

Brevard Users



Brevard Users Group is a Member of the
Association of Personal Computer Users Groups

April 2002 Group

Prez Sez

by George Rymer

Ladies and Gentlemen, I want to take this opportunity to “**Blow Our Horn**”. Most of you are not aware that the publication you are now reading won the **Grand Prize** in the **Newsletter Contest** at the **Spring Meeting of the FACUG** (Florida Association of Computer Users Groups). This is an Honor of which we are very proud. The Kudos go to Jack Nash, Jim Townsend, Ed McEwen and John Williams. They all work very hard to give us a top notch publication as evidenced by this award. They go that “Extra Mile” and do the unnecessary to put us on top. The “Grand Prize” which consisted of Adobe Acrobat 5, Adobe In Design 2.0, Photoshop 6.0 and Illustrator 10 software suite and was donated by Adobe Systems Inc. I don’t know the exact retail value of this package, but the cumulative individual cost is approximately \$1600. I would Imagine the Suite would retail for somewhere around \$1000, plus or minus. Hopefully this package will help the Newsletter Team produce an even better product with greater ease. “My hat is off to you, Gentlemen” and I am sure the Membership at Large share my feelings.

At our March monthly meeting held on the 21st, Mary Alice Grant, a BUG Club member gave

an outstanding presentation on Digital Cameras. She was very concise on what features you should look for when you buy a camera and the minimum standard for each. She demonstrated how to use the camera and then down load the images to the computer. Once down loaded, she showed how to manipulate them by adjusting the sizes, adding to albums and discussed saving the images to different types of media (Floppy disk, Zip Disk, CD-R and CD-RW). This was a very comprehensive presentation and presented in layman terms. The audience was very attentive throughout the entire presentation. Thank you Mary Alice for a job well done!

Members, don’t you have a subject you would like to present to the membership? We all know something, lets share it with our fellow members like Mary Alice and Ed McEwen. Feel free to contact me and volunteer.

Our Door Prizes for March were: 1. Veo Stingray Web Cam, won by Bonnie Strand 2. A One Year BUG Club Membership Extension won by Ed Warren 3. & 4, Mouse Pads won by Iris Wilson and Al Buchanan.

I would like to thank all of you for your support and say, lets “Keep On , Keeping On” Until next month, “Y’all take care” and watch out for the “Blue Screen of Death”.....



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Newbies Corner

by Jim Hally B.U.G. member

Squeeze it in

I just finished typing up a letter in Word for a golf tournament and it looked good until I printed out a hard copy to proofread it. Yuck!, two lines on a second page. How annoying. You can easily fix this in Word or Wordperfect by reformatting it.

In either program.

Go to File on the Menu bar.

Select Print Preview.

Click on the Shrink to fit button on the toolbar.

System tray

The System tray is located on the right side of your task bar next to the clock. I know I have covered this before but we still get questions at the SIG meetings. Another prompt for the column was a recent letter to PC World magazine by a fellow who had 20 items in his tray. I am sure none of our users have that many, but just how many do you need? To take it a bit further, ask yourself if you need them running all the time. As long as they are in the System

tray they are running as soon as you start the computer. They are using up part of your RAM.

Some of the icons are easily identified. For those you don't know just hover the cursor over them and it will give you and it's name will appear. Of course you don't want to stop your anti-virus or firewall programs.

Right clicking on an icon will bring up a pop-up menu. What you are looking for is an close or exit option. Remember you can always open the program from the Start, Programs procedure you use all the time. You may get the opportunity to close the program and restart it the next time Windows starts. The obvious answer is No.

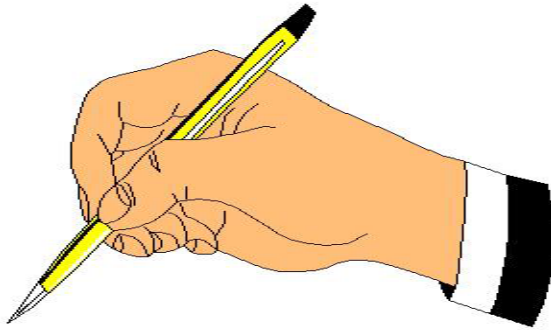
If this easy solution isn't available it gets a little trickier. Try to find preferences or options on the pop-up menu. Another way is to try opening up the program and see if there is something there that can prevent the starting up of the program.

Finally you can always stop it by taking the check mark off in the Start up folder.

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BUG Meeting before the opening March 2002



Treasurers Report

By *Ted Glaser*

Account Balances as of 21 MAR 02

Checking Acc't	\$ 533.07
DDDW Savings	2145.63

New Members: WELCOME!

O'Dea, C - #1177

The following have renewed:

Thanks!

Crowley, C - #1054
 Davenport, F - #1101
 Ellis, J - #1050
 Frank, P - #1147
 Goulstone, R - #1155
 Grant, M - #968
 Guyton, J - #806
 Hammergren, N - #1102
 Miller, G - #965
 Mills, L - #1152
 Seaman, W - #1097
 Strand, B - #784
 Thompson, D - #928
 Vartanian, G - #1042



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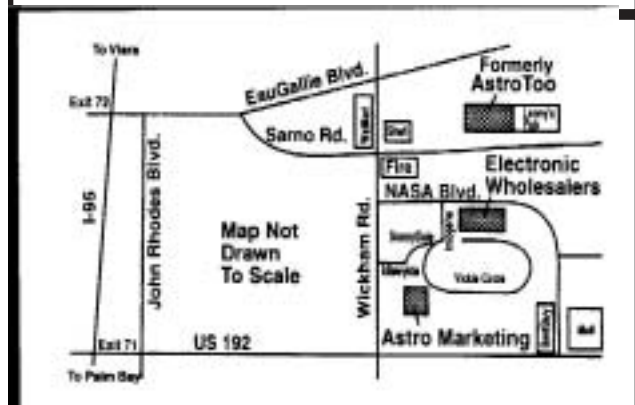
6949W. Nasa Blvd. (321) 727-9010

W. Melbourne, FL 32904 Fax: (321) 253-2292

Web Site: AstroToo.com

E-Mail: Astro@AstroToo.Com

NEW LOCATION!



Wanted!

The BUG Club needs an old laptop that runs DOS, or Windows 3x. It would be used for the Treasurer's files.

This would allow the program and records of the present treasurer to be transferred to a new treasurer without the new treasurer having to fill up his hard drive, etc. to keep our records. It would also avoid the Club having to invest in new software when the officers change.

Anyone who has an old unit gathering dust in a closet they are willing to donate, please contact the President or the Treasurer.



A New Hard Drive

By Jim Townsend *BUG member*

So you bit the bullet and finally bought that new hard drive. Now, how are you going to set it up and transfer all your files? There are several programs you can buy that will assist you in doing this; Drive Image, Ghost, and Drive Copy are three of the best known. But a lot depends on how your old drive is formatted, and whether or not you're happy with the way the system is performing. If you're having a lot of BSOD, error messages, or lock ups, if you have installed / uninstalled a lot of programs, it will probably be better to clean install Windows and your other programs. If you have a CD-RW drive it will be easy to breakup your data files into segments of 650MB or less and burn them to CD. If the old drive is Fdisked with logical drives (D:, E:,...) and you have your data files stored on one of the logical drives you can access them by making that drive a slave drive. Depending on the size and free space on the drive you could also use Partition Magic on a large drive to separate the data files onto another partition.

Some of the problems you could have are: not having the program disks, not having a Windows CD, or a boot floppy. This is mainly on machines that give you a "Restore" CD instead of the programs that are loaded on the hard drive when you buy the machine. All of the restore CD's I have worked with (3) will only clear the drive (F-Disk) and format and load the included programs on one partition, not allowing you to set up logical drives. Another more difficult problem, if you're not going to use the restore CD, is having the driver files for the motherboard. Most motherboards come with a CD of driver files that are loaded after you install the operating system, with a restore CD I haven't been able to extract these files from the CD. You may be able to go the manufacturers site and download them. These are things you will want to have done ahead of time. If you do use a restore CD, you may be able to use Partition Magic to create logical drives after the restore is finished.

I would setup a 40 GB drive as follows:

C: - 5 GB - For the operating system and some programs that insist on going on C and the one's I forget to switch to D. Plus every program you install puts something on the C drive. Windows XP takes about 1.4 GB's

D: - 10GB - For program files

E: - 10GB - For pictures and I keep my Windows swap file on this drive along with the Win 98 folder from the Windows install CD.

F: - 10GB - This drive is where I store all my data files and downloaded files. By keeping them in folders it is easy to burn them to CD's for backup.

G: - 5GB - This is used to store CD Image files and the related labels or you could store your music files here.

Your needs could be different then mine, you may want to increase or decrease the amount of space on various drives. By creating logical drives you can keep the time to defrag down, we get a lot of complaints at the Win 9x SIG about it taking all day to defrag a drive. With only your programs on D that drive will not get fragmented very much. Most of the fragmentation on C drive will be from the Windows Temp folder, the Temp Internet, and Cookie folders that you delete. If you ever have to format C & D drives and reinstall Windows and your programs, your data files will still be on the E, F, and G drives.

After your drives are setup then go to the control panel and change the drive letters for the CD drives, I use R for the reader and W for the writer, I also set my internal Zip drive to Z. Go to Control Panel/System/Device Manager Click the + sign next to CDROM then double click on the cd-rom name, click Settings, and change the Reserved Drive Letters. With this configuration you can increase or decrease the logical drives with Partition Magic without affecting the Cd's or Zip drives.

Another advantage is to make an image of the C drive with Ghost or Drive Image, after you have Windows running your way, then it's just a matter of restoring the image, instead of having to install Windows and then tweaking it to your way of working.



Caveat Emptor...

Judy Lococo, Association PC User Groups

I recently replaced an old computer with a brand, new, sparkling, whisper-quiet Pentium 4 speed demon. I asked the vendor to install Windows XP Professional, and I subsequently installed Office XP Professional. There was no other software on this “clean” machine, but because I have a local area network with another machine in the office, and the other machine is connected to an ADSL line, I decided I needed a firewall and an antivirus package on the new machine, too.

Symantec has always had my Antivirus (AV) software protection of choice, and although there have been a few problems with their products along the way, it was never enough of an irritation to provoke an article. But Norton Internet Security 2002 most definitely is. It is supposed to include a personal firewall to defend against crackers, antivirus protection, privacy control to keep your personal information private, and a parental control to keep your children safe on the Internet. It looks very similar to previous releases of Norton Internet Security (2000 and 2001), which I’ve used on other machines running Windows 95/98 and Windows NT Workstation 4.0, but the previous versions are not compatible with Windows XP. So I installed the latest version to protect my new workhorse.

The installation was not fun, and contained several error messages stating that some script or other was not able to run & did I wish to continue. I was finally able to reach the end of the line, and was prompted to restart the computer, and run a Live Update as soon as possible. My computer restarted, and then it restarted, and then it restarted again, and finally restarted again. I was wondering if I would ever be able to keep it on long enough to see the splash screen! But I did finally get to see the XP screen again, and noticed that the antivirus icon on the taskbar had a big red “X” through it. Being such a good little girl, and always doing as I’m told, <g> I started the Live Update, thinking possibly this was why the icon was inactive. But the software did not even try to update the antivirus definitions, and even

after asking for all the latest bells and whistles Symantec had, it still was not enabled. I tried to enable the AV and it refused from any point I tried. After several hours of trying to get this product to work properly, and calling in the mounties (AKA resident Alpha Geek) to try to make it work properly. I gave up in exasperation.

My next strategy was to uninstall the program, as everyone knows by now that you cannot install one AV over another, and just maybe I could re-install the software and overcome the problems with the initial install. But it refused to let me uninstall it, saying I had to disable the antivirus part of it first. But I could not do that anywhere that I could find, as all it would do was inform me that it was already disabled. Finally, the Alpha Geek was able to convince the software through the XP side of things that, indeed, the antivirus had been disabled. However, this was all for naught, as it now said I could not uninstall it unless I logged in through the “Supervisor” account. There was no supervisor account! There were only two accounts on this machine, my account, and a guest account.

Panic. Desperation. Anger at a company who had always been a trusted friend, and now was just a shareholder’s country club. Finally, disgust at what choices I now had because of one piece of buggy software that was not ready for prime time.

I logged onto Symantec’s web page to look for some tech support. After searching through all the FAQ’s, and finding nothing that resembled the problems I encountered, I tried to contact them with a personal message. But there didn’t seem to be any place to reach them with a personal message, only a “forum” where others could post their requests as well. So I left a public message in the forum, asking for guidance on how to uninstall Norton Internet Security 2002.

I did find a LOT of other messages from people who were having similar problems. Only a handful of them had any replies, and those replies basically said

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Caveat Emptor continued from Page 6

to use a file on their website to uninstall the software. But to do that, one had to hack the registry in order to disable the antivirus, etc., and the solution was quite convoluted. Definitely not for the fainthearted, and definitely not something you wanted to do to a brand-new computer. And the replies to previous messages were the standard party line, even after some of the participants explained that their party line did not work either. FWIW, the solution utility posted on their website was not supported by Symantec, so if you chose to uninstall the software, using the files off their website, you did so at your own risk.

I finally received a response from Aaron at Symantec. I got the same party line spiel that all the others did, which means I will have to spend a lot of time getting my machine back to a point where I can use it. So basically, they have wasted a lot of my time, and \$60.00 of my money to tell me that I now have to do it myself. Hrnmm. I believe they are the ones who caused it, why aren't they the ones cleaning up their own mess??? Why hasn't there been a recall of this product? Why don't they have a legitimate fix for the problems? Notice problems is plural. People are still being snookered into buying this joke, thinking it is compatible with XP, when plainly it is not.

I think it will be easier for me to just reformat and reinstall than to try to clean up this fiasco they have caused. I am perfectly capable of bugging up my own machine, without any help from the outside world. I will now move on to another company who is actually ready to protect my XP computer, and ready to accept responsibility for their mistakes. I have to wonder, though, if the term "class action" would hold any incentive for them to get their ACT! together. Pun not supported by author...

This article is brought to you by the Editorial Committee of the Association of Personal Computer User Groups (APCUG), an International organization to which this user group belongs.



Review — Drive Image v.5.0

by **Douglas Mechaber**, LACS MCNE, MCSE, CCDA, CCNA

INSTALLATION PROBLEMS

I carefully reviewed my Drive Image Pro 3.01 notes, reread a review from *PCMagazine*, and sat down to try out version 5 of *Drive Image*. It wouldn't install on my Windows 95 partition, stating that a program needed for the install wizard wouldn't run — "no such interface supported." I rebooted to my NT partition (SP 6), but Drive Image isn't supported on any server - a new version enabling remote deployment replaces the Pro version of Drive Image — so I switched computers. Even the demo wouldn't run on that computer, but I did catch an error: the demo splash screen indicates version 4.0 of Drive Image, although the menu bar of the deploy wizard clearly states 5.0. In my funk, I had forgotten that Drive Image won't run on any server version and thus I had to run this version under DOS.

IMPROVEMENTS

Version 5 of Drive Image will run on Windows XP. New in this version are: support for up to 80 GB drives; improved speed for supporting CD-RW drives; a QuickImage utility principally for quick, scheduled backups; and editable virtual floppies, so you don't have to put in a floppy disk when you need to reboot. Unfortunately, there is no support for spanned or striped drives, as Drive Image does not support dynamic drives. Because Caldera DOS is included, drives that run nonconsumer Windows versions (NT/2000/XP), Linux and OS/2 are supported while allowing a common image method to support the disk manipulations. Removable media (Jaz, Zip, even Castlewood Orb) are supported if the BIOS supports these drives.

OPERATION

Drive Image backs up and restores images of a partition or your entire hard disk - think virtual hard disk or drive letter. This task may be scheduled, to provide some disaster recovery, or written to a CD-R so that the image may be used to ease setup

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Review of OmniPage Pro 11

by *Hyman L. LaVere, LACS*

INTRODUCTION

Having just recently reviewed OmniPage 10 before edition 11 was available, I was anxious to review this product when it became available. Generally, when an upgrade becomes available soon after the last issue, I am somewhat skeptical. Is this upgrade really worthwhile or is it just a cosmetic improvement? Hopefully, this review will answer that question.

The maker Scansoft claims, in Ver. 11, the most accurate engine OCR technology with new functionality such as user friendly PDF input/output capability. Also claimed is "IntelliTrain" Proofing, which uses previous corrections to improve OCR results and lessen correction errors. I intend to fully test these claims and others that are touted in this version and give you my best effort in evaluating them.

My main interest in this program was the fact that I am involved in desktop publishing. I edit and publish an 8-page newsletter for a retiree organization. The inputs that are sent to me are usually typewritten text. I scan and insert these into my word processor for editing and other formatting and corrections. I then put these text files into my desktop publishing program. OCR or optical character recognition is therefore an integral tool that I use extensively.

INSTALLATION

The program comes on a single CD. The reason that I mention this fact is because OmniPage Pro 10 came with 2 CD's, the other CD being a WEB publishing program. I find this rather odd, since the price now is somewhat higher than version 10, and, in view of this, Scansoft should have included this additional program. It would be most helpful for users with an interest in web publishing and the distribution of documents on the web.

Installation was very conventional. The installation program easily recognized my brand of scanner, (MAG Model 3050) even though it was not listed on the supported scanner list. It also recognized my word processor and activated the automatic OCR from within my word processor, namely Word 97. Just to make sure, I ran the scanner setup wizard to

verify that all of the pertinent data was there, and it was. I then ran the scanner tests, and it passed all of the tests and informed me that the program was ready to go.

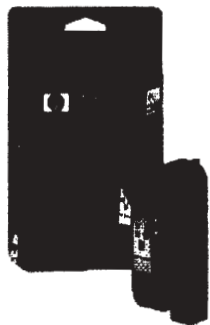
FEATURES AND OPERATION

The interface is slightly different from version 10 in that it has been somewhat simplified and made more intuitive. Once installed and running, the main window offers the choice of setting various program options. There are three modes of operation: Auto OCR, Manual OCR and OCR Wizard. The first two methods can be customized for your personal requirements and the complexity of the scanned material through a series of settings. The OCR Wizard on the other hand, asks a series of questions and depending on your choices, sets the various parameters automatically. For the majority of users, this would be the user-friendliest method of operation and it works very well. You can also schedule OCR jobs to be performed automatically with the "Schedule" wizard, which allows you to specify settings and starting time for unattended operation. For complex documents with text and graphics, the program has zoning tools and templates, which allow you to customize properties and the output of the job. One oddity of the installation is that it does not ask to install an icon on the desktop, which necessitates running the program from the Start\Run\Programs method. This can easily be fixed by creating a shortcut and dragging it to the Desktop

The Scansoft.com web site is very helpful in curing installation problems. (There were very few). The on-line FAQ section has 165 typical problems that can occur within this product. The manual is a concise 92 pages of which 66 pages tell you all there is to know about running the program in each of the modules. The main desktop displays your scanned document in a thumbnail view, an image view and a text view, identical to Ver. 10. After proofing and editing in the image view, the questionable words and items not recognized by the OCR are highlighted. The scanned document is then placed into your word processor in an editable form. The formatting, images and other objects are maintained,

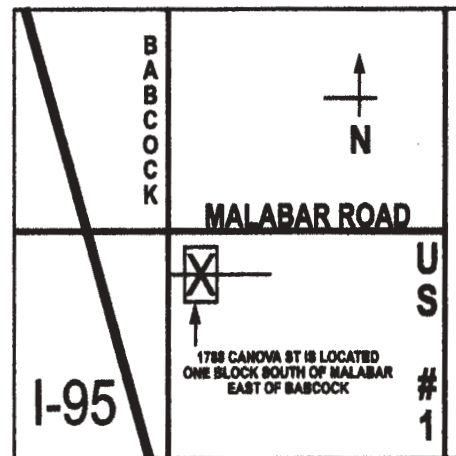
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Got Ink?



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and
New Cartridges

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Cartridge mart

952.8177

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depending on the preferences set before the scan.

SUMMARY

The main reason for programs of this sort is to turn images (read text) into computer editable text and turn paperwork and images into manageable and storable megabytes of memory, taking the place of a bulky file cabinet. Is this upgrade necessary? It depends on your requirements. The reasons given in the advertising literature are as follows.

1. Better OCR recognition? I would say yes in a minimal sense. The literature claims a 40% decrease in word recognition errors. This is hard to measure exactly, although I did see a small improvement in word recognition.

2. PDF input and output? Since PDF format is the standard of the industry with regards to Web printing and reading operations, this upgrade or program would be a welcome addition to people in the industry. It can convert between PDF and

Microsoft Office and 20 other formats. However, you would still need the regular Adobe *Acrobat* program, version 3.0 or later to do many of the web operations connected with the PDF format. The program also saves the output in 30 additional formats covering most of the major programs used in today's computing environment, including HTML. It recognizes images (read text), in all of the major languages in the world. The voice read back feature has been improved, incorporating the Microsoft voice engine used in the new XP operating system, which was released in October 2001. It can read back in all of the major covered languages. This feature was also in version 10, but without the extensive language coverage.

All of the other reasons given are, in my opinion, cosmetic improvements and most of these features, although improved, are available in version 10. One example of cosmetic change, touted in their litera-

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ture is the so-called “Despeckle Module”, . After spending much time looking for this module to test it and evaluate it, I could not find it. Tech support advised me of the following: “The despeckle module is actually built into the program. It is not a setting that you can select. There is not a way to turn it on, because it is always working.” You have to take it on faith because honestly, I did not see any evidence of this feature working.

The program does a good job in the WYSIWYG (What you see is what you get) category, somewhat improved over ver. 10 in maintaining the look and feel of the original document.

For these reasons, I would say that if you are a professional user with a heavy volume of OCR and Web requirements, then this upgrade is highly recommended and has all of the “bells and whistles” you would need. If you are a new user, this OCR program is probably the best available today for the price. For the hobbyist or home user with Version 10 and with infrequent need of OCR capabilities, I would not upgrade since the version that you have does 95% of what Ver. 11 does.

If you have basic computer skills and the required hardware you should have no problem learning and using the program. The OCR accuracy factor as stated previously was much better than Textbridge Ver. 8.0 and somewhat better than OmniPage version 10 program. The claim of 99% plus accuracy is borne out generally on a good original copy, which is true in both versions 10 and 11. Graphical representations such as tables and graphics, the so-called “true page” representations were much better in Version 11 over the other versions that I have mentioned. The integration with word processors, spreadsheets and other Microsoft Office programs is very good. When all is said and done, this is a good OCR program. Did the time you spent fixing recognition and typographical errors take less time than you would have spent retyping? Price: On various web sites the price ranged from \$103 to \$129.

CompUSA had it for \$130, Fry’s \$100 for Upgrade to Ver. 11., Scansoft upgrade price is \$90 from Ver. 10

Scansoft Inc., 9 Centennial Drive, Peabody, MA

01960 www.scansoft.com.

COMPUTER REQUIREMENTS

IBM or compatible Pentium with 32 MB of memory (RAM), 64 MB recommended, 75 MB of free hard disk space plus 10 MB of working space during installation, 9 MB for Microsoft installer, (MSI) if not present and 44 MB for Internet Explorer if not present. (These are present as part of the operating system in W98, ME and 2000.)

SVGA Display (256 Colors) with 800 x 500 pixel resolution, CD—ROM drive for installation. A compatible scanner and mouse. Operating System Requirements: Windows 95/98/ME/2000 or NT 4.0.



Newbies continued from Page 3

E-Mail etiquette

Some of my first lessons on the web were you don’t use the reply button on E-Mail because the poor person who sent you something will get back what he sent you in the reply. Chances are pretty good that they know what they sent you. I mean, get real.

Let’s say I sent this column to a friend and used Ballgame/Newbies in the Subject box . I start off the E with Richard,do you want to go to a Marlins game on Tue., and the next line is Newbies Corner. Do I deserve to get the whole E back or just a reply to my query ?

The second point driven home was not to send on Forwards by just forwarding them. Clean them up first. You know what I mean, all those >>>>>> before every line of type.

Not only that but you get all the address headers of every Tom, Dick and Harry who got the thing forwarded to them and just clicked it on to the next fool. I could care less what Fred’s second cousin’s E-Mail address is. All of this takes time to download.

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Pc 101 WHAT IS A MODEM?

by Tom Dion, *The computer Club, Inc.*
Reprint from the *space coast PC Journal*, March 2002

The Modem (MOdulator-DEModulator) is a device used to interface your computer with the telephone line. The modem converts the digital protocol that is generated by the computer to the modulated analog signal used by the telephone.

Your message is converted to the telephone analog protocol by your computer modem, transmitted over the telephone lines and reconverted at the receiving end back to the digital protocol that your computer understands. Normally, 8 conversions per bit

This is not quite true anymore. Most transmission is done over the phone lines in digital mode. This means that your message is converted to analog by your phone modem, reconverted to digital by the phone company, transmitted over the phone line as a digital signal, converted back to analog by the local phone system at the other end and reconverted to digital by your computer. It is a wonder that it works at all.

There are many factors related to the speed of transmission and reception you may get from your computer using a modem. You may be connected at the maximum rate of 53,000 bits/second (The maximum allowed by the phone connection, NOT 56000bps) but your reception may still be slower than another computer connected at the same speed. The data you receive is transmitted in compressed form. Your computer must uncompress this data before it can appear on your screen. An older and slower computer may also have slower operation due to the fact that it can not keep up with the incoming data. A faster computer is always better.

The part of the telephone system which you may be most able to improve is your telephone premises wiring. If you rarely get 48,000bps or 52,000bps connects, try the following:

Start at the distribution box where the telephone line comes in from the street. Remove and clean all corrosion from the wires and terminals and replace the wires (all of them). Sometimes, just tightening the terminal screws will do the job. Remove the cover from the telephone outlet in your computer room, clean and tighten the connections Start the computer and load the Internet. Check the speed before and after cleaning the terminals. Other factors that can affect modem performance are bad phone jacks and plugs, cheap phones, old antique phones, or too many phones or other devices. You can determine if your premises' wiring or equipment is affecting your CONNECT quality by disconnecting all lines at the terminal box and running one line directly to your computer. Perhaps you've heard of the phenomenon of the "dirty line." Often in rural or rainy areas, phone lines were shoddily installed with the rationale that they'd carry only voice or low speed data traffic. The 56Kbps modem asks many data lines to perform a task their installers simply never envisioned.

The "dirty line" not only slows the operation of your modem but can cause disconnects from your ISP (Internet Service Provider). If all else fails, call your local phone company and ask that your incoming line be checked. You can download at the higher speed (52,000bps), but your upload speed has a maximum speed of 28,800bps. Good for browsing, bad for sending audio and video files to friends and business associates. If you travel a lot and plug your RJ-11 cord into the data port of your hotel's phone set, don't expect your 56K modem to deliver more than 28.8K speed. It can't, because any data line connected to a PBX will dumb itself out to 28.8K and below.

One last point. Your modem is the most vulnerable device in your computer to a lightning strike. Unplugging the computer will not stop lightning damage to your modem. You must unplug the modem from the wall socket to protect it!



Drive Image continued from Page 7

tasks. Because some programs require different numbers on each used image, included is a hard drive number random serializer. Drive Image supports image compression, in one of three degrees of compression. When used in the disk-to-disk copy mode, you may resize the partition image to match new drive parameters, without needing a copy of Power-Quest's *Partition Magic*. My Windows 2000 computer is usually set as a server and includes striped or mirrored arrays, so I also missed the ability to use Drive Image under these circumstances.

DOCUMENTATION

The slim manual is good, but you must read the appropriate chapter(s) in the User Guide if you use different drivers to access your drives, such as SCSI, translation software, or any other non-garden variety of system setup. If you are new to this program, configuration is not completely intuitive. A quick start brochure does make first use easier, but there are only six pages of troubleshooting information in the manual. Error codes are included under the Install program, but if you can't install, you must go to the web site, which lacks much version 5 support information.

CONCLUSIONS

Compared to similar products, *Drive Image v. 5* is best suited for upgrading your system to other drives and limited disaster recovery. *System Guardian XC/2000* is best suited for server or workstation disaster recovery. *Nor/on Ghost* adept at creating images used over a LAN. This version of Drive Image is somewhat faster than version 3, and Drive Image let me extract a single file, without using the whole image. But unlike System Guardian in Drive Image you cannot update an image by sending only changes. Therefore, System Guardian is considerably faster than Drive Image. However, because System Guardian does not boot to DOS, it cannot easily support drives that need translation software to run.

System Guardian also supports servers, but it is more expensive than either Drive Image or Ghost.

Norton Ghost can send images over the LAN, USB and other connections, but it is not as easy to use as either Disk Image or System Guardian. Norton Ghost also requires different created boot disks, depending on the type of image to restore, whereas Drive Image uses either the virtual disk or a set of two rescue diskettes created by the program.

PowerQuest Orem UT. (800) 379-2566. <http://www.powerquest.com> support@powerquest.com. \$70 list.



Newbies Corner Continued from Page 10

Get the >>> out of here

Copy the body of the letter.
Open up Word or Word Pad.
Paste in the letter.
Go to Edit on the Menu bar.
Go down to Replace.
Type in the > sign on the Replace line.
Leave the second line blank.
Hit the Enter key.

Poof!, the >'s are gone. Copy and paste this into an E that you would like to send.

Be kind not lazy.

A little more

As I stated at the top of the column, I wrote a letter for a golf tournament. I sent the same letter to several local courses. In the letter I named the course i.e. The Habitat, and used the name two or three times in the letter. I used the Replace feature to replace The Habitat with Aquarina by filling in the second line (replace with) with Aquarina. All the "The Habitat's" were changed to Aquarina.



Disk of the Month: April, 2002

Compiled by Jim Clear & Rex Cummings

* all zip files have been converted to executable zip files.

- 1955 Chevrolet Bel Air.jpg Desktop Wallpaper Picture.

- Crystal Waters.jpg Desktop Wallpaper Picture.

- Dreamscape.jpg Desktop Wallpaper Picture.

- Hovering along the Countryside.jpg Desktop Wallpaper Picture.

- Shadows in the Sand.jpg Desktop Wallpaper Picture.

- Desktop setup text to help those who do not know how to change their wallpaper. (Desktop Setup.TXT) for Win95 or 98

- **Acropad PDF Creator 1.0** (acropad.exe) by Dreamscape. >From the developer: "Program like Notepad but saves in PDF format, without Acrobat. Just open the text or RTF file and save it as PDF; you can select the line feed, the page properties, the font and many more features. System Requirements: Windows 95/98/Me/NT/2000/XP Purchase Information: Free

- **Connection Keeper 5.0** (conkeep.exe) by Gammadyne Software. Connection Keeper prevents your Internet connection from appearing idle or inactive. It does this using almost no bandwidth or system resources. If a connection is lost, Connection Keeper can automatically dial back in. It can even automatically simulate a button click to close popup windows (such as those asking if you wish to remain connected). You can configure precisely how your line is kept active, and Connection Keeper's window can be minimized to the system tray. System Requirements: Windows 95/98/Me/NT/2000 Purchase Information: Free

- **CoolTimeZone 1.2** (timezone.exe) by CoolTick.com. >From the developer: "CoolTimeZone is a free scrolling time ticker that shows times and dates for as many locations as you want. You can view in 24hr format or show day-of-week. It remembers all your settings." System Requirements: Windows 95/98/Me/NT/2000/XP.

Purchase Information: Free

- **Escaping Jail 2.1 Game** (Escaping Jail.exe) by Escaping Jail. >From the developer: "Escaping Jail is a medieval puzzle. Its name is reputedly derived from serfs sentenced to the dungeon for petty crimes. As legend goes, they would attempt the puzzle before serving their sentence to prepare them for the rigors of incarceration. Alike the 'real' life of these serfs, the large tile personifies a serf in his cell. The object of the game is to free the large tile through the point of exit in the bottom of the board by sliding the tiles. Try to solve this puzzle..." System Requirements: Windows 95/98/Me/2000/XP. Purchase Information: Free

- **Gravity Wells 1.6e Screensaver** (Gravity Wells Screensaver.exe) by Mathematically Beautiful Screen Savers. Gravity Wells displays the quintessential blending of color, motion, and mathematics. Specify the number of emitters and attractors along with the gravity and color properties to create the ultimate in eye-soothing graphics. Stereogram settings are available, along with a selection of themes to showcase the effects. Field-level online help is included, as well as a wide variety of default settings. System Requirements: Windows 95/98/Me/2000/XP. Purchase Information: Shareware; \$10.00

- **IP Finder 1.0** (ipfinder.exe) by Daniel Moix. >From the developer: "A simple program under 25Kb that easily lets you find your own IP address, and resolve hostnames to IP addresses using the DNS. It's a geek thing." System Requirements: Windows 95/98/Me/NT/2000/XP. Purchase Information: Free

- **Optimizer XP 3.2** (optimizerxp.exe) by Windows X. >From the developer: "Optimizer XP will help you optimize all your PC system to best performance without any options. No experience required. Just select mode to optimize or restore your system. It's hard to believe this is free for powerful optimizer program." System Requirements: Windows 95/98/Me/NT/2000/XP. Purchase Information: Free

DOM continued on Page 14

FOR SALE HARDWARE

- 1) Canon 6000 bubble jet printer with extra inks. \$50
- 2) 2.1 gig tape back up with 3 tapes (tapes alone \$60). \$50
- 3) 17" MONITOR, WILL BUY 19" WHEN THIS ONE IS SOLD \$75.
- 4) (2) TWO 256X133 MEMORY CHIPS \$45 EACH OR BOTH FOR \$80, PUTTING IN 2 - 510X133 IN MY COMPUTER

SOFTWARE

- 1) BOOK "SOFTWARE 4 DUMMIES \$5
- 2) APACHE HELICOPTER \$5
- 3) SPORTS ILLUSTRATED SWIMSUIT CALENDAR \$5
- 4) PC-CILLIN \$3
- 5) DARK FORCES \$10
- 6) FLIGHT SIM '98 \$5
- 7) FALCON 4.0 \$10

Call IVAN STILLWELL 255-0674



DOM From Page 13

- **pcAudit 1.0** (pcaudit.exe) by Internet Security Alliance, Inc. >From the developer: "pcAudit is a free security evaluation program, a tool used to demonstrate the need for application control at the level of individual modules. It shows how the lack of this control could allow a "hacker" to bypass a conventional firewall unnoticed. If successful it means this computer either does not have a security program installed, or the present program was ineffective in blocking the data sent from this computer to Internet Security Alliance's server (which it absolutely should have). In either case there is a security problem. Upon completion of the audit, the user will receive a detailed evaluation report on the security status of his/her computer and if needed a recommended security solution, pcInternet Patrol." System Requirements: Windows 95/98/Me/NT/2000/XP. Purchase Information: Free



FOR SALE

AMD 5x86-133 = P75

256kb Cache memory
24Mb of Ram

1.6Gb Hard drive
6X Mitsumi CD-Rom drive
3.5 Floppy drive
SB-16 sound card
S3 Trio 2MB Video card
10m network card
33.6 US Robotics Voice Modem
Citizen 200GX Dot Matrix printer
Keyboard & Mouse
14" Monitor

Windows 98se

Pentium 486-100

256Kb Cache memory
20 MB of Ram

2.1 GB Hard drive
8X NEC CD-Rom drive
3.5 Floppy drive
5.25 Floppy drive
SB-16 Sound card
14.4 Modem
Keyboard & Mouse
14" Monitor

Windows 95
MS Office 95 v7
Corel Office Suite 7

The first buyer has their choice from 3 monitors.

The second from 2 monitors.
Either machine \$100.

Contact Jim Townsend @ 728-5979
jtowns@digital.net

Brevard Users Group Membership Application

First Name _____

Last Name _____

Address _____

City _____

Home Phone _____

State _____ Zip Code _____

Work Phone _____

Occupation _____

Family Membership (\$25.00)

E-mail address _____

BUG Club Information

WIN 9X/ME SIG

Meets 7:00 PM Thursdays
1st & 3rd Thursday at Eau Gallie
Library
All Other Thursdays at Melbourne
Library
on Fee Avenue

BUG Board of Directors

Meets the second Wednesday of the
month
at C.M. Corley's home. Time 6:00 pm
Call 253-3050 for directions

NEWSLETTER SIG

Meets twice a month on the Saturdays
before and after the BUG monthly meeting.
Members interested in helping develop the
newsletter are welcome.
Place is Jim Townsend's home
call 728-5979 for directions.

TINKERS & INTERNET SIG MEETS
AT THE EAU GALLIE LIBRARY ON THE
3RD MONDAY OF THE MONTH

Time 7:15 PM
and on most Saturdays or Sundays at
Bob Schmidts house. Call 952-0199

Benefits of Membership In The Brevard Users Group

Annual Subscription to the B.U.G. Newsletter

Some Internet Service Providers give discounts to
club members.

A monthly Disk-Of-The-Month containing some
Freeware and Shareware software.

Seminars and Workshops.

Special Interest Groups (see back page)

Fellowship with other knowledgeable computer
users. Stimulating and lasting friendships.

BUG E-MAIL LIST

To be included in the BUG E-Mail roster,
send an E-Mail to George Rymer at:
grymer@cfl.rr.com.

We will need your full name, E-Mail address
and your BUG membership number. You will
then receive notices and updates on BUG
activities, special events, changes to
schedules, etc.

Sponsorship Rates

	3 Months	6 Months	12 Months
Full Page	\$160.00	\$ 310.00	\$ 550.00
Half Page	\$ 85.00	\$ 160.00	\$ 300.00
Qtr Page	\$ 45.00	\$ 85.00	\$ 150.00
Business Card	\$ 25.00	\$ 45.00	\$ 85.00

Brevard Users Group Directory

Meetings:

Are held at the Melbourne Library on Fee Ave. the third Wednesday of the month at 7:00 PM.



Membership

is by application and payment of \$25.00 annual dues. Membership is for 12 months from receipt of dues and includes a year's subscription to the newsletter.

Mentor Program

John McNeil 723-5550 AutoCad

Frank C. Miller 729-9589 Graphics

Al Buchanan 728-2789 Works 4.5

C. M. Corley 253-3050 Win 95/98

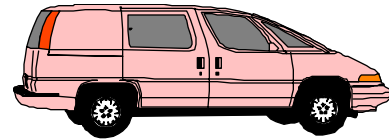
Bob Staples 255-2623 Win95/98

Frank C. Miller 729-9589 Win 95

Bill Ranck. 676-7908 Word Perfect

Rex Cummings 242-9601 Netscape

Mary A. Grant 253-5666 Word 97



MOVING?

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Attn: Treasurer

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& e-mail to the Newsletter

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BUG WEB Page:

http://www.geocities.com/bug_club/index.htm

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