting, sales and repair.

Dennis Walz from Costa Mesa is an engineering management consultant, with a 386 with VGA and a modem. He uses Money Counts, Twin, and Smartware.

Robert Weikart from Fountain Valley is a training instructor. He has a 286, and uses Quattro, PC Tools, and WordPerfect.

Terry Weiss lives in Pomona. ■



If you read my review of SimCity (Feb 90 issue of README.DOC) then you know that I have been anxiously waiting for the IBM version of SimEarth by Will Wright and Fred Haslam.

The Macintosh version has been out since December (boo, hiss!) followed by the IBM version in March. However, the initial going price at Software House (now COMP USA) was 50 bucks, which put me off. At the March ACP outdoor computer swap meet, I found SimEarth at \$42.00, which is a more reasonable price.

Upon opening the package, the first thing one notices is the thick, glossy, spiral-bound user's manual.

As explained in the introduction, SimEarth is a planet simulator. It is a game, an educational toy, and an enjoyable tool. SimEarth is based on the Gaia theory by James Lovelock, which treats an entire planet as a complex system where the planetary processes, the atmosphere, biological life, and especially civilization affect each other. When I hear and read about ozone holes, rampant pollution,

and the destruction of rain forests, I'm ready to believe in Gaia theory. Well, in SimEarth you get your chance to rectify things!

Present day Earth is included in your choice of planets which also include the Cambrian Era Earth (500 million years ago), Venus, Mars, or a random planet.

On these planets, you must first create an environment capable of sustaining life and lead the way to sentience for some species of life. Your SimEarth planets will be populated by SimEarthlings, who are cousins of the Sims who populate SimCity. SimEarthlings can range from single-celled organisms to animals and intelligent lifeforms. Intelligent SimEarthlings are not limited to humans nor mammals, but can descend from dinosaurs, birds, reptiles, or even mollusks!

In SimEarth, the rules to learn are based on managing global systems that include:

Chemical Factors: Atmospheric composition, energy management

Geological Factors: Climate, extraterrestrial collisions (meteors), continental drift, earthquakes

Biological Factors: Formation of life, food supply, biome (plant life) types and distribution

Human Factors: Civilization, war, technology, waste control, pollution, energy management

SimEarth, like SimCity, gives you the capability to create, modify, and manage a planet by:

1. Create a planet in any of four time scales
2. Physically modify the landscape of the planet
3. Set the altitude of any spot on the planet
4. Trigger events on the planet ranging from hurricanes to volcanoes to meteor strikes
5. Plant various biomes and life-forms anywhere on the planet
6. Nurture a species to sentience
7. Manage your planet by making use of the available maps and graphs.

SimEarth is definitely a complicated simulation that requires a manual that is over 200 pages. A tutorial is included and extensive help screens are provided. Take the time to do some reading, your enjoyment of this game will definitely improve when you understand the simulation rules.

Installation is straight forward on hard disk but requires 550K of ram to run. The installation guide recommends using a boot disk but there is a much better way. If you use the Reconfig program (April 1991 issue of README.DOC) you can prepare separate AUTOEXEC.BAT and CONFIG.SYS files that are recommended in the installation guide and place in the Path statement routes to the root and the Reconfig directories. Now you can type "RECONFIG SIMEARTH" and the computer will perform a warm reboot and connect to the SimEarth program. When you exit SimEarth, type "RECONFIG NORMAL" and you will go back to your normal setup.

SimEarth, like SimCity, is not directly copy protected. Instead when you execute SimEarth, you

are queried about some planetary fact which you can find in the manual's appendix. A mouse is the primary means of input. In general, you will use the mouse to select items from menus and you activate your tools by clicking on icons. The first major menu is the File menu where you can choose a new planet, load a saved planet, or click on canned planet scenarios.

The Edit window is where you can directly place life, change altitudes, and trigger events - inputs that affect the planet locally. The four model control panels affect the entire planet and thus changes the simulation itself. Every window provides output- information you need about the planet, the simulation, and the results of your manipulation. In the new planet menu, there are six canned scenarios along with a random planet choice and the famous Daisy World simulation that demonstrates the Gaia theory with various species of daisies. Each canned scenario poses a different problem in planetary management. They are:

### 1. AQUARIUM

Aquarium is a world that will never develop sentient life. Intelligent species in SimEarth requires land for fires, tools, and forges.

Problem: No continents

Your mission: Create continents for life on land

Methods: You could use the Set Altitude tool but a more creative way is to use events. The most subtle method is by manipulating the Mode Control Panels.

Hint: I set off a number of volcanoes, but watch that planetary temperature.

### 2. STAG NATION:

Civilization is stuck in the Stone Age as sentient mammals are stuck on a small island.

Problem: Population remains at the Stone Age due to isolation.

Your Mission: Move the population to larger land masses and increase the overall technology level.

Methods: You could use the

Moving tool or build a land bridge.

Hint: I set off volcanoes here also.

### 3. EARTH: THE CAMBRIAN ERA

This scenario takes place 550 million years ago. Life was just beginning on land. At this time there was only one major land mass, the supercontinent called Pangaea. Eventually, the continents as we know them will become recognizable due to continental drift.

Problem: No life on land.

Your Mission: Help life develop and see a replay of our past.

Hint: Just keep track of the planetary temperature and the simulation will take care of itself.

### 4. EARTH: MODERN DAY

You know the problems; pollution, war, famine, the greenhouse effect, energy shortages, and the nuclear threat.

Problem: Read your newspaper.

Your Mission: Solve the world's problems and lead us to an era of peace, prosperity, clean air, and plentiful energy.

Hint: The first thing to do is allocate the most energy to philosophy in the CIVILIZATION MODEL CONTROL PANEL.

Increasing the allocation to agriculture will increase the food supply. Go for it !

### 5. MARS

In the future, you are a member of a nanotech level society. You have just been put in charge of turning Mars into a hospitable planet for colonization. If you fail to complete the project within 500 years, you will be fired.

Problem: No water, a very thin atmosphere, no plants or any animals. The average planetary temperature is -53 degrees Celsius. Your Mission: Terraform Mars and make it a fit planet for human occupation, and colonize the planet.

Hints: For this scenario, the MODE CONTROL PANELS have been turned off. Use the terraformer tools available in the Place Life tool. Fire off a few ice

meteors to create oceans. Then use the CO<sub>2</sub> and O<sub>2</sub> generators to create an atmosphere. Get ocean life started and then plant biomes on land.

### 6. VENUS

Venus presents the opposite challenge to Mars. While Mars is very cold, Venus is very hot (477 degrees Celsius).

Problem: Too hot for life

Your Mission: Cool the planet down and make it a fit place for Earth life-forms.

Hints: The MODE CONTROL PANELS have been turned off. Use the terraformer tools available in the Place Life tool. Ice meteors will not work in this case as they will immediately turn into steam. To cool things you must reduce the greenhouse effect. Use the oxygenators to reduce the amount of CO<sub>2</sub> in the atmosphere. As soon as the planet cools down, start placing biomes which will also help to lower the atmospheric pressure.

The Venus scenario is a tough one. I had the Venus scenario run overnight one time but I could not get civilization out of the Stone Age. The graphics are fascinating in high resolution VGA (640 x 480 and 16 colors) especially in watching the development of the 15 classes of life, each class consisting of 16 species, for a total of 240 different species. If any class reaches the 16th level, it becomes sentient. In one scenario that I played, reptiles reached sentience first, followed by Avians (birds), and then mammals but not until I knocked off new Avian civilizations by fires and then overpopulating the area with mammals. Your ultimate aim in any case is to reach the highest form of civilization, the Nanotech Age, where civilization decides to leave the planet. This is the closest you can get to winning in SimEarth, since the remaining life-forms continue to race towards sentience.

...continued on page 18

# ZIP PLUS 4

Terry Currier

How would you like to get the mail to your customers faster and save money doing it? Well, there is a way and the Post Office has a free service that will help you do it. The service is called Address List Coding ZIP+4 and Carrier Route. I first learned of this from a magazine called "The Quick Answer," which is a publication devoted to Q&A database users. It is put out by Pinnacle Publishing Inc., and their phone number is (800) 231-1293. They also have publications directed towards dBASE, DataEase and others.



This free service will correct minor misspellings, add missing directionals and suffixes, give you the Zip+4 and Carrier Route codes, and also change all characters to upper case for increased readability by postal automation equipment. This is useful mainly if you have a bulk mail permit, but even if you just plain send out a lot of mail, it can help.

For example :

Mr & Mrs John A Sample  
Apartment 230  
505 Sunsette  
Hollywood Calif 90082

Would become:

MR & MRS JOHN A SAMPLE  
5505 W SUNSET BLVD #230  
LOS ANGELES CA 90028-8521

With this information you could not only qualify for postal discounts, but make it easier for the Post Office to sort the mail, thus getting it to its destination quicker.

The steps I will describe are for Q&A users, but just apply the essentials to your database and it will

work for anyone.

To save space for this article, the steps given will be for a database which you already have set up. I will assume that as a standard you will have a database with the usual: Name, Company (or id number), Address, Street, City, State and Zip. To this you will add 3 more fields. Go to the Design menu, choose Redesign and type in the filename. Then add in these fields:

Cr-Route (5 spaces)  
Footnote (11 spaces)  
Rec Type (3 spaces)  
Then save it (F10).

The Post Office needs to have the data you give them in fixed ASCII format. ASCII stands for American Standard Code for Information Interchange. A fixed ASCII format means that the fields are limited to the number of characters or spaces given. That means if you have a fixed field of 48 and only use 12 the field will still occupy the full 48 spaces. Similarly if a name in the field is more than 48 characters then it will be cut off at 48. Also there must be a carriage return after each record, and no extraneous data between fields of data.

The format the Post Office needs is as follows;

Name	field 48	Characters
	maximum	
Company	field 48	Characters
	maximum	
Street	field 48	Characters
	maximum	
City	field 28	Characters
	maximum	
State	field 2	Characters
	maximum	
Zip	field 10	Characters
	maximum	
Cr-Route	field 7	Characters
	maximum	
Footnote	field 10	Characters
	maximum	
Rec Type	field 2	Characters
	maximum	

The company field does not have to be a company name, it can be anything to fill that field such as a badge number, or just blank spaces.

To get the fixed ASCII format, go to the opening screens of Q&A and select Utilities, then Export. You then select Fixed ASCII from the export menu. Type in the name of the database that you will be using and press enter. The next screen will be the Retrieve Spec for the database. The thing to keep in mind is that you will need to put this on a floppy disk so if you have a very large data it will need to be broken up. A 360K diskette will hold the data of about 800 address labels. If you want everything from the database press F10, or make a selection of which names, or companies you want. The next screen will be the merge spec, where you will tell Q&A which fields you want to export and the length for each field. At each of these fields put in the following information;

Name: 1,48  
Company: 49,48  
Street: 97, 48  
City: 145, 28  
State: 173, 2  
Zip: 175, 5  
Cr-Route 185,7  
Footnote: 192,10  
Rec Type: 202,2

The first number is the column number that Q&A will start putting the fixed ASCII data at, the second number tells Q&A how much space that field will take.

To get the Zip+4 service, call Lucille Lowe at the Santa Ana field office at (714) 662-6221 for an application. Be sure when you send it in to include one blank, formatted diskette for each file submitted for them to put the finished product on.

When you get the diskette back from the Post Office I recommend you make a copy of the file just in case anything goes wrong (Murphy's Law). Do it in DOS such as COPY ADDRESS.DTF ADDRESS2.DTF

...continued on page 14

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...continued from page 12

Keep the backup file until you're sure you don't need it anymore. Then, using the Q&A copy command make a copy of the file (F for File and C for Copy). Type in the name of your address database and press enter. Then tell Q&A you want to copy the design only (D). Q&A will then prompt you to give the new file a name. Go ahead and do that, such as ADDRESS3 (yes, I know that will make you actually have 3 copies).

Now to get the Post Office information back into Q&A, select Utilities from the main menu, then Import, and Fixed ASCII.

Press home and put in A: (assuming that the disk is in the A: drive) and press enter. Highlight the filename on the disk and press enter. The Merge Spec screen will appear. Put in the information the same way as above (in the Name field put 1,48 etc). This will tell

Q&A where to put the information from the file. After you have verified that all the information is in the correct place, delete the original file and rename the corrected address file to the original name.

If you do have more information in the database then just the addresses, you will need to either program a @XLOOKUP, or do a mass update using @XLOOKUP to put it in. Obviously, if you only have addresses it will be much easier to do this since it will take more time to get it all in.

If you do a search on the footnote field you will see different codes. You will get a print out of the file you sent showing how many errors were found. Most of the codes I found were where it changed directions and abbreviated. Examples of this are West Anaheim Street became W ANAHEIM ST, and P.O. Box 900 became PO BOX 900. It also

showed me when a apartment number was missing, or address not found.

When you make out the mailing label put the Cr-Route information in the upper right hand corner. Look at the address label of the README.DOC for an example. The ZIP+4 will not work on anything other than regular size business envelopes, since the Post Office machines are not set up for magazines. So you won't get a discount using it for them, but using the Cr-Route will, and get it there sooner. My thanks to Sharon Rausadt for informing me as to the correct location of the Cr-Route codes, and Lucille Lowe at the Santa Ana Post Office for being so helpful in correcting our database and with information about the program.

I will demonstrate how to do this at the June meeting of the Q&A SIG. ■

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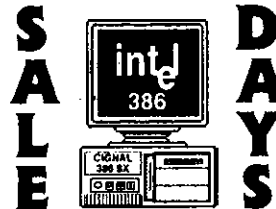
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# WordPerfect 5.1 HY-PHEN-A-TION

Susan Novak

In response to the question asked on the BBS, "Is it possible to tell WordPerfect 5.1 where to hyphenate technical words and to add those words to the dictionary?"—it is possible. Because the speller and hyphenation modules in WordPerfect 5.1 are combined, you can add words to the speller and indicate where the word is to be hyphenated if required. The SPELL.EXE allows you to add words to the dictionary in a couple of ways from the keyboard or from a file.

## Adding Words with the SPELL.EXE

To add words from a file do the following: 1) create a Wordperfect document which lists all the words (one word per line please) you would like added to WordPerfect's speller (I used my own supplemental file "WP{WP}US.SUP)." Because WordPerfect's dictionary (WP{W}US.LEX) is also used to determine where words are hyphenated, insert dashes in the words where you would like WordPerfect to hyphenate if required. 2) Save the file as a WordPerfect file. 3) Go to DOS and change to the directory where WordPerfect is located and type SPELL. (If you did not load the utility files you must run the install program first.) If you receive the prompt "Create a new dictionary named WP{WP}US.LEX," answer N and insert the correct drive, path and file name where the .LEX file is located. Once this is done the main menu for the spell utility is displayed. Choose option 2 to add words. A submenu will be displayed—Spell-Add Words. 4) To add the words to the main word list from a file choose 4. Type in the drive, path and name of the file you created at the prompt. Press 5 to add the words to the dictionary.

The process of adding words to the speller may take a few minutes depending on the speed of your computer. (Note: If the words to be added are in alphabetical order the process will be faster.) Press 0 to exit the spell utility. WordPerfect will now hyphenate the words added when required in the places where you inserted the dashes. You can now delete the file which was used because it is no longer needed.

To add words to the dictionary from the keyboard from the Spell-Add Words menu in the SPELL utility, choose option 1 or 3. Type in the first word to be added and insert dashes where you would like WordPerfect to hyphenate, if required, and press Enter. When finished adding words select option 5 to add the words and then 0 to exit the speller utility.

To use the hyphenated words that were just added above, here are a couple of hints: 1) You must turn on hyphenation in WordPerfect 5.1. Here are the steps: press Format (Shift-F8), Line (1), Hyphenation (1), Yes. Press Exit (F7) until you return to the normal editing screen. 2) Setup (Shift-F1), Environment (3), Hyphenation (6) must be set to External Dictionary/Rules. Press Exit (F7) until you return to the normal editing screen.

## Hyphenation in a Document

WordPerfect provides a variety of different types of hyphenation characters you can use when working with a document.

## Canceling the Hyphenation

If you want to cancel hyphenation for a word that is displayed with the prompt "Position Hyphen; Press ESC," press Cancel (F1) and the word will not be hyphenated, but will be wrapped to the next line. To cancel the hyphenation for a word which has already been hyphenated, position the cursor at

the beginning of the word and press Home and then type slash (/). The code in reveal codes will look like this: [/]. Move the cursor to the hyphen in the word and press delete.

## Hard Hyphen

You can insert a hard hyphen by pressing Home and typing a dash (-). This code can be used to tell WordPerfect to treat the two words joined by the hard hyphen as one word.

## Soft Hyphen

A soft hyphen is inserted when WordPerfect hyphenates a word or when you hold down Ctrl and press a dash (-). This soft hyphen tells WordPerfect where to hyphenate a word if required. If the word does not need to be hyphenated the code will not display on the screen, but will look like "-" in reveal codes. Because soft hyphens only display if needed, they can be used to instruct WordPerfect in a document where to hyphenate a word if latter required.

## Invisible Soft Return

The invisible soft return is inserted when you press Home and then Enter. This invisible soft return tells WordPerfect where to hyphenate a word if required. This type of hyphen is the same as a soft hyphen except that it will not insert a hyphen character. It is used for words which contain dashes and slashes such as "and/or." The invisible soft return code would be inserted after the / in the above example. The code will look like this: [ISRt] in reveal codes.

Hopefully this has solved some of the mystery behind WordPerfect 5.1's hyphenation. ■

## SPRINGER SHOWS DOS-SIG NEW TREE SURGERY TOOLS

*Tom Kilpatrick*

OCIPUG's multi-talented Michael Springer can show Tarzan a thing or two, when it comes to negotiating trees. At the DOS and Languages SIG in April, his clear, complete coverage of XTREE's latest version had the room humming with interest. Here are some highlights of Michael's presentation:

The original XTREE became XTREEPRO, then XTREEPRO GOLD, and now XTREEGOLD 2.0. (Here we call it XTG.) A chore XTREE didn't ease much in its earlier versions was moving a batch of files from disk to disk. One had to tag and batch-copy the files to the target disk, then erase them from the source disk. Now XTG's Move option does the work for you—automatically copying the files, verifying the copies against the originals, then erasing the originals from the source disk.

Ever found yourself saying "OOPS!" just after deleting the wrong file? (That's not the word I say, but you wouldn't put my word in a screen menu.) When that happens in XTG 2.0, just select the new OOPS command to unerase. No more need to shift to another utility for simple damage control. And whereas you could "Release" drives (pretend, say, that Drive "D" didn't exist for XTG's purpose), you can now do the same for branches and individual files. (This is called "partial drive logging.")

Many of us were happy to learn XTG 2.0's compression/expansion capability now supports not only XTREE'S own method and ARC, but PKZIP too. And for those who use this program as a menu shell, there's more good news: The new Autobuild command sends XTG crawling all over your hard disk, searching for some 700 popular applications. Then it builds the menu for you. Ain't science wonderful?

A frequent user gripe XTG's makers ignored concerns renaming a file—you still must type the whole new name from scratch each time. But they heard our cry for more file viewers: The 30-plus file types XTG now displays in their own formats include WP 5.1, Paradox 3.0, Quattro PRO, Multimate and WordStar.

Key-clickers will appreciate the improved mouse support and reduced key-stroke requirements of this version. Also, XTG 2.0's new pull-down menus suggest that a future version might support WIN3. Through June 15, registered users can upgrade for a reasonable \$35.

I think Mike's XTREE show and tell is what OCIPUG is all about. I've been going broke saving

money on "every-other-month" software upgrades and "special offers" on new programs. Often, these are blind buys. I can make smart buying choices when someone as knowledgeable (and patient in explaining things to a duffer like me) as Mike Springer evaluates and presents these products in a SIG group. The savings and the benefits are far greater than OCIPUG's yearly dues. ■

## FILE COMPRESSION ISSUES AND STACKER PRODUCTS TO HIGHLIGHT JUNE DOS-SIG

*Tom Kilpatrick*

One of computerdom's most adept and outspoken experts on backup software file compression issues will address OCIPUG's DOS and Languages SIG June 1. Gary Clow, founder and prime figure at STAC Electronics, Carlsbad CA, has been quick to point out the smoke-and-mirrors comparisons some backup software marketers use to distinguish their products as "superior." And Gary ought to know: His firm has pioneered in the compression algorithms and tools it provides to major backup program vendors.

Frank Martin, STAC Electronics Director of Marketing and Operations, will demonstrate the latest versions of STACKER hardware and software. The software compresses nearly all your files, including .EXE and .COM, on the fly—virtually doubling your available disk space. And the stacker add-in compression board does the same thing, fast! Or so they say. If these claims are true, STACKER effectively converts a 40-Meg drive to an 80-Meg (approximately), with little or no speed loss.

By meeting time, one or two OCIPUG members will have installed STACKER products and can add to the discussion. Also, we'll ask about hints we've heard, such as that STACKER's next version will allow compression on removable hard disk media, like Iomega's Bernoulli Box.

At press time, we can't say whether a STACKER product will be offered in the drawing, but if it is, won't you be burned that you missed a chance to win it? One thing we can be sure of—this SIG meeting will be one to remember! ■

### GEOWORKS SIG

*Audrey Wolden*

Twenty-one people attended the first meeting of the new GeoWorks Ensemble SIG. Bob Basaraba started the ball rolling by loading the program using XTREEGOLD and suggesting formats for the CONFIG.SYS and AUTOEXEC.BAT files. The program does this automatically, but the suggestions Bob made were to handle problems that might conceivably arise, particularly with space requirements on your hard disk. One way you can accomplish this is to fool your computer into thinking it has a whole other drive. Following is Bob's setup:

```
CONFIG.SYS
DEVICE: C:\MSDOS33\ANSI.SYS (latter for
color monitors)
BREAK=ON
FILES=30
BUFFERS=64
LASTDRIVE=Z
SHELL=C:\COMMAND.COM C:\ /E:2048/P
```

The 2048 is for DOS3.3 only to reserve 2K space for GeoWorks. For 3.0 and 3.1 use 128. The "P" makes it permanent.

Other tips for beginning DOS users: Shell goes into the CONFIG.SYS and the COMMAND goes into the AUTOEXEC.BAT file. For instance: SHELL=C:\DOS\COMMAND.COM C:\DOS (note the repetition). Bob does not recommend using DOS 4.0. The SHELL command is to be used only if DOS is not in the root directory.

Bob also touched on things such as environment variables and COMSPEC, which is done automatically by your computer to set path, prompt, subst., set, and TSRs (in that order)...MODE 40 will give you large print on your screen, useful for monitor viewing by a large group once you have installed GeoWorks.

Bob demonstrated the "America On Line" feature by using the modem to call a GeoWorks representative, both to give and receive messages. The rep's image appeared on the screen as he dialed.

The program is new so you can expect upgrades and improvements to be introduced in the near future (now being worked on). In comparison with WINDOWS, GEOWORKS is faster--even using an XT, which albeit slow to load, runs fast. A caveat: do not put the original disks in your computer unless they are write protected. The disks work by proprietary compression--each set is unique and dependent on the others so it is not possible to copy one of the four disks separately from the others in a set.

Suggestions for the next SIG were: how to import a graphic into a GeoWrite document; importing and exporting in general; compatibility with other word processing systems (using ASCII). ■

### PROGRAMMING SIG

*Wendy Sarrett*

During the April Sig meeting we used Turbo Debugger to debug a sample program. The next two months will be very exciting.

At the May meeting Bill Phillips will present an introduction to Assembly language. Given Bill's long experience with assembly this promises to be a very worthwhile presentation. In June I've tentatively arranged to have a presentation on Windows Development by one of the senior members of the P.C. development team at the company where I work — more details to follow. ■

### PERSONAL FINANCE

*Max Lockie*

The Personal Finance SIG has recently covered Turbo Tax, Quicken 4 and, on May 28, we will cover Managing Your Money 7.0. Both packages are the industry leaders, each with its own unique features.

For our June 25 meeting, we will be privileged to have a demonstration of Tree Based Financial Software by the people from Tree Based which is located here in Costa Mesa. This package features as you might guess, a tree structure that allows users to build and organize ones expenses and income categories into a tree structure - not conceptually, but visually. The user can expand and collapse them, "zooming in" for detail and "zooming out" for the big picture.

They also state that "With Tree Based, there's very little difference between report and work sheet. In fact the work sheet is flexible and visual enough to replace the need to print up a report ... so you can work with the big picture, not just look at it."

Come join us as we review this new personal finance package on June 25 at 7 p.m. ■

# HINTS TO THE NEWCOMER

Harv Haight

Many OCIPUG members, newcomers and oldtimers, regard a computer strictly as a means to an end, like a car, and are not interested in what's under the hood. When a major breakdown occurs, up go the hands, out comes the checkbook, and the PC is shop-bound. Besides some simple preventative maintenance, however, inexpensive remedies can often work.

First of all, know that most electric currents through computer contacts are small. A small buildup of crud from California's polluted air (or from tobacco smoke) can block passage of a signal. It makes sense once in a while, with the PC unplugged, several times to unplug and replug connectors at the back of the unit (one at a time, and don't forget how each went). This even applies inside the unit, but unless you're more than an innocent, keep the case closed. The sliding of surface over surface restores electrical continuity.

Second, NEVER plug or unplug a cable into or from the PC with power on! This applies in particular to a monochrome monitor (whose power plug goes directly to the back of the PC), or to a keyboard. Those color monitors with external

3-prong plugs are less critical.

Third, keep the keycaps on the keyboard. They can be pried off fairly easily, and generally without fatal results, but such keyboards as the original 88-key IBM (bless 'em!) utilize a carefully aligned spring which often is hard to reinstall reliably. You can't get good contact cleaner from your corner drugstore, but electronic stores (such as MAR-VAC in Costa Mesa) stock a spray called KONTACT CLEAN from Chemtronics which can do wonderful things. They overcharge for this carbon dioxide propelled fluorinated/chlorinated hydrocarbon junk (FREON to you who aren't chemists, and yes! it's nasty for the ozone hole in the sky), but it will unstick a key really fast.

The trick in using this is to unplug the keyboard, put it vertically over the kitchen sink so furniture won't get sticky, and spray back and forth at the top row of keys (with vigor) several times, allowing the excess to drain from the bottom (the side normally toward you). The FREON runs out and evaporates like a flash. It won't hurt you unless you aim it at your eyes or decide to sniff it (it's inert

but will block air from your lungs just like a pillow will, and yes! some idiots do).

Next, keep magnets away from your disks! Use 'em on your refrigerator door to hold the kid's drawings, but don't use copyholders with magnets. Don't put a phone set on your disks, or even a paper with a steel paperclip. Most radios, tape players, or other such have headphones with magnets.

Last, with 5-1/4" disks, if you use write-protect stickons, insure that they won't come off in the drive by putting 1-inch Mylar tape over the stickon. Consider also the layer upon layer of identifying labels some of us apply. It's easy to learn how to peel off an old label with a fingernail or SMALL stainless steel knife blade, and if you want plenty of space to identify what you've got, buy AVERY type 4011 labels (4" x 1-7/16") by the roll. I cut these off in 15-label strips and fold them to fit into a spare disk sleeve. Remember not to write on the installed label with a pencil or ballpoint—use a soft or brush tip pen! And avoid confusion with a simple code on the corner, such as "QF," to indicate a high-density formatted disk. ■

## SIMEARTH

...continued from page 11

The sound quality is much improved over SimCity, if the built-in speakers is all you have. SimEarth supports the Covox system, ADLIB and Sound Blaster boards for improved sound.

For all of SimEarth's complexity, SimEarth is still an addictive game that you will not tire of very soon. I left several simulations run all night. Unfortunately, SimEarth temporarily affected my productivity at home! ■

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# Batch File Basics

Michael Springer

We return to the regularly scheduled material at this time. I hope that last month's deviation from normal programming was of benefit to some of you.

So, let's tune in again to environmental variables. As mentioned before, DOS maintains a small section of RAM as a notepad for scribbling down notes. This is called correctly the DOS ENVIRONMENT. The separate pieces of information kept in this area are identified with unique names. Each name is assigned only one piece of information (a series of characters which may include the SPACE and other typed characters).

Take a look at the contents of the environment in your computer. Type SET[enter] and the entire contents will be displayed on the screen. If you have not enhanced the environment, it will definitely fit on one screen. In DOS 3.X, the size of the environment defaults to about 160 bytes.

COMSPEC=, PATH=, and PROMPT= should be in everyone's environment. DOS supplies the COMSPEC, and your AUTOEXEC.BAT file should be providing the PATH and PROMPT. If not, you need to read about PATH and PROMPT in a DOS book.

What else is in your environment? Applications software may tamper with your AUTOEXEC.BAT file and add environmental variables. Perhaps you see LIB=C:\QB45 or PCPLUS=C:\PROCOMM\PCPLUS. Entries such as these are used by the appropriate application program for its own purposes. They may make it possible for the application to find files it needs to run or to start-up in a particular mode.

You can use the environment for your purposes. Usually your entries will be associated with one or more batch files. To create your own variable, use the SET command, i.e. SET XYZ=my variable[enter].

You may run into trouble if you create too many variables or variables that are too long. Remember the default size of the environment? It is enough to hold the typical COMSPEC, PROMPT and a ridiculously long PATH of up to 128 characters. No one needs that kind of path and, in fact, a long path is a detriment to efficient operation of your computer. The proper use of batch files can provide all the functionality you need with a path of 3 or 4 subdirectories. (So much for this month's preaching.)

We need control of the environment. The SHELL statement, undocumented in DOS 3.1, but it works, and documented thereafter, provides the means of specifying the size of the environment. The environment takes away from the lower 640K of DOS conventional memory, so one should be judicious when specifying the size; 512 bytes will probably work for most people, 1024 bytes for all but the most ardent

batch file aficionado.

The SHELL statement goes in your CONFIG.SYS file. An example statement follows: SHELL=C:\COMMAND.COM C:\ /P /E:1024 where /E:1024 specifies the environment size. For DOS 3.1, use the result of (desired size)/16; for DOS 3.2 and on, use the actual size. Again, refer to a DOS book for the details of the SHELL statement.

With sufficient environment space, we can add variables without seeing the "Out of environment space" non-fatal DOS message. Seeing that message should not strike panic in your body, the message is DOS's way of saying "give me more working space, dude."

What variables do we add? That depends on you, the application programs and utilities you use, and your interest and skill in batch files. Look at previous articles in this series for examples of environmental variables. The ones that come to mind are OLDPATH, OLDPROMPT and PCPLUS.

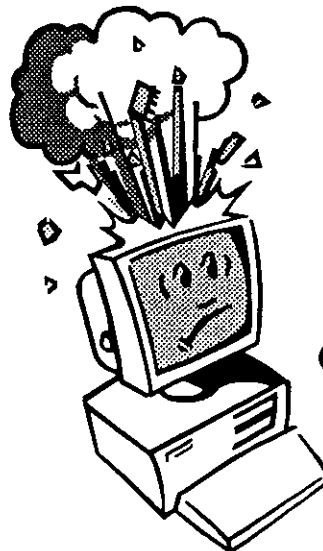
Use the SET name=value command form either at the DOS prompt or in a batch file to establish an environmental variable. Use the SET name= (with nothing after the = sign) command form either at the DOS prompt or in a batch file to cancel an environmental variable and release the space it and its definition occupy.

References within a batch file to the value of an environmental variable always enclose the variable name inside % signs. This is a signal to COMMAND.COM to substitute the variable's value before processing the batch file line. For example:

```
echo **The oldpath is %oldpath% ***
```

might produce screen output as follows:

```
**The oldpath is  
PATH=C:\BAT;C:\UTIL;C:\DOS;C:\ ***
```



Next time we'll look at some specific batch file uses of environmental variables that have not yet been introduced.

**Gimme sum space, Dude!**

As a courtesy to OCIPUG members, the memberships up for renewal are published in README.DOC every month.

**IS YOUR NAME LISTED BELOW?  
DON'T FORGET TO RENEW!!**

**THESE MEMBERSHIPS EXPIRE IN JUNE**

Dennis Anderson	Harry Kortnicki
Allen Ashley	Kim Kymlicka
Mark Bailey	Douglas Lanphere
Cindy Baker	James Lee
James Baker	Mark Lindholm
Tom Baker	Paul Merget
Peter Baldwin	Jean Mowery
Dayton Barnes	Bill Parker
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Chet Brisco	William Phillips
Steve Brody	Kent Pierce
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Grant Burriss	Ken Post
David Carroll	Jim Powers
Stephen Chao	Gary Rawlings
Wendy Clifford	Roger Richesson
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Stan Cowen	Tim Saylor
Dick Cruce	Gary Scarberry
Larry Cummings	John Scheerer
James Diefenbach	Robert Seaman
Frank Dudinski	Robert Shead
Roy Estes	Claud Sibert
Rocky Ford	Richard Sinor
Linda Fox	Arlene Solomon
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Bob Gauger	Robert Strader
Theodore Gilmore	Cal Strobele
Cathy Grammer	Herbert Swanigan
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Margaret Heise	Ruth West
Reinold Heise	Clark Westcott
Albert Hemenover	Robert Wheeler
Judie Hicks	Jeffery Wiegand
Preston Hill	Ronald Wilson
Robert Jahncke	Bonnie Winslow
William Jones	Rudy Wolf
Ankanh Kim Chau	

**APRIL 1991 FINANCIAL REPORT  
George Mefferd, Treasurer**

	Un-restricted Funds	Tim Smith Fund
Cash Balance - March 31, 1991	\$10,076.01	\$4,205.47
<b>Cash Receipts</b>		
Interest	\$ 41.11	\$ 25.40
Membership Dues - New	738.00	
Membership Dues - Renewal	1,305.00	
<b>Total Cash Receipts</b>	<b>\$ 2,084.11</b>	<b>\$ 25.40</b>
<b>Cash Disbursements</b>		
Rental - General Meeting	\$ 180.00	
Rental - Sig Space	767.00	
Printing - Newsletter	843.48	
Postage - Newsletter	171.27	
Telephone - BBS	107.36	
Postage - Membership	246.70	
Supplies - Membership	160.98	
<b>Total Cash Disbursements</b>	<b>\$ 2,476.79</b>	
<b>Net Change in Cash Balance</b>	<b>\$ -392.68</b>	<b>\$ 25.40</b>
Cash Balance - April 30, 1991	\$ 9,683.33	\$4,330.87



**THESE MEMBERSHIPS EXPIRE IN MAY**

Colleen Baker	Arnold Montgomery
Tom Baker	Marlene Montgomery
Robert Bond	Herbert Moss
Arthur Boughy	Jerry Neumann
Larry Brockett	Ronald Perkins
Dan Brostoff	Tim Pitts
Kenneth Curry	Richard Sabin
Marilyn Davis	Robin Sabin
Rich Davis	Carol Slasher
Teddy Edwards	John Squirrel
Joseph Farber	June Squirrel
John Gallie	Cliff Stanton
Marco Giammarinaro	Mary Stone
John Goodman	Herbert Tellefsen
Dave Gryvnak	Bonnie Ulanovsky
Phoebe Huang	Donald Wilgus
Kenneth Kamber	Audrey Wolden
Allen Kaplan	John Woolston
Gregory Kishel	Ning Yeh
Dick Mercer	

## 1991 OCIPUG BOARD OF DIRECTORS

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### DIRECTORS

Terry Currier	1991	774-2018
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Robert Ottke	1992	759-1515
Stan Sabin	1992	968-7307

### PEOPLE AND NUMBERS TO KNOW

Membership	Terry Currier	774-2018
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Program Chairman	Richard Sabin	965-6734
Bulletin Board	Robert Ottke	759-1515
Library Committee	John Lunsford	995-0947
Facilities Chairman	Joe Farber	642-6993

### OCIPUG BBS & MESSAGE LINE NUMBERS

Public Line (1200/2400)	843-0388
Members only (1200/2400/9600)	843-9248
OCIPUG Info & Message line	843-2048

## OCIPUG General Meeting Dates 1991

Our General Meetings are held on the last Saturday of each month except when there is a conflict with a major holiday.

**May 25**

**June 29**

## Membership Form

**Bring to General Meeting or mail to return address on the back cover**

New       Renewal       Information Update      Date: \_\_\_\_\_

Have you ever been a member of OCIPUG? \_\_\_\_\_ If so, what is your member number: \_\_\_\_\_

Individual Membership \$36.00 per year       Family Membership \$45.00 per year

Amount Enclosed: \$ \_\_\_\_\_

Title: Mr., Mrs., Ms., Dr. (Circle One)

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_ Family Members: \_\_\_\_\_

Address: \_\_\_\_\_ Unit No. \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

I consider myself to be:       Beginner       Intermediate       Advanced

# OCIPUG Business Sponsorship Program



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