



MBUG-PC Newsletter

Volume 14, Number 1

January 1997

January Brings Corel WordPerfect Suite 7

A new word processing program, and a lot more, for the new year.

The January general meeting will feature a guest speaker representing COREL CORPORATION LIMITED, the producer of, in addition to the many well known graphics programs, WordPerfect Suite 7.

This very powerful, 32-bit program includes, in addition to WordPerfect 7, Quattro Pro 7, Presentations 7, CorelFLOW 3, Sidekick 95, Dashboard 95, Envoy 7, 150 Fonts, 10,000 Clipart Images and other applets.

For more information check the WWW at:

<http://www.wordperfect.com/products/wordperfect/cwps7/index.htm>

December Meeting

Bob Murray, of Gyration Incorporated, gave a very informative and entertaining presentation. Bob had to leave his sickbed to keep his commitment to us.

The GyroPoint mouse is an input device which makes surfing the web and reading e-mail much more relaxing. The built in gyroscope permits you to use the mouse off the mouse pad. With the help of two additional buttons, a ten foot cable and the movement of your wrist, you can lean back, relax and duplicate all the maneuvers you can do with a standard, desk-bound mouse. Should you want to use GyroPoint in a conventional manner, no problem, set the mouse back on the pad and use it just like any other mouse.

The price: \$69.00 retail, \$55.00 for MBUG-PC members.

GyroPoint Pro, the second device demonstrated is wireless and can be used from up to 75 feet from a receiver, which is connected to your computer. GyroPoint Pro is ideal for presentations, but can not be used in a conventional, desktop manor.

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**MBUG-PC WISHES
YOU A HAPPY
AND
PROSPEROUS
1997!**



New Visual Basic SIG planned

A planning and organization meeting will be held in January. Please see the SIG listings on page 12 for details.

MBUG-PC NEWSLETTER

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Deadline for submissions to the Newsletter is at the Steering Committee meetings.

NEWSLETTER ADVERTISING RATES

The MBUG-PC Newsletter now accepts advertising.
Circulation is currently over 250. Rates for one month's insertion are:

One page:	\$50.00
1/2 page:	\$35.00
1/4 page:	\$25.00
1/8 page:	\$15.00

The special rate for business card ads and other ads of the same size (approximately 1/10 page) is:

\$30.00 for 6 monthly issues
\$50.00 for 12 monthly issues

Business card ads may be withdrawn at the request of the advertiser, but no refunds can be made.

Persons desiring to place advertising may write or telephone the Newsletter Editor. The deadline for submission for advertising is the last working day of the month prior to the month of publication.

CLASSIFIED ADVERTISEMENTS

The Newsletter will publish Classified Ads for individual subscribers for the sale of privately-owned computer hardware or software, at no charge, as space permits. Contact the Newsletter Editor.

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Articles submitted for publication in MBUG-PC should be sent to:

103224.2645@compuserve.com

on or before the 18th of the month. Please send as e-mail ASCII (DOS.TXT) and not as an attached file! Authors are requested to keep the length of the article to approximately 600 words.

President's Column

by Clive Sanders

Well it is that time of the year. The Chairman of MBUG's Nominating Committee assured me that they assiduously sought to find a president. No one wanted the job or had the time to devote to it. Bearing in mind that most of the old folks in the club, me included, do not have to work anymore I can only guess that it is reasonable that one of us should be the president. So you have me and I am pleased to accept the unpaid position.

However, the difficulty of finding a president for MBUG does beg the question. Is it because none of the younger members have the time or is it because the steering group is not providing the activities that our members seek? Or there again, is it the unusual corporate structure of MBUG? I was surprised to learn quite some time after I became a member that I was not a member but a subscriber. The annual payment by each of you of \$25 is the fee for a subscription to the MBUG-PC Newsletter. MBUG has no members! It is a nonprofit, tax exempt charitable corporation. There is a president and Board of Directors and through a steering group the organization is managed. The management group based on the nominating committee's recommendations elects the officers of the company. It is not very democratic but it seems to have worked very well all these years. Do some of our subscribers think that there is an old guard that runs the group in the manner they specifically want? This is far from the fact. Your corporate officers with the help of the steering group want only to provide activities and support that you want.

Well what is all of the above to do with you? In the usual context of user groups or clubs the member elected board of directors and officers is fed a lot of information from the members. They very soon get to hear if activities are not in line with members wishes. Secondly, there is much more participation in the governance process as invariably things like activity changes and extraordinary expenditures go before a general or special meeting for a vote. Your board wants to hear from you in writing or from the floor. If there is something that you would like to see happen or change please inform us.

I personally would like to see MBUG take a more aggressive posture on working with our local communities. Our group is widespread. We have 258 subscribers from Monterey, Salinas, Carmel, Carmel Valley, Seaside, Pebble Beach, Soledad, Pacific Grove, Del Rey Oaks and Marina. These numbers have not changed much over the years, although Fort Ord closing caused a few to drop off the list. The number of communities involved makes for a difficult choice in selecting beneficiaries for help or a donation of meaningful funds. Last year MBUG donated \$500 to the fund drive for computers in the Pacific Grove school district.

Starting therefore at our January meeting and monthly thereafter

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Win95 News

by Jim Anway, MBUG-PC

Did ActiveMovie Kill your sound or video?

Do things not seem the same? Are you experiencing problems hearing audio, seeing video, or both? Well, I sure did. On my system, I could not get sounds from the Microsoft Bookshelf (part of Office Professional) nor the Microsoft Encarta 96. I thought "OK, my IBM M-WAVE sound card is now old and it does not support the new audio codecs (Compression and Decompression schemes). Thus I need a new sound card." Well, in my case this meant that I would need to buy a new computer. For now days, IBM no longer makes IBM Micro Channel (32 bit bus mastering) PCs. Therefore, there are no new sound cards for them.



Well, the REAL PROBLEM WAS - ActiveMovie and Microsoft Internet Explorer version 3.0. Unknown to me, when I installed Internet Explorer version 3.0, ActiveMovie had taken over the control of my PC. Welcome to the wonderful new world of the Internet where one loses control of their computer.

According to Microsoft: "With ActiveMovie, you can view the most popular sound and video file formats on the Web today — all without having to download separate programs. This means you can listen to WAV, MIDI, AU, AIFF, and MPEG sound files, and view MPEG, Video for Windows, and QuickTime video files within Microsoft Internet Explorer."

But, per Microsoft's Knowledge Base: Article ID: Q156286 - Error Messages can be:

Cannot play back the video stream: no suitable decompressor could be found. Some of the streams in this movie are in an unsupported format.

The problem occurs when the audio/video stream is not supported because either the video or audio is in an unsupported format for playback with ActiveMovie, you may experience problems hearing audio, seeing video, or both. The most common symptom is the lack of audio while playing back video or audio using ActiveMovie, also if ActiveMovie can play at least one of the streams (either audio or video), you do not receive an error message.

The most common video streams that are not supported by ActiveMovie are RPZA and JPEG. The most common audio stream that is not supported by ActiveMovie is IMA4.

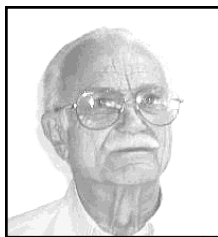
Microsoft then goes on to say: "To properly view these files, a third-party viewer that supports the video and audio streams used in the playback file must be used." (Come on Bill, this

(Continued in column 2, Page 4)

Quicken 6 for Windows

by Hugh Bayless

We have been using Quicken as the accounting system for the Monterey Bay Users Group (PC) for several years, starting with version 2.0. We liked Quicken from the beginning and we like it even better now. Quicken 6 for Windows and Money 97 for Windows 95 are running neck-and-neck for first place in the personal finance software race. Current magazines give both programs five stars, with a slight edge for Quicken. We agree. We will stick with Quicken.



To achieve its current scope and power, users of earlier versions of Quicken will have to relearn much of what they have become accustomed to, but it is a small price to pay for what Quicken now offers.

There are essentially two versions of Quicken 6 for Windows in the package. They are both on the same floppy disks or CD ROM disk, but one is for Windows 3.x and the other for Windows 95. Either version is easy to install, and any Quicken data files already in existence will be preserved and used — though they will be altered so that they can no longer be used with earlier versions.

For first-time users, Quicken 6 provides a multimedia introduction and on-screen tutorials which make it about as simple to master as anyone could wish for. While working in Quicken 6, the user has access to “How Do I?” and “Show Me” help to cover every phase of the software. Whether a former Quicken user or a newcomer, Quicken 6 is user friendly.

But the real meat of any software review is “What Does It Do?” Quicken 6 does a lot. With it you can: handle your checkbook and pay your bills on-line or with printed checks, record transactions and assign accounts to income and expenditures to keep track for budgetary purposes, handle on-line investment and obtain on-line stock quotations. With the on-line banking feature, it becomes easy to compare your own check register with the bank’s on-line statement. You can quickly determine if your check, ATM, deposit or other transaction has cleared.

New in Quicken 6 is a Tax Deduction Finder that examines your expenses and helps you find deductible expenses. Also, if you are further in debt than you are comfortable with, Quicken 6 has a Debt Reduction Planner that examines your debt payments and the interest thereon and will suggest ways in which you can reduce your total debt.

Perhaps the most amazing thing about Quicken 6 is its price. It was originally priced at \$29.95, but MBUG members can

Continued in column 2

Win 95 News

(Continued from page 3)

is not nice!)

OK, there is a fix. Remember I stated that the REAL PROBLEM WAS - ActiveMovie. Well if one resets the association for the file types (in my case AVI and WAV files) that are giving you problems from ActiveMovie back to the “Media Player” that came with Windows 95, your problems will go away. The “Media Player” has the smarts to play all the installed codecs.

The easiest way to do this is to remove the file type registration information that states what program should be used to open files of that type and then re-add the file type back with the correct association. This way is safer than trying to edit the association.

To do this, open the “Windows Explorer” then from “View” select “Options”, then select the “File Types” tab. This will display the file types that are currently registered with Windows. Find the file type (for example, WAV file) you want to change and highlight it and then click “Remove” to remove it. Select “OK” to close the options window. Next while still in the “Windows Explorer” find a file with the file type (i.e. WAV file) to be reregistered. With right-click on it and select “Open with”. Because there is no association, you will be asked for one. Select “MPLAYER” (the “Media Player”) and you will be back in business.

The next time you re-boot, you will get a panic message from ActiveMovie stating that it does not have full control of your resources. Just NO and don’t bother me again to the message.



Quicken 6.0

(Continued from column 1)

order it from Intuit, on CD-ROM or 3.5" disk, for only \$24.95 plus California sales tax (no charge for shipping), by calling 1-800-325-4503. If you have need for a program to keep track of income and expenses, help you with taxes or cleaning up your debts, or just maintaining a check register, Quicken 6 is the best bargain around.



COMDEX LAS VEGAS 96

by Lee Keely

MBUG belongs to the Association of PC User Groups (APCUG) which is dedicated to helping User Groups internationally. At each COMDEX, APCUG coordinates a marvelous group of meetings for UG officers attending COMDEX. These meetings truly make attending COMDEX a rewarding experience.

Although COMDEX runs Mon-Fri, APCUG meetings begin Saturday when User Groups share ideas with each other. Every session Saturday through Thursday has corporation hosted breakfast, lunch and dinner events. You hardly have time to take in all the APCUG events and go to the floor of COMDEX.

Most of the corporate sponsored sessions include presentations by the CEO or other senior executive from the vendor. Of course, most sessions end with a giveaway of software. Let me tell you about some of the sessions this year.

Monday breakfast sponsored by Lotus. Excellent presentation on the characteristics of the new Lotus Suite 97 to be released.

Monday evening presentation by Bill Gates on the upcoming MS Office 97. As you can imagine this was very well attended as so many are in awe of what he has accomplished in the PC industry. This was followed by a Reception by Microsoft for APCUG.

Tuesday lunch provided by Corel and included an excellent presentation by Dr. Michael Cowpland, President and CEO Corel. Corel is a company with truly impressive products, including the Office Suite and Corel Draw!

Wednesday breakfast hosted by Symantec featuring another outstanding talk by Gordon Eubanks, President of Symantec. Symantec's PC Anywhere and Norton products are leaders in the industry.

These are only some of the highlights to encourage you to think about becoming active on the Board of Directors and an officer in MBUG and participating in this marvelous event next year. Let me know if you have any questions or want more information.

President's Column

(Continued from page 3)

we will spend as usual a few minutes going through the MBUG calendar of events and then we will open up a short discussion on how we are doing and what changes you may have for us. I don't believe there is any real need to change the structure of MBUG, but we need to have feedback and new ideas. No organization in the business world can succeed without continually redrawing or revitalizing itself.

That then, is my job as president this year. Unlike our national leaders I do not seek a second term of office. As 1997 starts I will be out among you seeking a candidate for next year. Please help us to revitalize the group's activities. Our program director Jack Lewtschuk has put together a fine group of presenters for the 1997 general meetings. Volunteer to set up a special interest group, (SIG). We know the SIG leader's job soon becomes a drag. But the SIG's are the most purposeful activity we can offer. I propose that in future each SIG should have at least a couple of supporters who can help out with planning and execution of the SIG meeting. This has worked well in the MoBIE SIG. Helpers pick up, and set up the equipment, set up the seating and from time to time take over as the presenter and clear up after.

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The Frugal Hacker

“Having worked in the computer industry since the early '80s, I must take issue with the misuse of the term ‘hacker’ as it is generally used today. Original use of the word meant the person being identified was good at working on or in computers, or was an aficionado of computers. When certain hackers began creating computer viruses for general release, the term ‘cracker’ was the first one applied to them because their intent was to ‘crack’ or break into other systems. Unfortunately, ‘cracker’ has fallen into disuse and ‘hacker’'s original meaning has been changed. Life is like that . . .”, (Wesley C. Martin in a message posted on National Capital Area Public Access Network (CapAccess), 14 Jul 1994.)



Short and Sweet. My main contribution this month is the review of Ancestral Quest which can be found elsewhere in this issue, so this will be a short column. I just want to tell you about my solutions to the off-line news reading problem that I have complained about here a few times.

The demise of the local BBS that carried all the echoes and newsgroups that I was interested in gave me a very empty feeling. There was no longer any way to access the FidoNet echoes, and there was no convenient way to access Usenet (Internet) newsgroups in the way I had become accustomed to. Admittedly, I was spoiled by the convenience of BBS news service. As I have explained, I have very carefully configured my off-line mail reader to sort all the incoming messages for me automatically. It picks out messages that it thinks I might be interested in based on keywords, and it organizes the groups by subject matter. By doing this for me it saves me hours of time getting to the few messages of interest out of thousands that are received weekly.

I am happy to report that I have solved about 80% of this problem. I have found a way to organize the Internet messages into packets that my trusty old mail reader can access and do the same things that it has always done to save me time. I have also located a BBS not too far away that carries most of the FidoNet echoes that interest me. If you are also looking for solutions to these problems, what I have learned might help you.

FidoNet Solution. For the several FidoNet genealogy related echoes I now use the Silicon Valley PAF Users Group (SVPAFUG) BBS. Membership in this group is very reasonable at \$15 per year which makes it economically feasible to call long distance once or twice a week to download new messages. Using the QWK mail packet service each call takes only a minute or two which is a trivial amount on my

phone bill. You can find out more about the SVPAFUG BBS by dialing with your modem to (408)246-1451, or visit their web site at <http://www.rahul.net/svpafug/>.

Unfortunately this solved only part of the FidoNet problem. SVPAFUG carries only the genealogy related echoes, and my fields of interest do extend beyond those (contrary to what some people might say). Some of the other echoes I am interested in reading are the OS/2 and DOS BATCH groups. I'm still on the lookout for a place that I might be able to access these and other Fido groups. A BBS with telnet access would be a big help because then I could access it over the Internet with a local phone call no matter where in the world the BBS is located. I currently have a list of potential places that might satisfy this requirement and I'll keep you informed if I find one that is suitable.

Usenet Solution. For Usenet newsgroups the author of the off-line mail reader I use has come through with an excellent solution that lets me use my trusty off-line mail reader without changing the useful setup that I have been using for several years. For those of you who are unwilling to give OS/2 a try this solution won't help, but there might be others available for other platforms—I wouldn't know. For example, one MBUG-PC member tells me that if you have an Internet shell account you can use the UQWK command to get your news downloaded in QWK packets. He says he finds that very convenient.

The solution I found is similar but works with just a PPP account. Nick Knight, the author of the OS/2 mail reader MR/2, has provided us with MR2INMAK, the MR/2 Internet News and Mail Access Kit. As a registered user of MR/2 I get to use this kit at no additional charge. All it requires is the creation of a file with a list of the newsgroups I want to see. Whenever I want to read the news I dial up my ISP, enter the GO command, and MR2INMAK takes over and does the rest. In a short time my mail reader is loaded with the latest newsgroup packet sorted according to my specifications and ready for me to look at. It is very slick. I don't know what I would do without it. If you have OS/2 you can FTP this great package at ftp://nick.secant.com/mr2inmak/inmak_b4.zip ... about 400k.

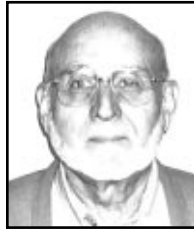
Nick Knight has also written the best OS/2 email reader, MR/2 ICE or MR/2 Internet Cruiser Edition. He is currently working on the news reader portion of MR2ICE which we all expect will include the great features that he has already put in the MR2INMAK and in his original MR/2 Classic. For me these products are the “killer apps” that make OS/2 one of the required operating systems on my computer. By the way, these are all shareware products so you can try before you buy, and the registration fees are very reasonable.

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Best wishes for health and prosperity throughout 1997 and beyond.



Bob Stephan is an OS/2 enthusiast with over 30 years of computing experience. He welcomes comments and questions that The Frugal Hacker can respond to. He can be reached on the Internet as 72357.2276@compuserve.com or bstephan@redshift.com, or snail mail at the MBUG-PC address.



MS PUBLISHER WIN 95

by Dick Immig, P*PCCompAS

Microsoft has again come up with a superior product. MICROSOFT PUBLISHER CD DELUXE FOR WINDOWS 95 is an excellent program. It is an integrated system that puts publishing within the grasp of small businesses, volunteer or nonprofit organizations, schools, churches, or even complete novices who want to try desktop publishing. The format is completely intuitive and so simplified that even a rank amateur can quickly turn out a professional looking product. You can begin with an opening screen that allows you to select from many types of document Wizards such as Newsletter, Brochure, Award, etc. Selecting Newsletter for example, presents a variety of styles, each of which opens into further possible variations. While you may choose a particular style as a starting point, there is complete flexibility in how to arrange columns, fonts, illustrations, and colors.

Microsoft has expanded this newest version, providing 20 new Page Wizards for guiding you through the creation of your newsletters, brochures, awards, and other documents. Of course you can also create cards, banners, posters and many other marketing materials. Whether you are new to publishing, or an old hand, you will benefit by reading the Companion Book. The book is easy to read and understand, and gives you a realistic idea of how to create successful publications. It then tells you exactly how to do it using the on-screen index. It also, helpfully, tells you how to stay out of trouble with the law.

One of the excellent features of Publisher is the ability to work in Microsoft Word and use its interface and commands, then return to Publisher automatically. If you choose to work in Word you will have to fit your text, but this is not difficult because Publisher provides several options. It may take a bit longer to create a publication this way but working in Word may be easier for some because of its familiarity.

Customizing your publications using Design Gallery is one way to achieve professional looking creations. Publisher offers many professional designs but sometimes these are not quite what you have in mind. Changing these designs to suit yourself is easy using the on-line Design Gallery. Ornamental design elements, quotes, etc., are organized in the same way as Publisher's basic publication designs, so you know that your changes will be compatible. Publisher CD Deluxe also includes more than 1,000 items of clip art, 60 fonts, and 100 publication styles and borders. The possibilities for designs that are your own are almost endless.

This publishing program is ideal for anyone wanting to get into desktop publishing. The Microsoft Publisher CD Deluxe Companion Book is an almost complete course in publishing. It will be a great help to the beginner who is still experimenting. Old hands will be able to incorporate the new additions and techniques with very little trouble. Those who have used a more complicated program may find themselves fooled at first by the simplicity of this one, but will soon be using it with enthusiasm.

Publisher CD for Windows requires Microsoft Windows 95 or Windows NT Workstation operating system version 3.51 or later (it will not run on earlier versions of the Windows operating system). It works with a 386DX or higher processor, 486 recommended. You need at least 6 MB of memory for Windows 95 and 12 MB for Windows NT Workstation. You also need 6 to 32MB of hard disk space. I found it at COMP USA for \$90.

MS PUBLISHER SPECIAL OCCASION DESIGN PACK

Now that you have had the good news, you can look at the bad news. Microsoft should hide its head in shame for allowing this substandard package to bear the Microsoft name!

The Special Occasion Design Pack is a separate package that is supposed to supplement Microsoft Publisher by supplying additional features to create greeting cards and other small items. It advertises that it includes "more than 200 ClipArt images." It does. It contains exactly 203 very mediocre clip art items! The significance of this less than generous package is brought home when you realize that local BBSs are overflowing with free clip art. I recently saw a commercial package featuring "more than 25,000 clip art images" selling at a very reasonable price — unfortunately, I don't remember the exact figure. The special occasion pack also includes a selection of border art, seven common fonts, and a fifteen-numbered page booklet. All of these items should have been included in Microsoft Publisher, rather than try to squeeze a few extra dollars out of the public. I could not find the Special Occasion Design Pack in the local stores to get a price for you. Perhaps they are smarter than Microsoft. If you find it — keep your money in your pocket. Shame on you, Bill Gates.

Hardware Handyman

by Bob Shanteau

Last month, I covered the meanings of some of the terms used when referring to SCSI devices. Because the table in that column suffered from word-wrap, I will briefly summarize the meanings again:

SCSI-1 is the original 8 bit bus running at a bus speed of 5 megabytes per second (MB/s). You may still find some SCSI-1 devices on the used market, but most new devices support at least SCSI-2, or Fast SCSI.



Fast SCSI is also an 8 bit bus but is speeded up to 10 MB/s using a method called synchronous transfer (SCSI-1 uses asynchronous transfer). This is the least expensive SCSI solution used in PCs currently. It is a little more expensive than EIDE, but is much better suited to a multitasking operating system. In looking through advertisements, I saw mention of 5 MB/s SCSI-2 adapters, so some people must not realize that Fast SCSI and SCSI-2 are synonymous, and that both run at 10 MB/s.

Ultra SCSI or Fast 20 SCSI use an 8 bit bus, but speeded up again, this time to 20 MB/s. It is quite a bit more expensive than SCSI-2, but delivers more performance for those who need it (or can afford it). It uses the same 50 wire cables as SCSI-2, which allows for combining SCSI-1, SCSI-2, and Ultra SCSI devices on the same SCSI chain. Each SCSI chain is limited to 7 devices besides the adapter card, which is plenty for the PC.

Wide SCSI uses a wider 16 bit bus and runs at a bus speed of 20 MB/s. Wide SCSI supports 15 devices besides the adapter card, and its cable has 68 wires to support the additional bus width, making the cable incompatible with SCSI-1, SCSI-2, and Ultra SCSI. Some adapter cards have both 50 pin and 68 pin connectors and support devices on both cables.

Finally, Ultra Wide SCSI uses the wider 16 bit bus and runs at a bus speed of 40 MB/s. Devices supporting this standard are quite a bit more expensive than the EIDE drives usually found in PCs, and are intended for machines where multitasking and speed are at a premium.

People who have invested in a fast hard disk using Ultra SCSI, Wide SCSI, or Ultra Wide SCSI report a dramatic increase in the apparent speed of their PCs. A multitasking operating system employs the hard disk for virtual memory, and as you do more things at one time, you will quickly run out of physical memory. The faster your PC can access information on your hard disk, the faster the multitasking will be.

Most PCs will benefit greatly from additional memory, but even that has a point of diminishing returns. Now that point is usually between 32 and 64 MB of memory, but as multitasking becomes more common, the point of diminishing

returns is likely to increase. Regardless, a PC uses a hard drive frequently, and once you have enough memory, the next large benefit will come from an investment in hard drive speed.

I just upgraded from a VLB motherboard to PCI, so I went through the process of shopping for a PCI SCSI card. I settled on SCSI-2 as being within my budget and, since my hard disks are also SCSI-2, it was a logical decision. If I had been able to scrounge up a few more dollars, I would have preferred an Ultra SCSI adapter with the thought that the prices of Ultra SCSI hard disks are sure to drop over the next few years, and I would not have to buy a new adapter to take advantage of their increased speed.

In looking at the advertisements and talking to salesmen at computer stores, it became clear to me that Adaptec makes the most widely sold and used SCSI adapters for the PC. A few years ago there were many more choices, but with the limited market for SCSI adapters for the PC, there was a shake-out. Also, Adaptec is well known for a quality product and its adapters are compatible with virtually all SCSI hard disks and other SCSI devices on the market. Part of the problem was, as some people said, "SCSI isn't SCSI," meaning that one manufacturer's implementation of the SCSI standard was often incompatible with another's. More recently, though, the SCSI standard has become better understood and it is rare these days to find incompatibilities.

Adaptec also sells its chip sets to other manufacturers for use on their boards. Creative Labs, for instance, uses Adaptec chips on their SB 16 SCSI cards, such as the one MBUG has in its club computer. I have owned several SCSI adapters over the years. One that just gave up the ghost had an Adaptec chip set on it, but I received years of reliable use out of it.

But when I started to look at the advertisements, I could see that Adaptec's prices were somewhat higher than I was willing to pay. For instance, the November 25 MicroTimes has advertisements for the Adaptec 2920 PCI Fast SCSI adapter at \$145, and the Adaptec 2940 bus mastering PCI Fast SCSI adapter for \$177, the Adaptec 2940U bus mastering Ultra SCSI adapter for \$190, and the Adaptec 2940UW bus mastering Ultra Wide SCSI adapter for \$210. Bus mastering is desirable to obtain the advantages of Fast SCSI, so I was not willing to pay \$177 for a 2940 card.

I had heard some good things about other brands such as Buslogic and QLogic, but their prices were about the same as Adaptec's. On visiting my local computer store, I was told that NEC sells a card they call the Adaptec 2930, but that it was actually a 2940, and that it sold for about \$100. I bought one, but had to return it when I found that it would not hold the settings in its memory. I also found that its setup program offered me the option of synchronous vs asynchronous transfer for each SCSI device, but I had a CDROM drive I was uncertain about.

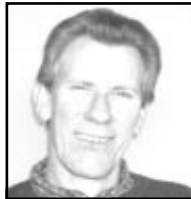
In looking for alternatives, I saw advertisements for NCR and

Western Digital PCI SCSI cards. The NCR cards were advertised for as little as \$50, so I explored further. I went to NCR's web page and found that they did not actually make the cards, only the chips. And when I went to find if they had OS/2 drivers, I found that some cards with NCR chips would not even work under OS/2 because they did not support IRQs. Usually it is impossible to find out from a vendor any details about a no-name card, so I eliminated the NCR SCSI card from further consideration.

In MicroTimes, Western Digital 7193 bus mastering PCI Fast SCSI cards were advertised for as little as \$55. When I visited Western Digital's web page, I was pleasantly surprised to find that they manufactured their own cards and that they were powerful, well supported, and appeared to be superior to the comparable Adaptec cards (at 1/3 of the price). I quickly ordered one, and when it arrived, I found it to be well built, with complete and readable documentation. It comes with drivers for DOS, OS/2, NetWare, Windows NT, Windows 95, and Banyan Vines. It also includes Corel SCSI for full support under DOS and Windows, including a complete set of support utilities. I was impressed. It installed smoothly, with the only proviso being to install it into a PCI slot that supports bus mastering. I did so and found that it immediately recognized my SCSI devices, even telling me which supported synchronous transfer. This was the first I learned that my CDROM drive did not support synchronous transfer.

I am very pleased with the Western Digital PCI card. It is a pleasure being able to support a company that "makes a better mousetrap." Western Digital also makes Ultra SCSI and Ultra Wide SCSI cards at somewhat higher prices, albeit still much less than Adaptec's. Move over Adaptec, you have competition!

Bob Shanteau welcomes comments and questions that the Hardware Handyman can respond to. He can be reached on Internet (bshanteau@redshift.com) or US Mail c/o MBUG-PC, 177 Webster St., Suite A-354, Monterey, CA 93940.



OS/2 Column

by Bob Shanteau

Shortly after I last wrote, Netscape released a second beta of its Navigator for OS/2. Now, Netscape has just released the official version. It is available at

<http://www.internet.ibm.com/browsers/netscape/warp>

I have only had time to download it. We will see a demonstration of it at the next OS/2 SIG.

Keep checking for updates to Warp 4 at

<ftp://ftp.software.ibm.com>.

There is a form for reporting defects at this site. People also continue to report bugs in the various Internet news groups (the comp.os.os2.* hierarchy).

A recent press release from IBM revealed that John W. Thompson has been transferred from head of the PSP Division, which makes OS/2, to a marketing post. This is the same guy who announced the release date for Warp 4 before the gamma testing was done. He also said that the beta test revealed only a couple of hundred problems, and none of these was serious. (I had found and reported several serious bugs in both the beta and gamma testing.) Well, I just saw a notice that FixPak 1 is being tested, and that the list of bugs it addresses numbers more than 100. One particular bug FixPak 1 addresses is one I experienced: a Trap E after a chkdisk. I found that I could not even recover from an archive and that I had to reinstall to get rid of the problem. Let's hope the next head of OS/2 realizes that it is more important to get it right than to stick to an unrealistic timetable. More people remember whether you got it right than remember whether it was on time.

Bad news from Creative Labs. Following is an excerpt from a posting on their web site:

Creative has determined that it can not provide additional support for OS/2. Creative has committed to maintaining the current level of support for the OS/2 community for our existing product line. However, we cannot commit to future releases or enhanced ! features for new product and technologies.

Currently, OS/2 does not have sufficient multimedia system services to enable us to deliver drivers that have Full-Duplex audio or software wave-table & waveguide synthesis.

Additionally, IBM has not announced an OS/2 road map that will deliver the needed system services for better multimedia support. Further, IBM has not demonstrated that they are very enthusiastic about the future of OS/2 from a consumer standpoint.

An interesting new product is Process Commander from Stardock Systems. Process Commander is a set of programs that are designed to allow OS/2 users to control their system, recover from system 'hangs', and tune their system. If you've ever had a situation! where your system 'hangs' and you have to reboot because of it, then you probably want Process Commander. Or, if you want to be able to take a look at how much CPU, and other resources each process (or even thread) is using.

Stardock's phone number is 1-800-672-2338. Their web page is

<http://www.stardock.com>

OS/2 provides workstation power on the PC.

Ancestral Quest Version 2.0

by Bob Stephan

Ancestral Quest (AQ) is a Windows genealogy database program. It is a very good genealogy database program, but I think it has two potentially fatal flaws which I will mention up front in the next paragraphs. Ancestral Quest's claim to fame is 100% compatibility with PAF (Personal Ancestral File) which is the de facto common denominator of genealogy database programs. PAF is probably used by more genealogy aficionados than all the other genealogy programs put together, and it is often used as the "getting started" program by those who later move on to other programs. This makes compatibility with PAF an important feature. AQ is so compatible with PAF that it actually uses the PAF database as its own. It is possible to work from the same database alternately with both PAF and AQ, or just AQ since PAF is not required. Admittedly, this is a neat feature, and having a Windows program to handle PAF data is a feature that is sure to appeal to a great many genealogists.

So, if this is so neat, what are the flaws? The first one, IMO, is lack of technical support. Oh sure, they list an email address for technical support, but in my experience they do not respond to email questions. The first message I sent did not receive a reply for several weeks, and then it was only a brief reply saying that the sender had been "out of town" and apologizing for the delay. This reply did not answer any of my questions, so I again sent the message with my questions. I am still waiting for a reply to that one and the time is being measured by months. I have seen mention of similar frustrations by others in Internet newsgroups.

The second potentially fatal flaw is lack of complete support for GEDCOM Version 5. If you are familiar with genealogical computing then you probably know what a GEDCOM file is. If not, then it probably doesn't matter, but for the record, GEDCOM is the standard for transferring data from one genealogy database program to another one that uses an incompatible database format. GEDCOM permits genealogists to exchange data even though they may be using completely different software, and exchanging data between genealogists is of the utmost importance.

Granted, GEDCOM 5 compatibility is not necessary for compatibility with the current version of PAF because PAF itself only provides support for GEDCOM Version 4. However, I believe that AQ takes a very shortsighted view of the genealogy community by assuming that we are interested in nothing more than current PAF compatibility. The current version of PAF is showing its age, and many other genealogy programs have leapfrogged it and moved on to more and better

capabilities, including GEDCOM 5 support. To many of us, compatibility with these other programs is at least as important as compatibility with PAF. If a GEDCOM 5 file is received, neither PAF nor AQ will be able to access the all-important notes that contain documentation for the sources of the data. We cannot afford to be without this capability. With full GEDCOM 5 support and more responsive technical support, AQ could be a formidable competitor to other Windows genealogy programs rather than just trying to satisfy the need for PAF compatibility. If AQ fully supported GEDCOM 5 I would transfer my data from the other Windows program I have been using. As it is now, I cannot transfer it all and I would not be satisfied to settle for just the parts that I can transfer.

Curiously, AQ does appear to support some features of GEDCOM 5, albeit not the important specification for accessing the notes. The technical support questions that I have been unsuccessfully trying to get answers to were to find out exactly which GEDCOM specifications are supported. There is absolutely no documentation on this subject that I can find either in the provided literature or on their web site at <http://www.ancestry.com>. By not documenting these capabilities, and by limiting the scope of the program to little beyond current PAF compatibility, AQ is severely limited in its usefulness and appeal.

Does AQ Version 2.0 have any features to recommend it? Of course! It has a great many very nice features which is why I am so disappointed in the aforementioned shortcomings. The Windows GUI implementation is very good. I very much like the "pedigree search" type of display that is lacking in the other Windows program that I have been using. This makes navigating through a family tree somewhat easier, although it is always easy to get lost in a large family tree. I also like the built-in support for tagged notes that makes it very easy to document sources of information in approved tagged formats while maintaining PAF compatibility, a feature that is also lacking in the other Windows program. I am also very impressed with its "Merge" capability which is the best I have seen in my limited experience. After importing data it is very important to be able to seek out and merge duplicate individuals to preserve the integrity of the database. AQ makes this easier to do than anything else that I have used.

Two great features that go well beyond PAF compatibility are the Media Collection Scrapbook and the book type reports. AQ adds the capability to include

Continued on Page 11

Big Brother Returns

by Hugh Bayless

Ancestral Quest V 2.0 (Continued from Page 10)

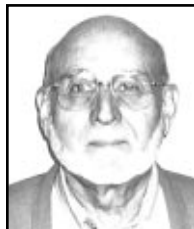
photos, audio, and video in a scrapbook for each individual. In this regard it is “up to par” with other GUI genealogy programs, and provides a significant enhancement over PAF itself. The media items can be viewed individually, or as a scrapbook or a slide show, and of course the photos can be printed if you have that capability.

There are also two types of book formatted reports—Ahnentafel for ancestors, and Modified Register for descendants. These reports have many options that can be set to customize them, and the reports can include an index. They can be printed directly from AQ or sent to a file to be imported into a word processor for additional formatting. These are nice features too.

In spite of all the nice features, my recommendation is to wait if you can. PAF is on the verge of a new release which it is said will be a Windows program. It will be interesting to compare its features with those of AQ which I will do as soon as it is available. The new PAF will undoubtedly support GEDCOM 5, and the database itself will probably be formatted differently which would mean that AQ Version 2 will probably no longer be compatible and an upgrade would be required. AQ is not that expensive, so if you want to take advantage of the enhanced Windows type features with your current PAF database, go ahead. But there are some interesting developments coming along in the genealogy software arena that might be worth waiting for, so if you can, wait for the dust to settle before making up your mind.

Ancestral Quest is available at software stores such as Software Etc. and Fry's in diskette or CD-ROM versions at prices ranging from \$30 to \$45. It can be ordered directly from the publisher: Incline Software, P.O. Box 17788, Salt Lake City UT 84117-0788. Order line: (800)825-8864 toll free or (801)273-1251. FAX: (801)273-1535. A demo can be downloaded from the web site mentioned above.

Bob Stephan can be reached as bstephan@redshift.com or 72357.2276@compuserve.com on the Internet.. Bob has a home page under construction at:



<http://ourworld.compuserve.com/homepages/BobStephan>.

Big Brother received a setback, but he's back again.

In 1993, the Clinton administration was pushing the “Clipper Chip” as the only way that the government would permit Internet users to encrypt messages. With the Clipper chip, the government would be able to eavesdrop on everyone using the Net for the transmission of encrypted messages — following a court order, of course. In addition, the Clinton administration refused to permit U.S. software developers to export their encryption technologies. However, there were so many objections from big business, small business, and everyone else using the Net that for a while it looked as though the Clinton administration had given up. Some of us even thought we had won the battle against government snooping into our private messages.

Now the Clinton administration has come up with a new approach — well, sort of new, anyhow. Government representatives now point out that it is really to the benefit of businesses, and even individuals, to have a “key” in the hands of a benevolent government. Suppose that a business is using encryption in its messages between worldwide branches. Further, suppose an employee who sends and receives encrypted messages should die or leave the company. Without a key to that employee's encrypted files, the company is stuck. Now, if Big Brother just had a “key,” they could unlock the files for the business. Wouldn't that be nice?

Of course, no business should ever allow any employee to use a company computer for company business without providing the company with a key to all encrypted messages transmitted and received via that computer. The government acknowledges that, but really now, fellows, wouldn't it be better if the government retained the encryption key, where it would be safe from prying eyes, than to have businesses trying to keep their encryption keys secure in their own offices? After all, if you can't trust your own government, who can you trust?

The government also argues that without access to all encrypted messages, they would never be able to control misuse of the Internet for such terrible things as pornography or anti-government plots. Users of the Internet argue that such government intrusion is a violation of the First and Fourth Amendments. Philip Zimmerman, the cryptographer who created PGP (Pretty Good Privacy) wants to return to the days when every conversation was private. Congressman Sonny Bono wants to deny government agencies, including the FBI, any access to any encryption keys because, “I absolutely don't trust them.” After Ruby Ridge and Waco, I wonder just how many other people still trust our government?

The fight goes on, and as long as we elect people to office who believe that they know more about what is good for us than we do ourselves, the fight will never end.

Your MBUG-PC SIGs

A SIG is a Special Interest Group. It is not a formal class. It is simply a group of individuals with like interests in some particular application of personal computers who get together to share their collective skills and knowledge. Active SIGs are those listed on this page, but any other SIG can be started if there are six or more people who want to get together regularly to learn more in an area of mutual interest. If you are interested in a subject that is not yet covered by an existing SIG, please call Joe VanDyck, MBUG's SIG Coordinator, at 646-1526 and see if there are others with a similar interest.



COMMUNICATIONS SIG, Wednesday, January 29, Jim Robeson, SIG Coordinator.

All of you who have modems and need to know how to use them better to connect to BBS's, come out and meet with us.



GENEALOGY SIG, Thursday, January 2, Bob Stephan, SIG Coordinator.

The Genealogy SIG meets in conjunction with the Monterey County Genealogy Society. Each month there are mini-workshops on various topics including using computer software. Expert help is available for beginners..



OS/2 SIG Wednesday January 8, 7:00 - 9:00 PM, Bob Shanteau, SIG Coordinator.

January: OS/2 SIG

In January, after the usual question and answer period, we will continue our look at some of the programs that are in the OS/2 Warp 4 Bonus Pak. These include versions of Compuserve Information Manager, HyperAccess, IBM Works, FaxWorks for OS/2, VideoIN! or OS/2, and Remote Services Manager.

We will also see the official release version of Netscape Navigator for OS/2.

OS/2 simply performs better.



Internet SIG, Ed West SIG Leader

The next regular meeting of MoBIE (Internet SIG) will be on the third Friday of January, the 17th, starting at 7:00 PM. The meeting will be held at our regular meeting location- the Forest Grove School Multi-Purpose Room, 1065 Congress Ave., Pacific Grove.

If you've never been on the Internet, are just a beginner, or are contemplating a switch to a true Internet provider, from services such as America On Line, this is the meeting for you.

Ed West will be conducting an in-depth discussion of what the Internet is all about- its origins, what it is today, and where it is going. He'll also tell you what equipment and software you'll need to get on the Internet. He'll also review the type of Internet programs you'll want, so that you can use the Internet to its full potential. The discussion will cover both the Mac and IBM platforms.

The color overhead projection system, and Power Point (a computerized slide presentation program), will be used to enhance the discussion.

*Ed West-MoBIE Captain, Monterey Bay Internet Enthusiasts:
Email to: captain@mobie.com*

My Home Page: <http://www.mobie.com>

The MoBIE Web Pages: <http://www.mobie.com/mobie.html>

The MoBIE Directory: <http://www.mobie.com/members.html>



Visual Basic SIG, Wednesday, January 15

The first Visual Basic Programming SIG will meet at Archer Park Center for the purpose of planning, organizing, and selecting a Leader.

If you are interested in or familiar with Visual Basic please attend this session.



MULTIMEDIA/WIN95 SIG for Monday, January 13, 1997, 7:00-9:00 PM, Bob Langston, SIG Leader.

This month the meeting will be in 3 parts:

First there will be a question and answer period to try to find answers to all those problems that each user confronts in installing, using, and optimizing Windows 95. This usually takes about 1 hour.

Next we will try out the Real Audio Player (v. 3.0) to demonstrate the streaming audio over the Internet that claims to be almost CD quality.

Finally we will try out some Windows 95 tips from the PC World Win95 WWW Site and Windows Magazine.

(These last two items were postponed from the last meeting.)

We always have time for answering questions from the group about multimedia like how to set up your CD ROM, Sound card, or multimedia software applications in Win 3.1 or 95.

We try to orient the meetings to the general computer user at all levels.

Everyone is invited!



PERSONAL FINANCE SIG, Wednesday, January 22, Archer Park Center, Monterey, Sharen Stoner, SIG Leader.

We will continue to discuss various Personal Finance Management Programs. Come and bring your questions. We'll try to find the answers.

Landscape Architect (Continued from Column 2)

With the ability to print in color or black line drawing, Landscape Architect can be a valuable tool to both the home user or the professional trying to make a quote proposal to a customer. Landscape Architect from SoftKey International Inc. System Requirements: 486 processor, 8MB RAM, CD-ROM, Windows 3.x or newer. Street price is approximately \$45. For more information on SoftKey products, set your browser to <http://www.softkey.com>.

Landscape Architect

By Ray Majeski (President SWIPCC)

I'm sitting here at my computer working with a pretty neat program called Landscape Architect from SoftKey International, Inc. If you like to work with landscaping for own home or as a profession, you really should take a look at this CD-ROM.

At the basic level, Landscape Architect allows you to plan your yard, patio, building exterior, park or whatever by simply dragging and dropping various symbols onto a matrix grid. You can select from over 1500 different symbols representing house shapes, bushes, trees, plants and ground cover. As if this wasn't enough, you can also add dog houses, barbecue grills, fences, playground equipment, tools sheds, lots of lawn and patio furniture, different kinds of brick or patio stones, and a whole lot more. There's even a bug zapper that you can put into your backyard scene.

As with most of the newer Windows programs, when you right-click on one of the objects you get a properties information box with details of the object. For example, if you click on one of the trees, you will get the height, width, and depth as well as how old the tree is. You can then make the tree younger by changing its age or modifying its height by grabbing one of the sizing handles and stretching.

Once you've dropped your object onto the matrix grid, each object can be resized, rotated, or moved very easily by using your mouse. You can apply different textures to many of the objects such as bricks, stones and type of grass. For example, one of the sample landscapes is the famous Stonehenge. I was able to change the gray stones to red brick to see what it would look like. (The gray stones look better, but at least now I know).

As you drag your symbols on to the matrix, you see a Walk View of your design at the bottom part of the screen. This is a color rendering of the terrain with all the objects you just arranged. In this view, you can zoom in and out for different perspectives, or have the program walk around the entire area in a circle so you can view your work. I was also able to do a walk through of the area and record my walk for playback later. The walk through can be exported to an AVI file for playback under Windows without requiring Landscape Architect.

As if all that wasn't enough, you can see what your design will look like under different types of weather conditions (overcast, blue sky, sunset, etc.) and different times of the year. For example, I designed a backyard landscape with various types of trees and bushes, a grill and other things. Then by using the Time and Environment Editor I was able to see what it will look like in the Winter with the leaves missing from the trees. Great idea.

Continued bottom of Column 1

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Please allow 10 to 12 weeks for your magazines to start. For renewals you must supply an address label from your present subscription to insure the correct start of your renewal. As an extra service I will mail a renewal notice to every subscriber about 3 months prior to their expiration date.

Special Offer for MBUG Members

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Donations Help!

The following person has generously contributed to the MBUG Equipment Fund during the past month:

819 - Harry Hamilton

MBUG has recently used the Equipment Fund to upgrade the club portable computer with a active matrix color LCD screen to make it more readable to the user and a one GB Hard Drive. We also contributed \$500 to a fund to provide new computers to Pacific Grove High School. We thank you for your continued support of MBUG and its objectives.

Meeting Place For The General Meeting

The MBUG General Meeting is held in the Crossroads Room of the Crossroads Shopping Center, located off RIO Road at Highway 1, just South of Carmel. Access and parking will be much easier than at the Lecture Forum at MPC where we have been meeting for the past few years. The Crossroads Room is upstairs, but there is an elevator on the Crossroads Boulevard side of the building for anyone needing it.

The one absolute restriction is that no one attending an MBUG meeting may use any parking space on Crossroads Boulevard. This restriction does not apply to handicapped parking or to other parking areas in the Crossroads Center, and there is normally ample parking available nearby and closer than the parking has been at MPC.

We hope the new location will be to your liking, and we are hoping also for a better turnout at the General Meetings.

F1 FOR HELP

The **F1 FOR HELP** Program consists of a board of MBUG-PC volunteers who will take your phone calls and attempt to locate an MBUG-PC member to help you if you have a computing problem. They will attempt to support shareware and legitimate retail products. Do not bother to call for help on retail software unless you own it and have an official copy of the documentation.

Look for the **F1 FOR HELP** people at the MBUG-PC General Meetings. They will be wearing nametags with the F1 logo similar to the one in title of this column. If you have a question during the meeting, contact one of these **F1 FOR HELP** people at the break and ask it. If they can't answer the question, they will direct you to someone who can.

	DAYS	EVENINGS	HOURS
Answering Svc.	373-6245	373-6245	Call anytime
Jim Anway	625-5618		2:00 PM - 5:00 PM
George Layton		394-8834	5:00 PM - 9:00 PM
Karl Van Lear		646-8570	5:00 PM - 9:00 PM
Bing Perry	649-4078	649-4078	9:00 AM - 9:00 PM
Bob Shanteau		394-9420	6:00 PM - 9:00 PM
Bob Stephan	646-1899		9:00 AM - 5:00 PM
Clive Sanders	375-5376	375-5376	9:00 AM - 5:00 PM

Use the above hours as a guideline during the week. On weekends and holidays, just be considerate about the time you call.

F1 volunteers offer their services without compensation to anyone who asks for help, with the understanding that MBUG-PC, its Board of Directors, and the F1 volunteers themselves are in no way responsible or liable for the accuracy or the outcome of any advice or suggestions given to anyone requesting help.

MBUG SIG LEADERS

Beginners	Nick Mertes	646-8854
Communications	Jim Robeson	373-6412
	<i>E-Mail jerobeson@bix.com</i>	
Games	Need Volunteer	-----
Genealogy	Bob Stephan	646-1899
	<i>E-Mail 72357.2276@compuserve.com</i>	
InterNet (MoBIE)	Ed West	372-6200
	<i>E-Mail captain@mobie.com</i>	
Multimedia	Bob Langston	624-9641
	<i>E-Mail ebola@redshift.com</i>	
OS/2	Bob Shanteau	394-9420
	<i>E-Mail bshanteau@redshift.com</i>	
Personal Finance	Sharen Stoner	375-0844
	<i>E-Mail sharens@redshift.com</i>	
Shareware	Need Volunteer	-----
Windows95	Bob Langston	624-9641
	<i>E-Mail ebola@redshift.com</i>	

New Members Last Month

With the addition of the following new member ?? last month, our active MBUG-PC membership now stands at 258.

950 - Jack & Lee Ann Harris

Welcome to MBUG. If you get as much help and pleasure out of your membership as we have, we hope you will tell your friends. Better yet, bring them to a meeting. And, don't forget to look in on our SIGs (Special Interest Groups). They are conducted to help everyone, and they are free!!

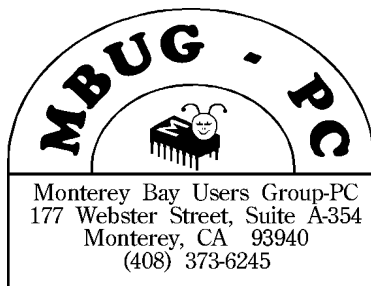
Calendar of Events - January 1997

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 NEW YEARS DAY	2 GEANEALOGY SIG CLDSS Continuing Session	3	4
5	6 GENERAL MEETING CRCSC COREL Corel WP Suite 7.0	7	8 OS/2 SIG APCM Continuing Session	9 STEERING COMMITTEE MEETING FNBC All Persons Welcome	10	11
12	13 MULTIMEDIA / Win 95 SIG APCM Continuing Session	14	15 VISUAL BASIC SIG APCM Start Up Meeting organizational	16	17 INTERNET (MoBIE) SIG FGSPG Continuing Session	18
19	20 Martin Luther King Day	21	22 PERSONAL FINANCE SIG APCM Continuing Session	23	24	25
26	27	28	29 COMMUNICATIONS SIG APCM Continuing Session	30	31	

- NOTE:
- APCM - Archer Park Center, 542 Archer Street, Monterey
 - CLDSS - Family History Center, Church of Latter- Day Saints, Noche Buena & Plumas, Seaside
 - CRCSC - Crossroads Room, The Crossroads Shopping Center, HWY 1 & Rio Road, Carmel
 - FNBC - Community Room, 1st National Bank of Central CA, 601 Abrego Street, Monterey
 - FGSPG - Multi-Purpose Room, Forest Grove School, 1065 Congress Ave., Pacific Grove

*All meetings start at 7:00 PM except as noted
Crossroads Room will be open at 6:30 PM for General Meetings*

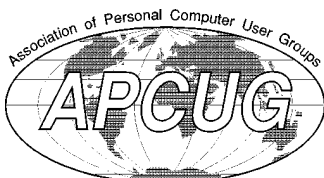
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