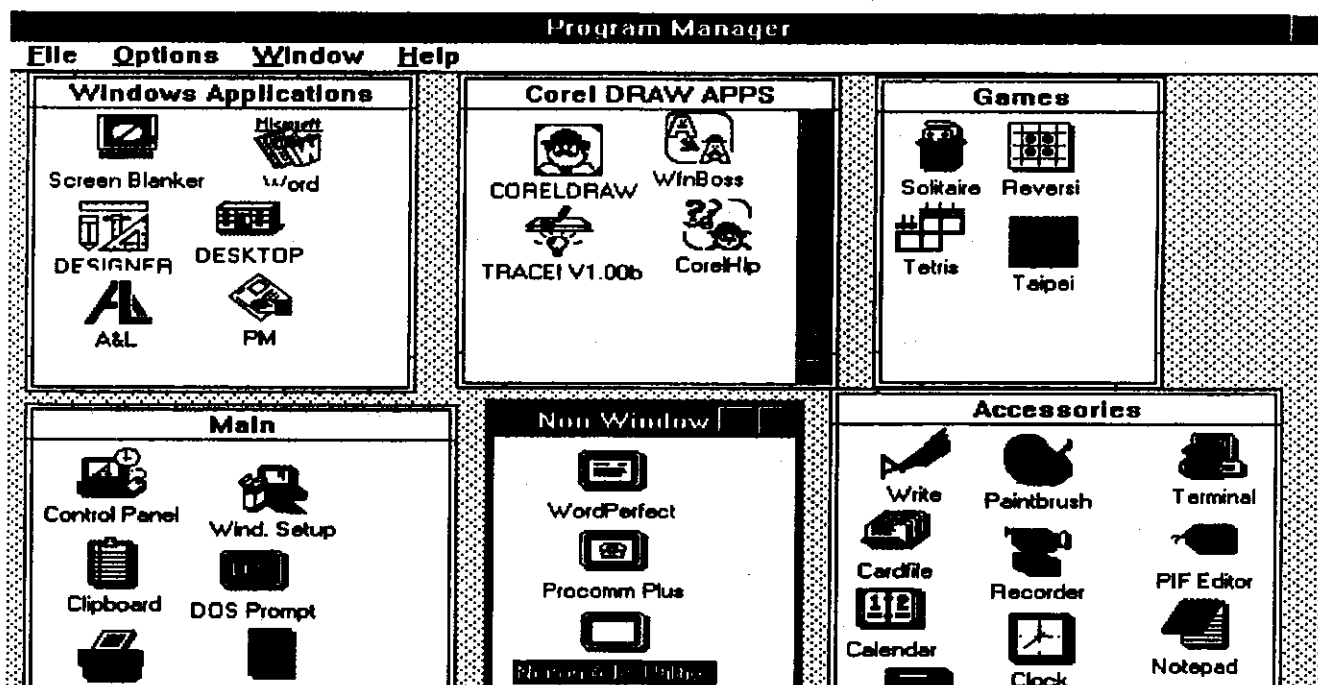


README.DOC

Gibson and Villa to open WINDOWS 3.0 at June 30th General Meeting



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README.DOC is published monthly by the ORANGE COAST IBM PC USER GROUP, P. O. Box 6100-211, Costa Mesa, CA 92628. The group's recorded message number is (714) 843-2048.

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Commercial advertisements, from members and others, are also welcome. For information concerning advertising rates and requirements, contact:

Harv Haight,
Advertising Manager,
OCIPUG, P. O. Box
1589, Costa Mesa, CA
92628.

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.

TRADEMARKS

The mention of the names of various products in this publication without indication of Trademark or Registered Trade Mark status does not imply that these products are not so protected by law.

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Camera ready copy produced with:

AST Premium 286

IBM PS/2-60

Qume CrystalPrint Publisher

Ventura Publisher 2.0

Arts & Letters

Corel Draw

Printing by Multi Print Santa Ana (714) 979-2054.

README.DOC is published monthly. A subscription is included with all paid memberships in the Orange Coast IBM PC Users Group.

Address all inquiries, editorial copy, advertising and address changes to: **README.DOC**, P. O. Box 6100-211, Costa Mesa, CA 92628

GUIDELINES FOR README.DOC ARTICLE SUBMISSIONS

All items submitted for publication are subject to editing. We reserve the right to refuse any material submitted for publication.

Send all submissions to the Editor, on or before the deadline listed below, using one of the following formats:

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

DEADLINE FOR ALL SUBMISSIONS WILL ALWAYS BE 6 P.M. ON THE SATURDAY FOLLOWING THE GENERAL MEETING.

General Meeting Report

Harv Haight

There was no random access prior to this 53rd General Meeting. After his usual welcome, and apologies for non-delivery of *README.DOC*, President John Goodman introduced Spinrite's Steve Gibson to conduct a formal random access. Steve explained how "divide overflow" can result from an attempt to divide by zero, prompted either by software or hardware, and how DOS senses this. Programs like *WINDOWS* can recover from this error, although in *WINDOWS-3*, protected-mode operation software bugs are detected more readily. In answer to a modem query, John suggested that the user's line might be multiplexed by the phone company. If the user finds from dialing 611 (phone repair) that this is so, he might demand from the business office a "wire-pair" installation. In answer to a request, the phone number 408-988-4004, was given for registered users to contact the McAfee Associates anti-virus bulletin board.

John Goodman then introduced An Khanh Kim Chau, the recipient this year of the Tim Smith Fund award. She will go from Orange Coast College to Cal State Fullerton, to continue studies in computer science. Vice-President Dave Carroll confirmed the next meeting date as June

30th and warned of anticipated crowded parking conditions.

DataEase SIG co-leader Bill Ulrich, a director of Ataz Database Advisor in Newport Beach, gave a detailed demonstration of how DataEase, Version 4.2, meets disparate needs of novice, intermediate, and power users. A flat-file application, created in just a few hours, can include custom data-entry sheets and reports, simply by filling in blanks, electing choices from lists, and (with no programming) painting sophisticated screen designs. For power users, the DataEase Query Language Editor prompts through complex procedures and runs, before saving, a detailed syntax check on code generated. Lock commands control shared access to a database; DataEase features a 7-level security hierarchy. Name and password at entry define automatically what is available to the user and what he can do.

DataEase is for 8086, 8088, 80286, and 80386 machines, with 640K of RAM and DOS 3.1 or higher required; it can utilize both expanded and extended memory. A version is available for most LANs. It can convert or import data from *LOTUS 123*, *dBASE*, *SYMPHONY*, and *PARADOX* applications, and can export data to *LOTUS*, *WORDPER-*

FECT, *MULTIMATE*, *MAIL MERGE*, and *ASCII*. List price is \$750; from Ataz Database Advisor, \$499 installed.

After a brief request by Ramon Lugo for help at the membership booth of a scheduled ACP Swapmeet, Carol Slasher used a Touchstone slide show to demonstrate *CHECKIT*, diagnostic software. Ray Norvette from Touchstone gave *OCIPUG* a quick look at *CHECKIT* last year, at the June General Meeting; Carol's demo filled in details glossed over by Ray. At the May 1989 General Meeting, John Goodman (talking of PC preventive maintenance) emphasized an up-to-date log of what's done. *CHECKIT* gives your computer a physical that answers all questions John could ask. It can produce reports of your hardware configuration and the system resources being used, test the hardware components of your system, and display performance panels to measure key aspects of your PC's computing power. Carol told how such a report can reduce repair costs by an outside agency and lessen downtime. Without a loopback attachment, *CHECKIT* goes for \$59; with the loopback, it sells for \$99.

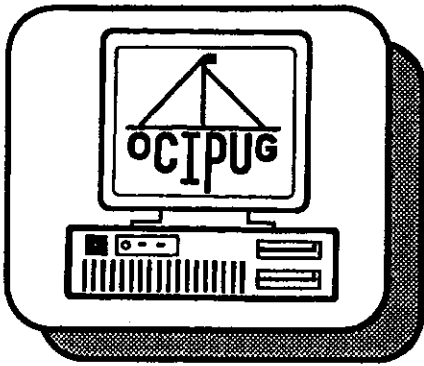
Before the formal break, Bonnie Ulanovsky had to leave because of illness. Members and club officers all appreciate her thwarted

attempt to handle library sales and hope for her fast recovery. Thurman Wade assumed responsibility for disk sales during the meeting.

After announcements by John Goodman, Richard Villa, and SIG leaders, Allen Foodym (member 740) drew from his consulting practice pertinent details of magnetic and optical storage technology. His talk was well-organized, authoritative, and delivered fluently. Knowledgeable members obviously appreciated its contents, and those who were novices seemed to survive and absorb much of it. As he said, "The advanced users can sleep at the beginning and the novices can sleep at the end."

In a final presentation, Patric Flynn (member 1702) demonstrated the *Seiko LABEL PRINTER*, a useful thermal printer, specifically designed for low-volume preparation of peel-off labels. Using special software, it connects directly to a laptop or desktop PC. At present only one size of label is available, at \$17/600-unit roll. The printer retails at Soft Warehouse for \$189.

For the raffle, five special invitations to the Microsoft Open House, for announcement of *WINDOWS-3*, were available ... because of time limits and the nature of the event, the raffle was abandoned for alternate methods. ■



The Orange Coast IBM PC User Group SIG GUIDE

A Calendar of Meetings & Events
published by Richard Villa

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
J U L Y	1	OCIPUG Board Meeting 6:30 PM		Independance Day	Modem		New Users 9 AM <hr/> DOS 1 PM
	8	WordPerfect	Database <i>Dis. Meeting for users</i>	Small Business	CAD/ Graphics		Shareware 10 AM <hr/> OS/2 1:15 PM
	15	Genealogy	BBS <hr/> DataEase	Investors	Ventura/ Corel Draw		
	22	MS Word	Personal Finance	Q & A	Hardware		9AM - OCIPUG General Meeting O.C.C. Science Hall
	29	OCIPUG Board Meeting 6:30 PM	Real Estate 8 AM				
		30	31				

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

BBS**3RD TUE**

SIG Leader: Bob Ottkie 714/759-1515

We will be working on Sub-boards at the July meeting. Meet in office area of SIG SPACE.

CAD/GRAPHICS**2ND THU**SIG Leader: David Carroll 714/775-3130
Designated Guru: Dave Lorenzini 714/751-9262

This SIG covers hardware and software products in both computer aided design and graphics. **At the July meeting we will review Deluxe Paint Animation.**

DATABASE**2ND TUE**

SIG Leader: Bob Schmiedeke 714/536-1178

This SIG discusses various database programs, specializing in dBASE. **Come to the July meeting to continue discussing dBase III Plus & dBase IV.**

DATAEASE**3RD TUE**Co-SIG Leader: Bill Ulrich 714/721-1371
Co-SIG Leader: Dick Barker 714/639-2865

This SIG covers DataEase, a 4th generation application development language. **At the July meeting we will look have a Dataease clinic Bring your problems.**

DESKTOP PUB./WINDOWS**1ST WED**SIG Leader: Richard Villa 714/841-6991
Asst. SIG Leader: Steve Burnside 714/758-8957

This SIG covers general desktop publishing related topics during the first half, and specilizes in Page-maker, Microsoft Windows and other advanced topics in the last half. **We will not meet in July to celebrate the 4th. See you in August!**

DOS and LANGUAGES**1ST SAT**SIG Leader: Cyrus Askari 714/960-1523
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. **David A. Kodama will speak about the C language. Please bring your questions about this popular programming language.**

GENEALOGY**3RD MON**

SIG Leader: Stan Sabin 714/968-7307

For beginners to experts. If you know a little about Genealogy or alot this SIG is for you. **At the July meeting, we will cover the basics of getting started in Genealogy.** Future meetings will go into further depth in the program of your choice.

HARDWARE**4TH THU**SIG Leader: Milt Miller 714/960-4766
Designated Guru: Bob Basaraba 714/733-3310

This SIG is one of the most popular, judging by the strong attendance. **Come to the July meeting with your questions.**

INVESTORS**3RD WED**SIG Leader: Dan Jacobs 714/675-5895
Designated Guru: Joe Farber 714/642-6993

This group explores the world of software designed especially to help investors of stocks, bonds and commodities.

MODEM**1ST THU**

SIG Leader: Rich Sabin 714/968-3539

Reach out and access the whole world of information through telecommunications. **We will go "Back to Basics" at the July meeting. Learn how to buy, what to look for, and how to use a modem.** Come and random access with us.

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.

IMPORTANT Telephone Numbers

Public Bulletin Board (BBS) - 714/843-0388

PRIVATE LINE - 714/843-9248

(MEMBERS MAY ACCESS AND download files
AND MESSAGES FROM EITHER LINE)HOT-LINE - FOR LATEST INFORMATION ON MEETINGS
AND EVENTS - 714/843-2048

OS/2**2ND SAT**

SIG Leader: Dave Lorenzini 714/751-9262

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 July.****PERSONAL FINANCE****4TH TUE**

SIG Leader: Max Lockie 714/644-0103

This SIG discusses the various financial packages for the PC. Please come with your questions. **At the July meeting we will continue to discuss Money Counts and Money Plans from Parsons Technology.****Q & A****4TH WED**

SIG Leader: Terry Currier 714/774-2018

Come and learn about this popular database and word processing program. **We will not be meeting in July. See you in August.****REAL ESTATE****LAST TUE**Contact Person: Kent Pierce 714/536-0271
Contact Person: Tom Sutro 714/850-0474

Jointly sponsored by OCIPUG and several local Boards of Realtors, this is one of our largest SIG's. Check the HOT-LINE for the topic of the month. (Coffee at 7:30 AM)

Newport Harbor - Costa Mesa Board of Realtors Boardatorium, 401 North Newport Blvd., Newport Beach.**SHAREWARE****2ND SAT**

SIG Leader: Bonnie Ulanovsky 714/646-5230

Various shareware programs will be demonstrated, and random access will answer your questions about which programs are best for you. **Check the HOT-LINE for the topic for July.** Library disks will be available for purchase from Bonnie. Member prices \$3.00 per disk. (Call Bonnie prior to meeting to order specific titles.)**SMALL BUSINESS****2ND WED**

SIG Leader: Richard Sinor 714/645-7608

This SIG covers how to manage your small business with your computer. Monthly topics generally include discussion on various business software. **Come to the July meeting with your questions.****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. **We will continue a series for beginning spreadsheet users at the July meeting.****VENTURA/COREL DRAW****3RD THU**

SIG Leader: Steve Burnside 714/758-8957

New SIG. This SIG will cover intermediate and advanced topics relating to both *Ventura Publisher* and *Corel DRAW!* **Check the HOT-LINE for the topic for July.** Please come with your questions.**WORD****4TH MON**

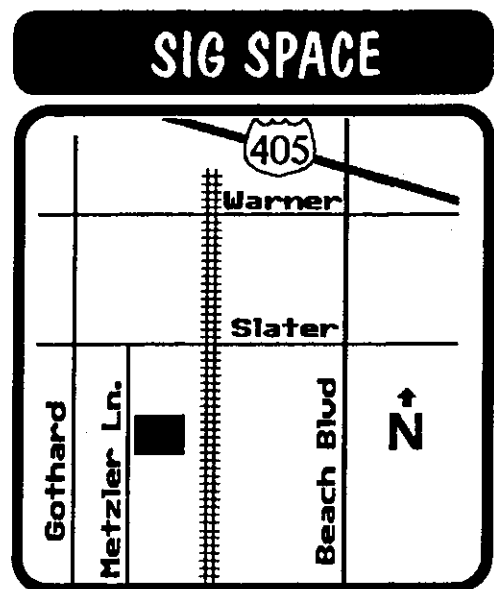
SIG Leader: Winston Jewson 714/544-4330

Microsoft Contact: Dave Lorenzini 714/751-9262

Word 5.0 is a powerful and popular word processing package. **At the July meeting: For beginning, intermediate and advanced users: Working with improved tabs, tables & borders. Part 1: Printer drivers and PRD file operators.****WORDPERFECT****2ND MON**

SIG Leader: Susan Novak 213/594-4144

Contact Person: Ben Swanson 213/865-4555

Come and learn about this popular word processing package. **At the July meeting we will discuss fonts and styles.****17632 Metzler Lane, Suite 211 Huntington Beach**

GENERAL MEETING

Saturday June 30th, 1990 - 9:00 AM to Noon

Microsoft Windows 3.0

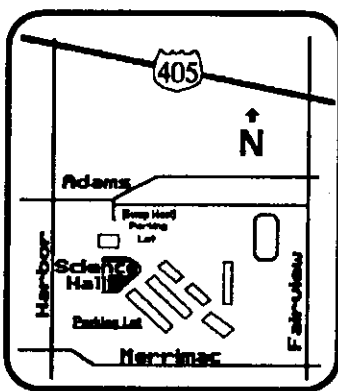
**Presented by our own Steve Gibson and Richard Villa
Hewlett-Packard - New Wave 3.0**

→ 8:40 to 9:00 AM - Random Access!

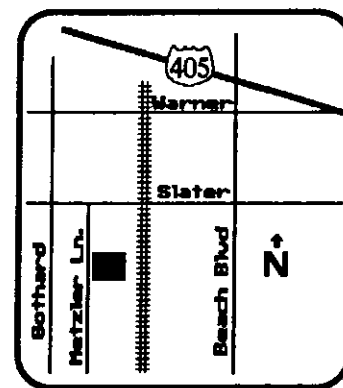
☞ Coming July 28th - Educational Software

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
- ✓ free copies of software and publications

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 3.0, & SoftCraft Spinfont* using an *HP LaserJet Series II* with Pacific Data Product's *PacificPage* PostScript-compatible cartridge. Graphic illustrations by Richard Villa & David Carroll.

SIG Committee Chairman: Thurman Wade - 714/846-6067

Keeper of the Calendar: Richard Villa - 714/841-6991 - Deadline for August Calendar: July 13th

President's Message

WHO ARE WE...?

John M. Goodman

It is a simple question of identity. We don't really know who we are. And it matters.

OCIPUG needs new equipment for the SIG space and to use at the General Meetings. We think we can get donations from various sources, but first we must be able to state our needs and the benefits the donor will derive from helping us meet those needs.

I have appointed a Committee on Donations and they discussed this and concluded that we need to do a survey of our members. This conclusion came from the belief that in order to make our case to a prospective donor convincingly, we must know who we are with much greater clarity and precision than we now have. Therefore, we are distributing in this issue of *README.DOC* and will also hand out at the next General Meeting a questionnaire.

These are anonymous questionnaires, which we hope will allay any fears about possible misuse of the data we gather. Please fill it out for us, but only fill it out once. You may either mail in the copy enclosed here or bring it to the next General Meeting. If you do either, then please do not also fill out one at the General Meeting.

Our primary purpose for this questionnaire is to support the work of our Committee on Donations. But when we discussed this survey, our Program Committee felt it could not pass up the chance also to ask you for suggestions for future programs. If you help them

in that regard you will find yourself treated to more of what you like best in programs at our meetings.

Finally, the Board of Directors hopes that you will share with us any ideas you have on how the club might be improved generally. We sought office in order to serve you. We want to hear from you and this is one more opportunity for your thoughts to be heard by us.

We have designed most of the form so that you can fill it in by simply checking boxes. That is to make it easy for you to do it quickly. Do not think, though, that we would not also welcome any additional comments you may choose to write in.

We plan to approach the obvious potential donors, mainly the major local computer manufacturers. Doubtless there are many other possible sources of help for OCIPUG in our community. Can you help us find them? If you know a company or foundation for possible donations, or even better, if you know some particular person at that company or foundation to whom we should be talking, please tell us. If we should use your name in making the contact, then you can call or write me a note so we can get that information without jeopardizing the anonymity of your questionnaire response.

Thank you for your help. With it we hope to help all of us have more of what we want, and need, to enjoy and benefit from OCIPUG to the greatest degree possible.

SPOTLIGHT ON ANKHANH KIM CHAU

TIM SMITH MEMORIAL FUND AWARD

Jean Stevens

Most of you have known, or have heard of, Tim Smith, who joined OCIPUG in January 1986 and was both a Director and Program Chairman, until his untimely death in June of 1988. Tim was a good friend to many, and a considerable amount of his time was devoted to OCIPUG duties. To pay tribute to Tim, OCIPUG established a scholarship fund, in his name, at Orange Coast College. Starting last year, and continuing on into the future, an annual award of \$500 will be given to a deserving student at the College, who is pursuing studies in Computer Science.

This year, at the Annual Honors Award Night ceremony, held at Orange Coast College on May 10th, the recipient of the 1990 award was Ankhanh Kim Chau. Attending the ceremony was Penny Smith, Tim's wife, and his sister, Vicky. President John Goodman was also present as OCIPUG's representative. The Board of Directors, further granted Ankhanh a one-year honorary membership in OCIPUG.

Twenty year old Ankhanh came to the United States, from Vietnam, when she was twelve years old. She lives in Westminster with her mother and younger sister. Needless to say, she misses her country very much, and hopes to go back someday when peace returns to that region of the world.

In the meantime, Ankhanh is concentrating on her education. She's a student at OCC and plans to go on to Cal State Fullerton when she graduates next summer. She hasn't focused in on her career decisions as yet, but she is certain that they will, in some way, be related to computers. Her program at OCC includes classes in WORDSTAR, dBASE III, LOTUS, BASIC, and next term COBOL will be added. At the present time she works part-time in a doctor's office, and soon plans to work part-time as a bank teller. It's not all work and no play for Ankhanh though, she also likes to read, play tennis, and swim.

Ankhanh is extremely proud and happy to have received the Tim Smith Memorial Award and vows to try her best to excel in her studies. She wishes to thank all OCIPUG members for this generous award and hopes to make us all proud of her someday. **GO FOR IT ANKHANH!** ■

finally arrived. And like ALR claimed, it plugged into my PowerFlex-40 and pronto, without setup changes, I had a 16-Megahertz 386er. Things suddenly flipped and flopped faster, and the Norton SI rating popped up by 30% or so.

You'd think with 40+ megabyte of fast drive I'd be satisfied to dump my XT clone, but old Bess with 62 megabytes of programs still has its appeal. Giving aid and solicitation to CROP teachers at local high schools outfitted with 256K double-banger PCs, has shown me the big plus of two computers side by side. With high school kids, the life of a program disk is about three weeks, and then back for re-format and a new copy. The old XT has an AST 2 MB Rampage! board, a Miniscribe 3650 drive running RLL via an Adaptec drive, and a CGA monitor. It also has two 360K drives and a true-blue ROM BIOS, and can play anything that comes along (although it didn't help me win at Lotto).

I got with the PowerFlex-40 both a 1.2 MB bootup 5-1/4 inch drive, and a 1.44 MB 3-1/2 inch drive. Add to that a total of 3 MB of SIMMs, for a honey of a unit. No, had no dough for a LaserJet or VGA, but a Hercules clone and a 14-inch AST black and white make it possible for me to play at graphics, Ventura Publisher, and Aldus Pagemaker. Several years ago I latched onto a cheap program called ZAPIT which, without fuss, can use a null-modem to transfer data from computer to computer. So now, with a two-position switch I can go to an external phone modem from the XT, or transfer files fast, back and forth, between Big-Boy and old Bess (if Jerry Pournelle can name his computers, so can I).

This latter cheap trick may interest OCIPUG members ... sometime next month I'll package the ZAPIT program and detailed null-modem instructions for upload to the BBS. ■

FOLLOW-UP TALE

Harv Haight

Members have asked "What came next?", after my bout with a virus reported in the April *README.DOC*. I wish I could report "and lived happily thereafter!", but truth is I got bit again by reloading a contaminated original. This time,

however, no fumbling or monkeying around—a good squirt of Mc-Afee, some reloads, and back in business.

About time, too. It took Advanced Logic Research two months to get me the promised 386SX plugin module, but it

The 'S of Using the BBS

Bob Ottke, Sysop

Our guest reviewer this month is Gerry Bretts. Gerry has a great interest in maps of all kinds, and has offered to share his knowledge of the electronic variety.

THREE SHAREWARE MAP DRAWING PROGRAMS

Gerry Bretts

I may be giving away my age and East Coast education, but I like maps. The Mercator Projection was a fixture in my geography and history classes, and there was a world globe in the school library. But not until I went to college, and was exposed to Air Force ROTC (surely you remember those

days), did I learn that there were better representations of the spherical earth than the Mercator map. My AT-clone has given me a chance to see the world in new, useful ways, with some Shareware that generates maps on command. There are three programs that I'd like to discuss.

The simplest map program I have is *WORLD MAP* (*WORLD.ZIP*) distributed by Computer Works. With this program, and most map programs, one can choose to view the world from any location on the earth, and from a choice of altitudes ranging from a few thousand feet above the surface, to synchronous altitude. The greater the altitude, the more distant the horizon, and hence, the more of the earth's surface that is seen in a polar projection. *WORLD MAP* shows State and National boundaries, US State Capitals, and major cities of

the US and the world. The program also computes the great circle distances between any of the capitals or cities in its display. As an aside, hurricane tracks for a few years are also included. The most useful feature of this software is the ability to enter the latitude and longitude of a location and see the state and national boundaries, or enter a location by name and see its geographic coordinates. The maps drawn by this program are not precise renderings of boundaries and coastlines, so that details like rivers and the oceanic islands are omitted. The coordinate location feature of *WORLD MAP* is useful for finding details in another program, *PLOT MICRO WORLD DATA BASE*.

Continued top of next page.

Some new additions to the BBS during the past month are:

PCGLOBE.ZIP
 MODEMD30.ZIP

CLK.COM
 BURNIN.ZIP

ZIPITBAT.TXT

GBSON104.ZIP
 SP2V19.ZIP

Demo of the commercial PCGLOBE. Excellent geography learning aid. The Modem Doctor. Extensive diagnostics for analyzing modem setup and performance.

Want a clock in the upper right corner?

If a new computer is going to fail, it usually does so in the first few days. This program exercises all parts of your system.

Published in README.DOC, May 1990. Delete the text lines, and you'll have the batch file for easy zipping.

Excellent article on viruses by Steve Gibson.

Print spooler. Spools to disk, rather than RAM. Allows background printing without requiring a large block of memory.

WORLD DATA BASE (PLOTMWDB.ZIP) is a more detailed representation of the earth's geographic and political boundaries. The one-disk version which I have, written by Fred Pospeschili, allows choice of viewing location and altitude, but does not portray cities or geographic coordinates. The greater detail in the data base of this program allows the drawing of many of the mid-ocean islands and the major continental rivers and lakes. Perspective from the chosen viewing point is maintained so that the effect of the earth's curvature is accurately portrayed. The data base is reported to be based upon a CIA originated file, which occupies about 1 meg of disk space, and contains even greater detail than the single disk version. I have the extended data on disk, but am not a skilled enough programmer to use it, or call it up for use by

WORLD MAP or WORLD DATA BASE.

The third map program I will discuss is **GEOCLOCK** (GEOEGA.ZIP) written by Joseph R. Ahlgren. OCIPUG President John Goodman projected this map at the beginning of one of the OCIPUG general meetings a few months ago. This, like all maps is specialized to emphasize a specific kind of information. In this case the program provides the precession of daylight and darkness along the surface of the earth from pole to pole in a Mercator Projection. The map's clock can be set to any longitude, time of day, and calendar; a representation of the sun's zenith position, and the illuminated and dark portion of the earth is shown. Depending upon the speed of the computer used, the movement of daylight and the solar location are redrawn every few

seconds in real time. The software also allows the speedup of time so that the motion of the terminator and the sun's position flys. With sufficient speedup (12-hours per clock cycle for example) one can see the seasons pass, and most impressively for me, get an appreciation of the polar midnight sun and eternal night phenomena. This program is interesting to see for one's self once, or to show to any guests who may be interested. In an elementary or junior high school classroom the program would be a very useful adjunct to other materials on the seasons or polar geography.

GEOCLOCK requires EGA or VGA to run. The other programs work on any display or PC-compatible, although WORLD DATA BASE would be agonizingly slow on an 8088 machine. They each fit on one 360K floppy, and can be downloaded from the OCIPUG BBS. ■

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AT LAST! WINDOWS 3.0 IS HERE!

Richard Villa

On May 22nd, Microsoft released the long awaited upgrade to their Windows environment, WINDOWS 3.0. WIN 3.0 is a quantum leap in the capabilities of its graphical user interface.

First, WIN 3.0 breaks the 640K barrier. It does this by using all of your computer's extended memory as a single block in which programs are loaded. (WINDOWS will run on a bare 640K system, but at least 384K of extended memory is recommended). This allows programs like PAGEMAKER, EXCEL, WORD for WINDOWS, COREL DRAW, etc., to run concurrently without swapping in and out, greatly enhancing the speed of the application. On a 286 based system I would recommend 2 megs of memory. However, some applications due for release next month will require at least 2.2 megs of memory, so get ready to expand your system to 3, or possibly 4, megs of memory.

On a 386 (or 486) based system WIN 3.0 takes advantage of the virtual memory management capabilities of the processor, allowing you to set up virtual memory on your hard disk, to extend the amount of memory you can load for applications. A 4 meg 386 with 4 megs of virtual memory would appear as 8 megs!

The WINDOWS 3.0 interface is significantly improved. The action buttons take on a 3-D like appearance. The Program Manager divides applications into groups in which each application is displayed as an icon, including standard DOS applications. With WIN 3.0, you may have more than one DOS application running simultaneously, as

an example, you could be downloading files from CROSSTALK, while unzipping files in a separate window, while executing other programs in another window. Also in a 386, you can dedicate both extended or expanded memory to a DOS application. WIN 3.0 is bundled with a 386 memory manager.

The File Manager includes many of the utilities that other commercial packages required. Multiple directories can be displayed simultaneously and files may be copied or moved by only the action of a mouse. Attribute information and file search are all included.

Windows 3.0 is a quantum leap in the capabilities of its graphical user interface...

Previous versions of WINDOWS have always included utility programs, however these have been greatly enhanced. PAINT has been replaced by Z-Soft's PAINTBRUSH, with support of PCX files. Terminal is a complete rewrite with transfer protocols. The Control Panel includes many customizing features, including the ability to change your background (called wallpaper) to one of many interesting patterns, or make your own. (Converted GIF files work great!) Also, with the right hardware, you can display 256 colors in VGA mode! There is a Recorder that allows you to record keyboard and mouse movements for replay. Write is still included as a powerful but

easy executive word processor. The Print Manager is extensively rewritten, and improves the interfacing between computer and printer. WIN 3.0 includes drivers for nearly 100 printers, as well as many monitors and input devices. However if your graphic card is not supported directly, most manufacturers have, or will release, drivers shortly. A greatly improved setup allows changing of devices without reinstalling WINDOWS.

Graphic fonts remain the same as in WIN 2.11, but with the extended memory you can load many more screen fonts without "RAM cram". In the near future enhancements may allow scalable fonts within WINDOWS.

If you already own WIN 2.11 applications, most vendors are making upgrades available at little or no cost. You need to upgrade any old WINDOWS applications, because of the memory management these programs need minor fixes. However, you can run most old WINDOWS applications in Real mode, which gives you WIN 2.11 compatibility. Also, WIN 3.0 is a single package, which can be installed on everything from an 8088 to a 80486 based processor. Again, I would recommend a 286-based system with at least one meg, or a 386sx (or better) based system with at least 2 meg. You need between 4 and 7 megs on your hard drive for WIN 3.0, depending on options. A VGA graphics system is really superior to earlier systems, and the 3-D look does not work well on a monochrome system.

If I have completely confused you, come to the Desktop Publishing/WINDOWS SIG any first Wednesday and see what all the excitement is about! ■

Product Name: TRANSLATE - an easy to use, but very effective English/Spanish translator!
 System Requirements: IBM XT, AT, PS2 or compatible (8 Mhz or higher recommended). 512K Ram.
 DOS 3.0 or higher
 Hard disk (needs about 9 megabytes)
 Retail Price: \$495

"BUENOS DIASuhhhh"

Have you ever wanted to communicate with someone in Spanish? Have you gotten stymied after "buenos dias"? Well, TRANSLATE from Final Soft Corporation can really help!

5 PAGES OF SPANISH WORDS

Even with my very limited knowledge of Spanish, I was able to communicate 5 pages of instructions to a new Spanish speaking employee, without relying (as I usually do) on a bilingual friend! I was told by that same friend that the end result was a pretty darn good direct translation.

ASCII FILES OR ...

The program will allow you to translate any existing ASCII text file, or use the functional "mini word processor," to just type out whatever you want to and then hit F2. In a few seconds.....you've got Spanish!

"NO COMPRENDO ..."

If you ask it to translate a word it doesn't know, it will mark it so you can revise that word, or look it up and type in your own translation for the "unknown" word. I discovered that it didn't like the word "incorrectly" for some reason.

SPANISH TO ENGLISH

TRANSLATE also enables you to reverse the process - turn Spanish into English if you wish. My Spanish is certainly not extensive enough to try that feature.

AND THOSE LITTLE SQUIGGLES TOO

I was surprised to see that the Spanish version of my text now has all those funny little accent marks that I've seen included in Spanish books.

TO PRINT IT OUT

If you want to print out your newly created Spanish version just hit F8. F7 prints out your English text.

FOR THE EXPERTS

TRANSLATE gives those with a good working knowledge of the Spanish language the ability to update and enhance its dictionary to further refine the translation power of this program.

HOW IT LOOKS ON SCREEN

TRANSLATE uses a split screen text editor with the English text on top and the Spanish text on the bottom. The very top of the screen identifies the name of the English file, the Spanish file, the page and line number. The bottom of the screen shows all of the operative function keys

MANUAL? WHO NEEDS A MANUAL?

This program is really so simple to use that you really don't need to use the manual (just the kind I like). I always read the Installation Guide then usually open the manual only if I have a problem. Since I was writing this review, I

decided to see what else was in there. Their manual comes with a three ring binder and contains 104 clearly written pages (including a tutorial and appendices). For those with more than a basic knowledge of Spanish, you can really tailor the program to adapt to most any type of use. For my purposes, it works very well.

TECH SUPPORT

I found out that the tech support people are very available, helpful, and courteous, and have a 1-800 number. Unfortunately they could not help me with a slight incompatibility problem. Read on ...

ONE MINOR PROBLEM!

On my machine, a 386 clone, TRANSLATE has some conflict with my hardware (yes even when I boot from A: with DOS). The program seems to run just fine, BUT when I exit to DOS or my Main Menu, the screen just freezes and I have to reboot to get things cooking again.

The tech support people had not heard of this before and after a couple of fruitless remedies, suggested I try it on another computer. I did and it worked perfectly. I'm sure I can get to the bottom of this glitch. But even if I don't, this program is so useful that its worth having to reboot when I'm done with it.

NINE MEGABYTES?

During the installation process the program will tell you that it needs NINE MEGABYTES of disk storage space. I found that the program only (ONLY?) uses about SEVEN MEGABYTES of disk space. The dictionary itself takes up about SIX of those MEGABYTES.

ABOUT THE PRICE ...

TRANSLATE's retail price is \$495 but the magazine ads I've seen offer it for a limited time at \$395, if purchased directly from Final Soft.

HOW TO GET IT

I have not seen TRANSLATE for sale locally. As far as I know, it is only available from:

FINAL SOFT CORPORATION

3900 NW 79th Ave, Suite 215

Miami, FL 33166 (305) 477-2703 or (800) 232-8228

EVALUATION (grades A through F possible)

Documentation	B
Ease of Installation	A
Ease of Use	A
Suitability to Task	A
Screen (user interface)	B
Overall Practicality	A

SUMMARY

If you need to communicate on paper, in Spanish, this program is the best thing since sliced bread! ■

MICROSOFT C 6.0 BRINGS AN INTEGRATED ENVIRONMENT TO PROFESSIONAL DEVELOPERS

Barry Gerhardt

The newly released version 6.0 of Microsoft's C compiler offers a comprehensive set of professional tools and more. The \$495 package (\$125 upgrade for users of version 5.1) includes: the C 6.0 compiler, the Codeview 3.0 debugger, an overlay linker, a programmer's editor, a MAKE utility, a source-code browser, a hypertext help and reference facility, and the Programmer's WorkBench that puts them all together.

Each of the tools provides professional level functionality and significant enhancements over previous versions. But when you integrate them with the new Programmer's WorkBench (PWB) they provide a complete development environment that can help save time when writing programs.

Although it will run on any PC, the PWB is really only effective on higher end systems. I found that a 16MHz 80386 with 2Mb memory is a good minimum system configuration. You also need between 6Mb and 9Mb of disk space for the compiler and other files.

The Compiler

Microsoft has always had one of the best high end C compilers and version 6.0 is no exception. It produces some of the tightest and fastest code yet. New optimizations allow the compiler to look at whole functions rather than just small loops. This makes it possible for the compiler to simplify complex expressions, reduce common code sections, use registers more effectively, and implement many other tricks.

Further, the language and library support has been enhanced to give programmers even more control. Based pointers can speed up and reduce the size of large or compact model programs. The `_fastcall` convention can speed up most function calls. The in-line assembler gives programmers the power to write assembly language code fragments from within a C function. Finally, the enhanced graphics library makes it easy to create pie, bar, and scatter charts on a wider variety of video adapters.

Some Optimization Issues

One caveat to the improved code generation is that many of the optimizations can cause unwanted side effects (particularly with obscure or questionable code). Fortunately, the documentation is very thorough when explaining these problems and each optimization can be selectively enabled or disabled for any particular function. So, with a little care, you can produce solid and efficient code.

Extra caution should be used when converting existing programs (even from 5.1) since they are likely to break when you apply the more aggressive optimizations. Ultimately, though, your converted program should be about 5% to 10% smaller and marginally faster. By capitalizing on the new language features, you should be able to improve these results even more.

Incremental Compiles: Boon or Bane

The compiler now has two modes of operation. During development, the incremental mode compiles modules fast. This speeds up the edit and test cycle, particularly within the PWB. Then, when you're ready, use the slower optimizing compiler to produce the smallest, fastest code possible. But use caution when developing programs this way. The optimizing compiler produces code in a fundamentally different way than the incremental compiler so your program can act differently just by recompiling it.

This doesn't mean the approach is inherently bad since it can result in a dramatic time savings in your development cycle. It does mean you should use extra caution and thoroughly test your code under the final compile mode you use.

A Bug in the Compiler

One bit of bad news is that in the process evaluating C 6.0, I discovered a bug. Worse, it happened in the default optimization mode.

The exact compile options I used were: `"-AL -Gs -W4 -Ze -Zp"`. The code that caused the problem is as follows:

```
int my_strcmp ( ... )
{
    ...
    int want_cnt ;
    ...
    want_cnt = strlen ( source_str )
    if ( want_count == 0 )
        return TRUE ;
    do {
        if ( * source_str ++ != * dest_str ++ )
            return FALSE ;
    } while ( -- want_cnt != 0 ) ;
    return TRUE ;
}
```

A look at the assembly output (option `-Fa`) shows that 'want_cnt' gets corrupted so the do...while loop doesn't act as expected.

Because of this problem, I am very hesitant to use or

recommend the compiler in its current form. Since this problem was found only recently, Microsoft didn't have a chance to respond before the review went to press.

The Debugger

The industry-standard Codeview debugger enters the next generation with release 3.0. The new interface is much easier to use, supports multiple files, and provides almost unlimited views of your program's data. Memory usage has been minimized to allow you to debug very large programs. In fact, only 15K of DOS memory is required on 286 machines and it doesn't use a single byte of DOS memory on 386 machines.

Program Editor

The editor built into the PWB (actually a modified version of the 'M' editor from version 5.1) is quite usable. It provides multiple undo levels, a powerful macro language, and is fully configurable so you can make it work like your favorite editor. A sample file is included to provide Brief emulation. If a feature you want is missing, write it yourself in C, Pascal, or Assembly and add it to the editor.

Another timesaving feature is that the PWB will automatically place the cursor on any errors found by the compiler and let you fix it. When you are done, press a function key to compile the changes.

MAKE

The new MAKE utility now supports a full super-set of Xenix MAKE. As another example of the advantages of integration, the PWB can generate a MAKE dependency file for you automatically.

Source Code Browser

The new Browser replaces the CALLTREE function found in earlier releases. It allows you to quickly find where functions, data, structures, and macros are defined or used anywhere within a program. This is especially useful when working with large or unfamiliar programs. And since the Browser is part of the PWB, the information database is updated automatically. For me, this was one of the most time saving new features of the WorkBench.

Hypertext Help and On-Line Reference

Finally, Microsoft has included a complete on-line hypertext reference system with excellent program examples for almost every library function. This comes in handy and is

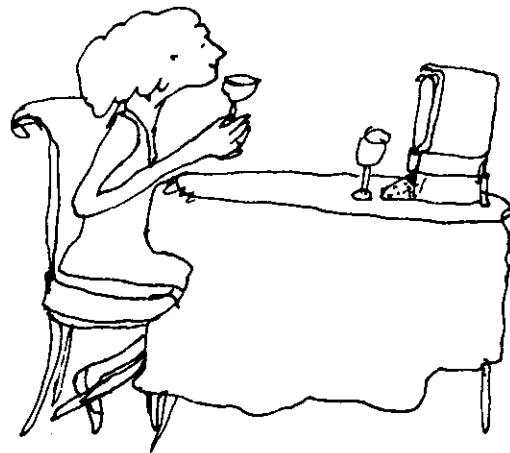
an excellent supplement to the abbreviated documentation included with the package.

In Conclusion

While the compiler promises the benefit of better code generation, it still has at least one major bug to be worked out. On the other hand, the Programmer's WorkBench with its accompanying tools provides an effective and comprehensive development environment worth investigating. Further, since the Programmer's WorkBench is an open architecture, you won't need to leave the environment to take advantage of any new tools that may appear in the future. And finally, you can do as I did: Replace the 6.0 compiler and libraries with Microsoft's C 5.1 equivalents, but still enjoy the benefits of the rest of the environment.

(Barry Gerhardt is Senior Developer with TouchStone Software Corporation, developers of CHECK-IT. OCIPUG wishes to thank Touchstone for this in-depth review and Microsoft Corporation for providing C 6.0.)

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Surmounting the Tower of Babel

A review of *Word For Word*

John M. Goodman

In the beginning there were the words. They conveyed the author's meaning and that was good. Then came word processors and now the author could add emphasis to the words in the form of italics, underlines, and bold face, as well as specify his or her choice of margins. This was better. Then came modern, high-end word processors with desktop publishing features, and now the author could even do the typesetting in any number of type faces, point sizes, and styles. This was the best.

Then came editors who wanted to use the work of many authors who used different word processing programs. These programs all used their own proprietary format to store the authors' work. This was not good. It meant that the editor had to have a copy of every author's favorite word processing program, or as most editors have done, insist that the author submit his or her work only in one or two "approved" formats.

That was a problem crying out for a solution. The cry was heard and solutions are now available. In fact there are several programs whose only function is to convert files from one word processor format to another.

A couple of good ones are *Word for Word* from Mastersoft and *The*

Software Bridge from Systems Compatibility. Of the two, I have used *Word for Word* more and will use my experiences with it to illustrate the genre.

You don't have to be an editor to have a need to convert word processing files. The need arises if you simply have one word processor and need to exchange files with a colleague who has another one.

has a fairly generous list of import and export filters. Still it could be a longer list, and if the particular format you need is not on their list, you are out of luck.

What, actually, is the problem? How do word processors save information and why is it difficult to convert from one format to another?

Any word processor must save the words, but

stored in accordance with the American Standard Code for Information Interchange (ASCII) specification. A file which also stores formatting information is called a "document." Further, some documents store their letters using a different coding (Extended Binary Coded Decimal Interchange Code, or EBCDIC).

The list of features that a word processor includes varies from manufacturer to manufacturer. So sometimes it is literally impossible to convert all the features found in one format of file into equivalent commands in another format—the corresponding commands may simply not exist. Still, most of the time, most of the features found in one word processor will have some equivalent in the others. Therefore it is possible to express those features in each processor's native file format, though the means to do so will differ.

The file format conversion programs function by converting a source document into their own super-special intermediate file format, which is designed to be able to express every feature from every word processor that they know about. They then convert from that intermediate form into the desired target format. If there are features that cannot be expressed in that target format they may, at your option, either ignore

Just this year Mastersoft brought out a closely related product, Word for Word for Windows, that adds two dozen additional import/export possibilities...

Many of the modern, high-quality word processing programs can import a number of "foreign" format documents, but most of them do not export to nearly as many. It may be that the manufacturers want to make it easy for you to convert to their product without losing the use of the files you created with your earlier word processor, but they do not wish to make the reverse process nearly so easy!

One exception is *Multi-Mate*, from Ashton-Tate, which comes with *Word for Word* bundled in. Another exception is Microsoft's *Word for Windows* which

they also must save a great deal more. As I suggested in my opening paragraphs, they also save commands to express the author's intent for emphasis by italic or underline or bold face type, margins, paragraph indents, etc. Further they may store information about the typeface and size of type to be used when printing the document out. Each company that makes a word processor has chosen a different way to encode all these details.

A file with just the words is called a "pure ASCII" file, if as is usually the case, the letters that make up the words are

them, or put something special in the file to mark the place where that unexpressible feature belongs.

This works pretty well for the simple formatting commands like margins, centering, bold face, etc., but it often fails for printer formatting information like the selection of a particular printer or typeface. There is a good reason for this.

There are now at least fifty different word processor file formats which these conversion programs must "understand." Unfortunately, for each such program there may be over 100 supported printers. Usually the word processor does not store the printer commands themselves in the document file, but instead stores a pointer into a table in the associated printer driver program.

So, without a detailed "understanding" of every printer driver for every word processor program (truly a daunting task), the file conversion program will typically simply transfer a request to use, for example, "the third type font" from one program to another without change. Naturally, this often results in the selection of different type font in the target document from that specified in the source. Thus the converted file must be reformatted to get the correct type fonts in the correct places. The only other option is to skip those commands totally when doing the conversion. Again the user of the conversion program must then load the document into the target word processor and redo all the type font specification.

This can be more than simply an inconvenience.

You may, for example, be converting the output of your word processor into a foreign format before shipping it off to someone else, who has that alternative word processor which you don't have. In that case you cannot load the converted file and "touch it up." The only real solution in this case is to forgo the use of all such printer-level enhancements in your document.

Word for Word comes in several flavors. The simple product converts a limited number of file formats. The product called *Word for Word Professional*, in its current Version 4.1, supports nearly four dozen different word processor formats (including three for various versions of Microsoft Word, four for WordPerfect and five for Wordstar) plus three variations of ASCII files and one "COM" format, which is just a version of its own internal universal format, modified to be able to travel safely over any communications channel to another copy of *Word for Word* at the other end. A new addition to the list of supported formats in this version is Q&A Write, which will be welcome news to a number of our members.

These products have evolved quite a lot over the past several years. The basic functionality has not changed, though the number of supported word processors has grown significantly, but the really significant changes have been in the user interface.

Just this year Mastersoft brought out a closely related product, *Word for Word for Windows*, that adds two dozen additional

import/export possibilities to Microsoft's *Word for Windows* program. It does so by providing a number of new Dynamic Link Libraries (.DLL files) similar to those already bundled with *Word for Windows*, but covering new

longer possible to inadvertently exit from the program by pressing Escape one too many times.

The conversions it produces are, in the tests I have run, mostly what you would expect, provided you keep in mind that it cannot

By and large the Word for Word user interface is very obvious and simple to use.

conversions. (This product does not have a user interface of its own, as it simply adds functionality to the import and export function of *Word for Windows*).

By and large the *Word for Word* user interface is very obvious and simple to use. The program can be menu driven, or you can issue command line parameters that dictate its operation so you can use the program from within a batch file. You can set up a whole slew of conversions and then tell it to "Begin Conversions" and it will convert one file after the other till it is done.

You set up the program by entering each of several sub-menus off the main menu. After you are through selecting your choices in that area you press the Escape key to return to the main menu. That is one point with which I have a minor quibble. The Escape key should, I feel, be reserved for cancelling something you have done and some other key (perhaps the F10 function key?) should be used to signal completion of a set of choices. At least it is no

properly transfer font choices from one format to another. When it cannot convert a feature other than a printer enhancement, it will report that fact in either of two ways, at your option. One is in a separate log file and the other is with a special mark in the output document file. It seems a fairly bug- and bomb- free program. A pleasure to use.

Both *Word for Word Professional* and *The Software Bridge* list for \$149, but both are available at various stores in our area for significantly lower prices. It would be hard to go very far wrong with either one.

And on the last day, the editor rested, for he had no fear. His writers could use any word processor and he was well prepared to accept all their work: words, formats, and all. ■



AUTOMATIC ZIP-FILE VIRUS CHECKING

A set of batch files

Michael Springer

This set of batch files checks all the .ZIP files in a subdirectory. The results are shown on the screen and written to a disk file for viewing later. Intended for persons who download files from BBS's, ZIPTEST.BAT and its supporting files are a primary defense against virus infection.

To make ZIPTEST.BAT work, one must have the operating files SCAN.EXE, PKUNZIP.EXE and VIRZIP.EXE from SCANV62.ZIP, PKZ110.ZIP and VIRZIP12.ZIP, respectively, or their upgraded versions, as well as, VERCHK.BAT included in this article. These files are available from the OCIPUG BBS (by the time you read this, one or more may have been upgraded).

The HELP section of ZIPTEST.BAT provides important information on the required location of the operating files. Read and heed.

These batch files may need to be changed slightly to run on a particular computer. They have been tested on computers using IBM's PC DOS 3.1 and 3.3. Other versions of

DOS may balk at some undocumented DOS techniques which have been used.

These are the things that may need to be changed or even deleted to make working batch files on your computer:

- 1) The "::ZIPTTEST.BAT..." or "::VERCHK.BAT..." lines may cause problems; they are only titles and may be deleted.
- 2) Each "echo." line is supposed to produce a blank line in screen output for clarity of the info screens; be sure to change or delete ALL of them if they cause trouble.
- 3) The "...COMMAND /C VERCHK..." is compatible with PC DOS 3.1. It can be changed to "...CALL VERCHK..." when used with PC DOS 3.3, but the change is optional.
- 4) Blank lines and indenting in the batch file listings are for clarity and ease in understanding the functional groups; these lines and spaces are unlikely to cause problems, but they may be omitted.

The listings for ZIPTEST.BAT and VERCHK.BAT follow. Each file must be saved as a separate batch file.

::ZIPTTEST.BAT - used with VERCHK.BAT and other files

```
echo off
cls
echo.
echo ZIPTTEST.BAT *** Your friendly .ZIP-file virus tester ***
echo.
IF %1==?! goto HELP
IF %2!--! goto HELP
goto START
:HELP
echo.
echo Command form: ZIPTTEST [ drv\path of ] [drive: to hold temporary]
echo [ .ZIP files ] [ files and VIRLOG.ASC ]
echo [to be checked] [ summary report file ]
echo.
echo Example: ZIPTTEST C:\DOWN F:
echo.
echo ZIPTTEST uses VIRZIP, PKUNZIP and SCAN to check zipped files for viruses
echo without manually unzipping the files. All .ZIP files in the
echo directory will be tested. The results will be written to a file
echo called VIRLOG.ASC for later review.
echo.
echo ZIPTTEST.BAT, VERCHK.BAT, VIRZIP.EXE, PKUNZIP.EXE and SCAN.EXE must be
echo in subdirectories listed in your PATH statement. Even if they are
echo in the same subdirectory, it must be in your PATH.
echo.
echo Temporary unzip files and VIRLOG.ASC use the root directory of [drive:]
echo specified. Choose a drive with available space; ramdrive preferred
echo for speed, floppy for maximum virus isolation.
goto END
:START
IF EXIST %1\PRN goto DIR2CHK
echo The .ZIP file subdirectory %1 does not exist, check your typing.
goto END
```

Continued on inside back cover

SIG REPORTS

SMALL BUSINESS

Richard Sinor

Our May meeting featured a demonstration of SUCCESS INC. by its co-designer Pete Simpson. This program is designed to help you write a very effective BUSINESS PLAN. Mr. Simpson began his presentation with a brief description of his background (13 years of business plan experience, in addition to extensive experience in marketing) and how he came to write SUCCESS INC. with his two co-authors.

Mr. Simpson began by utilizing the included sample business plan (for the fictitious "The Wind in Your Face Bicycle Shop") showing us how this very thorough, and yet understandable, program works. We were led step by step through each of the sixteen main sections and their sub-sections.

I think that all those in attendance would agree that Mr. Simpson made a subject that has a tremendously high "yawn potential" into one that was interesting, informative, and, at times, actually entertaining.

Judging by the questions and comments during the evening, everyone seemed to like the program. The program was especially appreciated by those who have completed, or have attempted to complete, a business plan before.

At the end of his demonstration, we drew a name to see who would win the free copy of SUCCESS INC. donated by the distributor, Virgin Mastertronics of Irvine. The lucky winner was Fred Friedman.

Our thanks to Mr. Pete Simpson for bringing to our SIG, a well presented demonstration, and a free copy of SUCCESS INC

PERSONAL FINANCE

Max Lockie

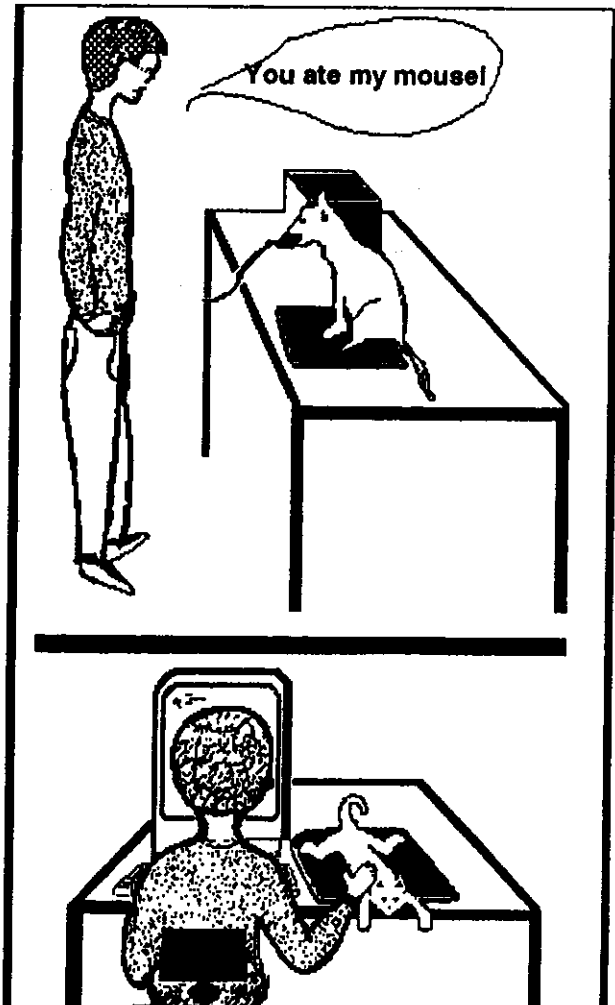
The May Personal Finance SIG was not held due to a death in my family. But this did allow Richard Villa to use the time to present Windows 3.0. The presentation of personal finance from Parsons Technology will be accomplished during this coming month's meeting to be held on June 26. Parsons' MONEYCOUNTS is marketed by mail order for \$35 and is "...a full-featured program with state-of-the-art graphics." The program prints eight types of financial statements, as well as, six different inquiry reports. We will also be demonstrating their MONEYPLANS financial planning software. This software which sells for \$49 "...provides a total financial analysis, commentary and graphs, to keep your financial picture in clear focus." So, please come and join us at the SIG space on Tuesday, June 26.

Q&A

Terry Currier

Here's a tip on using a macro for Q&A that will save time when you have to program the fields. Go into the Write section of Q&A and turn on the Macro recorder (shift-F2), begin putting in numbers, and a return after them; i.e., #1 (CR), #2 (CR), #3(CR), etc. Do that up to #100 (or what you feel you need), then turn the recorder off and save the macro to the disk. By the way, you do not need to save the file within Write. You could also do it by 5's or 10's if you often want to make adjustments later. Then the next time you have to program a new file, instead of having to put in the numbers for each field, just bring up the macro (shift F2, get, CR) and it will do that for you. When it gets to the end it will beep (such as if you only have 20 fields) and keep putting new numbers in the last field until it reaches #100. You can press ESC, which will stop the macro, then just put in the correct number for the last field and you're all set.

At the June meeting I will give some tips on using Q&A Write. In July there will not be a meeting (I will be out of town at the time). In August, I will demonstrate how to start up a new file for Q&A.



REALTOR Tom Suro

On Tuesday, May 29th, the REALTOR SIG was held at the Newport Mesa Association of Realtors. It turned out to be a very good Random Access session and much was accomplished.

The topic for next month will be TELEMAGIC, a program that has received very high marks from InfoWorld and DataPro. We will also have a presentation on PKZIP & PKUNZIP and a Random Access period.

The meeting will be on Tuesday, June 26th, at the Newport Mesa Association of Realtors, 401 N. Newport Blvd., Newport Beach, from 8 a.m. to 10 a.m. Please give me a call if you have any questions at (714) 650-1121.

OS/2 Dave Lorenzini

Members attending the April OS/2 SIG meeting saw firsthand how to load and operate a major OS/2 application. Thurman Wade brought his IBM Portable 386 computer with OS/2 and Bill Phillips stood by as advisor while Joe Lorenzini loaded and ran AutoCAD Release 10 for OS/2.

Installation consisted of three steps:

Step one involved setting up OS/2 with Presentation Manager. Hardware setup included having a minimum of 4 MB memory, a numeric coprocessor, a mouse, a digitizer, and a plotter.

Step two comprised three tasks:

- Copying AutoCAD software to the hard disk.
- Setting up a search path for the .DLL files.
- Starting AutoCAD and opening up a test drawing.

Step three involved customizing Presentation Manager, modifying the AutoCAD configuration menu, and optimizing the performance of AutoCAD.

AutoCAD loaded easily and ran without a hitch. An important step to remember is to modify the LIBPATH to include the location of the AutoCAD.DLL files.

There are 3 windows for AutoCAD OS/2. There is the familiar graphics window, the text window, and the clipboard window. These can be sized and located at will on the monitor. Even multiple sessions of AutoCAD can run at the same time in different windows if there is enough memory present.

One of the OS/2 features incorporated in AutoCAD for OS/2 is Dynamic Data Exchange (DDE). A sample drawing is included with the AutoCAD software to interface with an Excel for OS/2 spreadsheet. We even found a runtime version of Excel for OS/2 included in the AutoCAD package.

The sample SHAFT drawing shows how AutoCAD can send and receive data from a spreadsheet to modify the spreadsheet on the drawing dynamically. Autodesk Inc. has successfully exploited one of the powerful features of OS/2 and we were able to see the results first hand.

OS/2 NEWS

Dave Lorenzini

During the past few months this column has brought you a report of what we are learning and doing in the OS/2 SIG. However, there is a lot of news from the marketplace which would help us understand the OS/2 operating system better. Each month, when it is appropriate, we will present a summary of those news reports to keep you up to date.

If you are interested in working with OS/2 directly, join us at the SIG space on the second Saturday of each month at 1:15 pm.

EXTENDED EDITION

April 16, 1990 - InfoWorld reports that OS/2 Extended Edition is outselling OS/2 Standard Edition by a 2 to 1 ratio. Extended Edition contains IBM's proprietary database manager and communications manager extensions to the Standard Edition.

Extended Edition is an essential component for those firms determined to commit to the SAA (Systems Application Architecture) standard. Most of the OS/2 installations in use today are connected to a LAN (Local Area Network).

PRINTING PROBLEMS

April 9, 1990 - InfoWorld reports bugs in OS/2 version 1.2 that cause problems with the print spooler, particularly on a network. OS/2 prints fine if the spooler is disabled, but then only one file can be queued up at a time.

However, the good news is that more printer drivers are becoming available. The real challenge is having all applications use the same drivers to do device-independent printing. Microsoft is currently synchronizing the performance of OS/2 1.2 with LAN Manager 2.0.

VERSION 2.0

April 30, 1990 - PC Week reports that there are both good and bad points in the 32-bit operation system version of OS/2. OS/2 version 2.0 is designed to tap the Intel 386 chip, which has address registers 32 bits wide, and can address any location in memory without dividing it into segments. This technique is referred to as the flat memory model. Although developers no longer have to manage segments, there is a trade-off with this approach in that the flat memory model cannot protect against access and possible corruption from other processes.

SUMMARY DRAFT OF MINUTES OF MAY 21ST BOARD OF DIRECTORS MEETING

AS RECORDED BY SUNNY LOCKIE, DIR.

BOARD MEMBERS PRESENT

John Goodman, Pres.	Dave Carroll, V. Pres.
Toni Massoth, Treas.	Stephen Burnside
Robin Clark	Terry Currier
Harv Haight	Sunny Lockie
Jim Petit	Richard Villa

BOARD MEMBERS ABSENT

Paul Curtis, Past Pres.	Neil Carman, Sec'y
Bonnie Ulanovsky	

MEMBERS AND GUESTS

Robert Ottke	Thurman Wade
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The May 1990 regular meeting of the OCIPUG Board of Directors was held on Monday, May 21, 1990, at St. Andrew's Presbyterian Church, 600 St. Andrews Road, Newport Beach. The meeting convened at 6:50 p.m. with John Goodman presiding. The minutes were taken by Sunny Lockie.

Concern about the health of Bonnie Ulanovsky was expressed.

APPROVAL OF THE MINUTES

Richard Villa moved, Harv Haight seconded, to accept the Minutes of the April 30, 1990, meeting of the Board of Directors of OCIPUG as published in the *README.DOC*. Motion passed unanimously.

TREASURER'S REPORT

Toni Massoth reported that the rent bonus was taken on this month's rent. Steve Burnside moved, Harv Haight seconded, to accept the Treasurer's Report. Motion passed unanimously.

FACILITIES REPORT

It was reported that the furniture in the office area of the SIG space is on loan to that office. A proposed facilities improvement budget was presented. Some electrical work has already been done.

It was moved by Dave Carroll, seconded by Terry Currier, to approve payment of \$100 to Jim Pieratt for two fixtures installed in the office area of the SIG Space. Motion unanimously passed.

EQUIPMENT ACQUISITION REPORT

Richard Villa moved, Dave Carroll seconded, that a short, anonymous, survey of the next general meeting attendees be authorized. Categories of questions on this survey could include: demographics, information for donors, information for OCIPUG management, information for Program Committee. A survey will also be included in the next *README.DOC*. Motion unanimously passed.

TIM SMITH SCHOLARSHIP FUND

It was moved by Harv Haight, seconded by Dave Carroll, to award a one-year honorary membership in OCIPUG to An Khanh Kim Chau, the winner of the 1990 scholarship. Motion passed unanimously.

BBS REPORT

There was a discussion regarding the crash of the hard drive on the BBS. At present, the BBS is running with a loaned hard drive. The Seagate 4096 must be replaced. The board felt it should not be repaired again.

1990 BUDGET

There was much discussion of the 1990 budget, income, and expenditure projections. The expenditure items should be categorized into fixed, firm, and variable types. Discussion also included ideas for more income.

OTHER BUSINESS

The Jespersen Proposal and CompuMentor were briefly discussed. The Board members were reminded to do their homework regarding these topics. They will be discussed further at the next meeting.

The meeting was adjourned at 9:00 p.m.

(Editor's note: The above minutes do not become official or certified until adopted by the Board at their next Board Meeting.)

Welcome New Members

Robert Bond
 Rich Davis
 Teddy Edwards
 Phoebe Huang
 Audrey Wolden

Memberships expiring in June

Ruth Adams
 Dennis Anderson
 Mark Bailey
 Peter Baldwin
 Dayton Barnes
 Phil Barr
 Robert Basaraba
 Melvin Birnbaum
 Martin Brent
 Deborah Bright
 Chet Brisco
 Don Burns
 Grant Burris
 Dewey Carlson
 Mark Carlson
 David Carroll
 Wendy Clifford
 Roy Cone
 Stan Cowen

Dick Cruce
 Larry Cummings
 Paul DeGiudice
 James Diefenbach
 Frank Dudinski
 Gerrie Erickson
 Roy Estes
 Michael Firth
 Rocky Ford
 Linda Fox
 Arva French
 Tito Fuentes
 Helen Gaglia
 Bob Gauger
 Theodore Gilmore
 Cathy Grammer
 Caryl Harris
 LaVerne Harris
 Patrick Hatcher

Howard Hecht
 Harry J. Heimer
 Reinald Heise
 Cleo Hickman
 Judie Hicks
 Preston Hill
 Sandra Hughes
 Norb Johnson
 Robert Johnson
 William Jones
 Harry Kortnicki
 Roger Krueger
 Albert Kushner
 Bert Langer
 Robert Ledee
 Mark Lindholm
 William Mahrley
 Richard McKenzie
 Sandra Melendez

Paul Merget
 William Moodie
 James Morley
 Bob Murry
 Diana Parr
 Bob Peringer
 Kent Pierce
 Ken Post
 Jim Powers
 Gary Rawlings
 Roger Richesson
 Gary Scarberry
 John Scheerer
 Robert Shead
 Claud Sibert
 Richard Sinor
 Sherman Smith
 Arlene Solomon
 Victor Stanley

Phillip Stockman
 Robert Strader
 Cal Strobele
 Herbert Swanigan
 Bailey Taplin
 Ed Taylor
 John Tengdin
 Lee Tussing
 Vernon Wade
 Bill Warren
 Clark Westcott
 Robert Wheeler
 Donald Wichner
 Ronald Wilson
 Bonnie Winslow
 Rudy Wolf

Memberships expiring in July

Jasmeen Ali
 Charles Atilano
 Michael Banyacki
 Werner Belke
 Lydia Brandes
 Arlene Brock
 Jim Brock
 Bernard Brodwin
 Doris Brukner
 Bill Bunning
 Doug Campbell
 Sharon Carlson
 Robin Clark
 Walter Coles

Paul Crafton
 Larry Ettelson
 Kay Evans
 Paul Franklin
 David French
 Fred Friedman
 Russ Garside
 Marilyn Grimbly
 Peter Grodin
 G. Marie Heil
 Rolland Ivy
 Ron Jenner
 David Kahnke
 Linda Kao

Ron Knaus
 Roy Knutson
 Rudy Kundig
 Dennis Layton
 Mark Maillonx
 Chris Malm
 Toni McCann
 Anthony Mellini
 Tom Millard
 Milt Miller
 James Mitchell
 James Myers
 Joe Nagy
 David Nasby

Bill O'Connor
 Dean Padrick
 Ron Palmer
 Jim Petit
 James Petrie
 Donald Primrose
 Herbert Rabe
 Mary Rabe
 Dean Reinemann
 Don Reis
 Rex Rexanne
 Steve Riddle
 Frederick Solomon
 Eric Sorensen

Jay Soto
 Thomas Stolp
 Fred Strauch
 Tom Sutro
 William Tater
 Andrea Titus
 Bill Ulrich
 Harold Vejakaja
 John Vincent
 Larry Wasserman
 Laura Welsch
 Stanley Wise
 Carol Wood

OCIPUG MAY, 1990 FINANCIAL REPORT

Toni Massoth, Treasurer

OCIPUG May, 1990 Changes In Cash:

	Unrestricted Funds	Tim Smith Funds
Cash Balance May 01, 1990	\$ 7,615.40	\$ 3,998.99
CASH RECEIPTS:		
Advertising	151.50	
Library Shareware Sales	<106.67>	
Membership Dues-New	180.00	
Membership Dues-Renewal	1,332.00	
Total Cash Receipts:	1,556.83	0.00
CASH DISBURSEMENTS:		
Meeting-Board Of Directors	21.81	
Meeting-General	175.00	
Postage-Newsletter	135.00	
Postage-Other	71.30	
Printing-Newsletter	818.00	
Printing-Other	14.66	
Rent-SIG Space	47.00	
Supplies-Other	29.34	
Telephone	209.23	
Total Cash Disbursements	1,521.3	40.00
NET CHANGE IN CASH BALANCE	35.49	0.00
CASH BALANCE, APRIL 30, 1990	\$ 7,650.89	\$ 3,998.99

1990 OCIPUG Board of Directors

OFFICERS

President	John Goodman	895-3195
Vice President	David Carroll	775-3130
Secretary	Neil Carman	964-1901
Treasurer	Toni Massoth	788-7620
Past President	Paul Curtis	774-1827

DIRECTORS

Steve Burnside	1990	758-8957
Robin Clark	1990	786-7880
Terry Currier	1991	774-2018
Harv Haight	1991	546-0820
Sunny Lockie	1991	644-0103
Jim Petit	1991	841-3699
Richard Villa	1990	841-6991
Bonnie Ulanovsky	1990	646-5230

People and Numbers to Know

Membership	Robin Clark	786-7880
SIG Chairman	Thurman Wade	846-6067
Program Chmn.	Dave Carroll	775-3130
Librarian	Bonnie Ulanovsky	646-5230
Bulletin Board	Robert Ottke	759-1515
Facilities Chairman	Joe Farber	642-6993

OCIPUG BBS & Message line numbers

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

OCIPUG General Meeting Dates 1990

Our General Meetings are held on the last Saturday of each month except when there is a conflict with a major holiday (asterisked months in list below).

June 30

July 28

August 25

September 29

October 27

* November 17

* December 15

Continued from Page 12

```
:DIR2CHK
IF EXIST %2\PRN goto DIROK
echo The report file drive %2 does not exist, check your typing.
goto END
```

```
:DIROK
%2
cd \
for %%a in (*.zip) do COMMAND /C VERCHK %%a %2
echo.
echo Testing complete
```

```
:END
```

::VERCHK.BAT - works with ZIPTEST.BAT

```
echo off
echo. > %2VIRLOG.ASC
echo Checking %1 > %2VIRLOG.ASC
VIRZIP %1
if errorlevel 2 goto ERR2
if errorlevel 1 if not errorlevel 2 goto ERR1
if errorlevel 0 echo File check OK > %2VIRLOG.ASC
goto END
```

```
:ERR2
echo $$$$$$$$ VIRZIP error $$$$$$$$
echo $$$$$$$$ VIRZIP error $$$$$$$$ > %2VIRLOG.ASC
goto END
```

```
:ERR1 echo $$$$$$$$ potential virus $$$$$$$$
echo $$$$$$$$ potential virus $$$$$$$$ > %2VIRLOG.ASC
```

```
:END
```

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)

Occupation: _____

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

Orange Coast IBM PC User Group
Post Office Box 6100-211
Costa Mesa, California 92628

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Postmaster: Form 3547 Requested
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26-29-90

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