

ACPCUG

April 2002

From The DealsGuy, by Bob Click, Greater Or- lando Computer Users Group Any Takers?

I have been writing this column for better than seven years and enjoyed it throughout. Because of declining health conditions, I would like to "pass the pen" to a new writer. It needs new blood anyway, with fresh ideas, not to mention more energy. If anybody is interested in buying the "Deals Column," please let me know. You would get the domain name as well, although the new person would probably want to develop his or her own Web site, but mine is available if you wish. After all my work building it to the widespread extent it has attained, I do not want to just give it away. I do hope there is somebody interested in keeping it alive and selling it should attract only a serious individual.

It is possible to make money with the column's Web site, but I have never tried that. So far, I have always borne the expense of writing it myself. I have no doubt spent several hundred dollars over the years, but I do not regret the investment considering all the friends I made along the way. If I have no

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The \$152 Internet Bar- gain When to decide if a trip to Target is a better bet By Steve Bass, Pasadena IBM Users Group

I don't have a good head for numbers, so double-check these figures for me, okay? I went online, pressed a few buttons, and two minutes later, bought a bottle of multivitamins for \$10 and some Folic Acid for \$3. Shipping was \$3 so the entire bill was \$16, right? Nope. It cost me closer to \$152 and two hours of futzing.

Raise your hand if you think shopping on the Internet can save you money. No doubt it can, provided you use it efficiently.

In the next few minutes, I'll show you the mistakes I've made (hey, I'm not as bright as I look, okay?), how you can avoid them, and maybe stave off a few gray hairs in the process.

Bargain Hunting

The trap I always seem to fall into is spending a few minutes trying to find the best deal on the Internet. (Computing minutes, as you may have noticed, are not related to real minutes, but that's another story.) I started by opening my Internet Explorer Favorites and trying to remember which folder I tucked the "vitamins and drugs" into.

Oddest thing, I muttered, is how these darn Favorites have a way of getting disorganized. I mean, what was I thinking when I combined DVD Rentals and DVD Player Research into the same folder. That's confusing, even to me, and it might be best if I separated them into two folders. I wouldn't take five minutes to fix. You think?

Of course, an interesting thing happened while cleaning and dusting my Favorites. I noticed the "Free Stuff" folder, the one with coupons, discounts, and giveaways. Right, I think, I'd better stop by there first and see if Drugstore.com or Mother-Nature.com is offering free shipping.

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April 1, 2002

Taylor Memorial Library

Cuyahoga Falls, Ohio

6 PM- Adobe Acrobat - Rick Lubinski

7:30 PM Q&A

**8:00 PM QuickBooks for Small
Business - Connie Millard**

The Deals Guy

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takers, I will probably still do it for a short time, but I need to spend more quality time with my wife instead of sitting in my computer room. We purchased a beach condo in Daytona Beach (second home) and hope to occasionally try watching the surf roll in when we have the time. Maybe I can start a new user group there since many of the residents have computers. Want to attend a user group meeting "on the beach?" No sharks please!

Still Good

The 10% discount coupon for Inksell.com is good through April 30, 2002. Simply visit their site, [<http://www.inksell.com>], place your order and continue to check out where there will be a blank to enter the discount coupon code (D0302). The discount will be automatically calculated. Phone customer service at 1-800-255-0483, or send e-mail to [help@inksell.com] if necessary.

*I have had little time to work on the column this month, so most of it will be things I have noticed in user group newsletters. I hope you find something useful. Living in Florida often brings lots of company and we have been no exception this winter.

Latest From Gene & Linda Barlow

Linda Barlow sent me this updated list of special prices on PowerQuest and AccessData products for user group people.

PartitionMagic V7 \$35 (list \$69.95)

Drive Image V5 \$35 (list \$69.95)

DriveCopy V4 \$25 (list \$49.95)

SecureClean \$25 (list 49.95)

CleanDrive \$20 (list \$39.95)

Gene has developed an educational CD called "Discovering Your Hard Drive" which includes four hours of information (Gene's description) about how to organize, upgrade, migrate to XP, backup and secure your hard drive. There are even product demonstrations on the CD. Having seen Gene's hard drive presentation a couple of times, I have to think his "Discovering Your Hard Drive" CD would be very useful. The price is \$20.00 (List \$39.95).

Shipping and handling is only \$5.00 on each order. To order, go to [<http://www.ugr.com/order/>]. Use the code UGDEALS02.

Just In, A Deal For A Great Database That's Been Around Awhile

I asked Richard Rabins of Alpha Software

about a special and he responded with the following offer. Alpha Five (for Windows) is regularly \$149.00, but for a limited time, he will offer it to user group members for just \$129.00 + \$8.00 shipping. Not only that but he will include this neat little Zip Code finder for no extra cost in that deal (normally \$24.95). Just type in the zip code and it automatically fills in the city and state. To order, call 1-800-451-1018 and mention "code 77." Tell them you belong to a user group. Visit [<http://www.alphasoftware.com>] for a better description of the product.

I use Alpha Four occasionally, but have never upgraded. Alpha is a relational database that works well. I especially liked it when they had people on Prodigy that helped you with your problems. That ended long ago. I have not tried their tech support lately. In fact, I still have the DOS version. (I can hear everybody already on that one.) They still offer a DOS upgrade.

Keyboard for the Palm, Anyone? (From Sacramento PC Users Group Newsletter)

Silkyboard is a portable keyboard that can be used on the Palm. It is said to be better than the Graffiti according to the review I read by Tom Anderson of the Sacramento PC Users Group. It passed his test and is available at [<http://www.silkyboard.com>]. It was \$29.95, regular \$39.95, but I'm not sure if that price is still good. I included it because it is an interesting item.

Finjan's SurfinGuard to guard your files.

(Reviewed in SW Indiana PC UG Newsletter)

Here is something that guards your files from being changed unless you agree to it. A virus will usually change something, and this software will see it and ask you if it's OK, or not. It guards other changes, such as to your network connection as well. It can be downloaded at [<http://www.finjan.com>] and is FREE for the home user. Unfortunately, it is not compatible with Windows XP and IE 6. Use this if you don't have virus protection, perhaps even if you do have it.

E-mail For a Mac, Anyone? (From Central Kentucky Computer Society newsletter, Computer File)

If you are looking for new software for your e-mail needs, try looking at the following URL where you will find many. [<http://www.emailman.com/mac/clients.html>]. They are not all free. Since I have been neglecting Mac people lately, this is for them, but there may also be PC items there as well.

Watch That Spyware, (from Charlotte Bytes, newsletter of Charlotte County Personal Computer Users Group, Inc.)

If you're thinking about using a program called Gator (a software that keeps track of user names

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and passwords for Web site logons and forms), be aware that it has a Trojan horse built in that will (behind your back) download spyware to report on your activities. A good firewall, though, will prevent it from dialing out to report. Surprisingly, Gator is a very popular utility. As has been said many times, read the EULA (End User Licensing Agreement) when installing. I just thought it would be good to warn you.

More on Antivirus, (From the Chautauqua Cyber Chat newsletter)

They mentioned a favorite Antivirus of their members, AVG, which can be found at [<http://www.grisoft.com>]. It is free for home users. Take a look.

The article included Trend Micro's free "House Call" at [<http://www.housecall.antivirus.com>]. Also referred to was Computer Associate's new suite of protection software at [<http://myetrust.com>] (I just heard CA was ending this free program, so check for sure). While I'm at it, Panda provides a free virus check at their Web site with the latest signatures. [<http://www.pandasoftware.com>]. I might warn you that for an AV check of your system on line, you must disable your firewall if you have one.

That's it for this month. Meet me here again next month if your editor permits. This column is written to make user group members aware of special offers I have found or arranged, and my comments should not be interpreted to encourage, or discourage, the purchase of products, no matter how enthused I might sound. Bob (The Cheapskate) Click [Bobclick@dealsguy.com]. Visit my Web site at [<http://www.dealsguy.com>] for past columns.

Steve Bass, ...\$152

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My first stop is to couponsforyou.com. Nothing for me there because it's a dot.gone. So were four other coupon sites. I hit the jackpot with www.dealofday.com because drugstore.com offered free shipping and a free diaper travel bag with any \$20 order. Cool, I could use the diapers for buffing the car and I'd find something to do with the bag. And free shipping will put \$4.95 in my pocket.

So What's the Deal?

The deal wasn't difficult to handle. Do all your shopping, stick the code into the special box on checkout, and shipping was deducted from the total. I did all my shopping, clicked

done, and drugstore.com gleefully greeted me. "Yo! Steve-o! Welcome back buddy. Good to see you! But listen, the free shipping, and diaper deal? New customers only. Sorry, pal." Busted.

I couldn't just let that go. It was a challenge to my hacker mentality and less-than-adequate hacking skills. Creating a new user name and account couldn't be much work, and drugstore.com wouldn't be the wiser. I really wanted that diaper bag.

Busted Again

"Hey, Frank, when did you move in with Bass?" Around ten this morning, I fumed. It was a good question and one that I felt drugstore.com had no right to ask. As a consenting adult, what I did with my alias is my business.

I was busted again and chose not to play around with drugstore.com's cookies. So I headed back to [AdvanceRX's](http://AdvanceRX.com) site, added three bottles of Folic Acid to [AdvanceRx's](http://AdvanceRx.com) shopping cart. But it hit me that Drugstore.com was selling it in bottles of 200 tablets, a better deal. I think. But hell, even if I paid for shipping and went without the diaper bag, that'd save me roughly \$2. Better check.

So I open a fourth browser window, navigate to the site, and find I was right the first time. [AdvanceRX](http://AdvanceRX.com) is the best deal. You know, Bass, I think, kicking myself. You oughta stick this stuff on a spreadsheet so next time you can refer back to it. Easy enough to do, so I do a few rows and columns, stick in sites, vitamins, prices, shipping, and whether I've ordered there before. It was worth the 35 minute investment, really, even though I decided to forego any fancy fonts or formatting.

Stay Calm, Okay?

By now I'm feeling a little antsy so I head back to [AdvanceRX](http://AdvanceRX.com) to place the order and get on with my life. At this point, you're probably one step ahead of me. I faced a really dumb problem: After all my futzing elsewhere, [AdvanceRX](http://AdvanceRX.com) timed out. The shopping cart was empty, my patience was fading, and I was in dire need of a psychotropic drug. Try clicking IE's Back button, I thought and Windows applauded my decision with a General Protection Fault. With all the B vitamins I'd depleted, I didn't think it made sense to bother rebooting.

I asked my wife if she'd like to make a quick trip to Costco. She did, we found the vitamins (about \$2 more than online, not including the stress formula I felt a need to buy); we also bought \$100 of stuff we really didn't need and went out for lunch.

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Backing Up Your Hard Drive

By Gene Barlow, User Group Relations
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Your computer hard drive is very important: Your hard drive is the heart of your computer system. It contains your Windows operating system, which is the master control program of your computer. It also contains all of your application programs that help you do productive things with your computer. But, most importantly, it contains all the data files that you create using your application programs. These data files are the most valuable part of your computer and the hardest to replace if something should happen to your hard drive.

Yes, your hard drive will fail on you someday: Your hard drive is a mechanical device that spins constantly and is certain to wear out. The life of a hard drive is only 2-3 years. If you are lucky, your drive may last you 4 or 5 years, but it could go out in just 6 months. It is not a question of if your hard drive will fail, but it's a question of when it will fail. All you can do is to be ready when it does fail by having a copy of all of the files on your hard drive saved away from your computer. Then you can replace the failed drive with an empty new drive and put all of the files on the new hard drive. This lets you be back up and running in a matter of minutes instead of days or weeks rebuilding your drive. This process is called backing up and restoring your hard drive and is the topic of this article.

What files should you backup: One of the first decisions you must make is what files need to be backed up to adequately protect you. I consider your data files as the most important ones to backup. Your data files are those files that you create using your application programs. If you use Quicken, then the data file that needs to be backed up contains all of your financial records entered into Quicken. If you research your genealogy, then the database of your ancestors that you've collected for years is the important data file that must be backed up. If you correspond extensively using E-mail, then the folders of your E-mail correspondence needs to be backed up. You should plan on backing up your data files at least daily.

The second most important thing to backup is your entire hard drive and all of the files on it. This includes your Windows operating system as well as all of your application programs. By backing up the entire hard drive, you will not have to rebuild your system from scratch, but will be able to quickly get your system back up and running again. Some would suggest that you really don't need to backup your operating system and application programs because you can always reload them from the CDs

they came on. While this is mostly true, you need to consider how much time this will take you to re-install the operating system and all of the applications you own. Then, how long will it take you to download all of the software patches and add-ons that you have added to your system? Finally, how long will it take you to enter all of the special settings that you must do to have your system work exactly as you like it to. To this lengthy time, consider how you can recover the many programs and files for which you do not have a CD. I think when you consider all of these factors, you'll agree that having a backup of your entire hard drive is a wise investment of your time. You should plan on backing up your entire hard drive on a monthly basis.

What media is best for backup: The next question you need to consider is what is the best media to backup your files from your hard drive. A few years ago, tape backup systems were the most popular backup media. The only problem with these tape systems was that they were very slow. Backing up a 1-2GB hard drive in a couple of hours was reasonable, but backing up today's 40GB hard drives to tape would take too long. You would not do it often enough to be usable. The next popular backup media to come along were the removable disk cartridge drives. These were much faster than tape, but the cartridges tended to be expensive. For example, a 40GB hard drive would need 10-20 Jazz (2GB) cartridges to backup the entire drive. At \$100 each, you would need to invest over \$2,000 in cartridges to backup your entire drive. Writing to blank CDs promises to be one of the best backup media today, but even the fastest drives are slow and it takes many blank CDs to backup a large hard drive.

So, what is the best media to backup a 40GB hard drive today? Another 40GB hard drive! Hard drives are much faster than tape and are even faster than the disk cartridge systems. You can backup an entire 40GB hard drive in less than an hour or so. Since it is fast, you'll tend to backup your system more often and this means better protection for you. Hard drives are also very inexpensive to purchase. If you watch prices carefully, you can get a 40GB hard drive for \$99 or less. I would plan on having an extra hard drive for backup purposes for each hard drive that you save data on.

What type of backup software is available: There are two very different backup utilities on the market today -- File backup utilities and Partition backup utilities. File backup utilities are by far the most common. These utilities backup individual files

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Next month? Shopping Tips for Internet Shopaholics.

Steve Bass is a Contributing Editor with PC World and runs the Pasadena IBM Users Group. He's also a founding member of APCUG Write to him at Steve_bass@pcworld.com. Check PCW's current edition at <http://www.pcworld.com/resource/toc/index.asp> and sign up for the Steve Bass online newsletter at www.pcworld.com/bass_letter.

Backing Up Your Hard Drive

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one at a time. They can also be used to restore individual files to your hard drive. A good feature of File backup utilities is that they can select individual files from all parts of your hard drive. This is great for picking and choosing your important data files to backup. On the other hand, File backup utilities tend to be quite slow in backing up your entire hard drive and you would need to make many extra steps in rebuilding your hard drive partitions in case of a total failure. That is where Partition backup utilities have the advantage. Partition backup utilities backup entire partitions and all the files contained in them. Some of these Partition backup utilities work at the lowest hardware level and are very fast. Restoring a partition to an empty hard drive using a partition backup utility will create and format partitions as it restores the partition file.

PowerQuest Corporation has an excellent backup software package that contains both a File backup utility and a Partition backup utility combined in one product. This product is called Drive Image and has a list price of \$69.95. The File backup utility in this product is called DataKeeper and is designed to backup your individual data files on a frequent basis. The Partition backup utility in the product is called Drive Image and is designed to backup your entire hard drive every month or so. Let's take a look at how these two utilities can be used to backup your system.

Backing up your important Data files: As mentioned earlier, the data files on your system are the most important files on your computer. They are also the hardest to replace if something should happen to your hard drive. Backing up your data files should be your first objective in establishing a good backup plan for your system. Data files change daily and need to be backed up on a daily basis.

Using PowerQuest's DataKeeper utility, you can select all of your important data files from various part of your hard drive. If you have spent a little preparation in organizing your hard drive, you may already have all of your data files collected together

in the same partition. This makes it easier to identify and backup these important data files. DataKeeper will let you backup all of your data files or backup only those that have changed since the last backup. You can also compress the backup files to about half their original size when you save them to conserve space. You can backup an individual file up to 99 times without replacing an earlier backup copy of that file. This gives you the ability to keep multiple backup versions of a data file as it is being developed. If you need to see the file, as it was several versions ago, you can do so with DataKeeper. It will backup these files to any device having a standard drive letter, such as a special backup partition on a hard drive or a removable cartridge drive. If you create your data file backups on a hard drive, try to place them on another hard drive than the one the original data files are stored on. Also, you should copy these backup files to a blank CD every month so that you will have some removable media that you can store away from your computer.

One of the best features of DataKeeper is its ability to monitor the import data files that you select and to automatically backup a file as soon as it is changes. Using this monitoring approach, you never have to think about backing up your data files since this is done for you automatically. It also assures that you have a backup of these important files that is current to the last minute or so. This is a powerful feature of DataKeeper and one that I would highly recommend using.

Backing up your entire hard drive: The second most important part of your backup plan is to backup your entire hard drive at least once a month. Having this backup in place will protect you from a major failure of your entire hard drive. Using PowerQuest's Drive Image to backup your entire hard drive you have two approaches to select from. Let's look at each of these approaches separately.

The first full-drive backup approach is to use Drive Image to copy all of the partitions from your main hard drive to a backup hard drive. Both hard drives must be installed on the same computer system to do this approach. Using Drive Image's Disk-to-Disk Copying facility, you copy the partitions from your main drive to the backup drive, one at a time. When Drive Image copies a partition, it creates a new partition on the backup drive,

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Backing Up Your Hard Drive

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so the drive can be empty of partitions before you start the process. Also, copying a partition copies not only the partition, but also all of the hidden files, system files, and other files contained in the partition to the backup hard drive. So, when you finish copying all of the partitions from your main drive to the backup drive, you have an exact duplicate of your main drive that could be used if your main drive failed.

After copying all of the partitions to your backup hard drive, you need to disconnect the backup drive and remove it from your computer system. You should store the drive away from your computer, so that if anything happens to your computer, your backup drive will not be affected, too. Once a month, you'll need to retrieve this backup hard drive and insert and connect it back into your computer and repeat the backing up of all of your partitions, then remove it again from your computer. If something should happen to your main hard drive, simply get your backup hard drive and replace your main hard drive with the backup drive, setting it as a master drive, and you should be able to immediately start your computer and have it run. To simplify the frequent removal and replacement of your backup hard drive, you can purchase a hard drive rack mounting system from your computer store for about \$25 that will let you remove and insert the drive without removing the covers of your computer.

The second full-drive backup approach is to use Drive Image to cross backup one hard drive to another. With this approach, you install and leave both hard drives in your computer all the time. For this approach to work, you'll need to setup a large backup partition at the end of each of the two hard drives. PowerQuest's PartitionMagic utility is the best way to create these backup partitions on your hard drives. Once the two drives are in place with a large backup partition on each of them, you can use Drive Image to create condensed image files of entire partitions and store them on the backup partition of the other hard drive.

To make this a little easier to understand, let's look at a simple example. You have two hard drives and the following partitions on each of the two hard drives:

Drive 1:
C: partition (Contains your Operating System)
D: partition (A backup partition)
Drive 2:

E: partition (Contains your Application Programs)

F: partition (Contains your Data Files)

G: partition (A backup partition)

Using Drive Image, create an image files of your entire C: partition and all of its contents on your G: backup partition. Then, using Drive Image, create an image file of your E: and F: partitions on your D: backup partition. These image files represent the entire partition and all of their active content. These image files can be condensed by 40-50% to save room on your backup partition. Notice that we save the images from one hard drive to the other hard drive's backup partition and visa-versa. Hence, we call this the cross backup approach.

Once a month, you'd repeat this cross backup approach from one drive to the other until you fill up the backup partition. Then you'd delete the oldest image file to make room for the new image file to be stored in your backup partition. If either of your hard drives should fail on you, all you have to do is to remove the failed drive and place an empty new drive in its place. Then using Drive Image, you find the latest condensed image of the partitions on the failed drive on the other drive's backup partition and restore that image to recreate the partitions and all of their content on the empty drive. This lets you be back up and running your computer in a matter of minutes instead of days or weeks rebuilding your system. If the drive that failed was your first drive containing your operating system, that is no problem. You can boot Drive Image from a DOS diskette and quickly rebuild your operating system partitions from the second drive's backup partition.

What if both hard drives fail together: While it is rare, it is possible for both of your hard drives to fail at the same time, thus leaving you without either of your backup partitions to use to rebuild the other hard drive. For example, your computer could be burned in a fire or taken by a thief. In these cases, you'd loose not only your main drive, but your backup images as well. So, you need to make some special provisions to guard against these situations. I'd recommend that every 3 months, after you have backed up your partitions using the cross backup approach, you use Drive Image's ImageExplorer to split your condensed image file into multiple segments that will fit on blank CDs. Drive Image will burn these image segments on multiple CDs for you or you can use the CD burning utility that came with your CD-R/RW drive. While this may take a while to do, it will give you an inexpensive removable backup of your entire hard drive that you can store away from your computer. I would repeat this process of

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creating backup CDs of your entire hard drive every 3 months or so.

Summary: If you follow the suggestions in this article, then you will have a comprehensive backup plan that will protect both your important data files as well as your entire hard drive. You must make sure that you follow the time intervals suggested so that your backups are current enough to be usable. PowerQuest's Drive Image product, a second hard drive, and a CD-R/RW drive are all the software and hardware you need to run this backup plan. A second hard drive and a CD-R/RW drive can both be purchased for about \$100 each. Faster models are available for only a few dollars more. User group members can purchase Drive Image at the user group price of \$35 by accessing a secure web order form at www.ugr.com/order/. You will need to enter the name of your user group and the special code UGNL02. I wish you success in setting up your backup plan.

Gene Barlow

User Group Relations Voice: 801-796-7370

PO Box 275 Email: barlow@ugr.com

Orem, UT 84059-0275 Web: www.ugr.com

trashed his TCP/IP and he was online. End of story? No. I didn't tell you the fun part. You see, this EU decided to change all his icons EVERYWHERE to a porn theme. The call went something like this "Ok sir i need you to doubleclick on the giant butt (MAC HD) and then go to the peirced tongue (system folder) and then double click on the right breast (tcp/ip folder) and then drag the left breast (the tcp/ip preferences folder) into the non erect penis (empty trash) and then we need to click on special and click on empty trash and this will make make the erect penis small again (empty the trash bin). It got worse though. He then said he needed some help with his Outlook Express 4.5. So i shall end this story by saying the start of that part. "Ok sir, it appears we are going to have to enter the vagina" This was a real call. Just another day in the world of tech support. 2002-03-21

The ISP I work for allows multiple e-mail addresses with each account. I cannot count the number of times a customer has tried to create a second address by entering it into a mail client without informing our system of the new address they wish to use. yesterday a very furious customer called demanding to know why she couldn't check her mail on her new address. After ascertaining that she hadn't actually created the address yet, I walked her through our members page and explained to her what we were doing and why it would work. She entered the necessary information and was informed that the new address she was trying to use was already taken. I explained to her what this meant, and she tried another. same result. She now insisted that her name was not north american (she was oriental), and that NO the size of our user base and with each having multiple addresses, there was a pretty good chance that someone was using her name as an address. She then proceded to demand that I DELETE THE ACCOUNTS that were using HER NAME so she could claim them. ME: *CLICK*2002-03-21 21. I had a lvl III below me who turned to me asking me "What were we do do for this lady?" Seems last night she was at her computer, and a spider had began walking across the keyboard, scaring the crap out of her, she waited a bit and when it went under a key (don't remember which) the lady mashed said key killing the spider, and now didn't know what to do and begged the lvl III for assistance, since it was our system, etc. Well I couldn't resist, and the lvl II almost repeated my answer to her "Tell her not to worry! We'll send her out another spider in the morning Fed Ex" ... =)2002-03-20

Honey, the babysitter
wants to know if she
can start telecommuting.



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WWW.Techcomedy.com

Real life humor, techsupport site,

ED. 14. Porn User

I had a customer a couple days ago who called up using a MAC 9.0.1 who lost connection. No biggie. I

Akron-Canton PC Users Group
 PO Box 2151
 Akron Oh 44309-2151

**Next Meeting - April 1st,
 Taylor Memorial Library
 Cuyahoga Falls, OH**

First Class Mail

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Mailing Label Address Goes Here

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So I told him that in these situations one should simply reboot the computer. Unfortunately the word "reboot" was a bit to technical for this EU and I had to explain to him that he just needs to turn the power off and back on. So he gives me the play by play "ok im turning it off!" "ok im turning it back on!" and no more than 3 seconds later "ok its back on, but i still cant move my mouse!" I figured that he must not have held the power button in long enough and asked him to reboot again and ensure that the computer is actually off before turning it back on. So he goes through the play by play (AGAIN) and tells me THREE SECONDS LATER that "its back on but its still not working!" And thats when it struck me, and I asked him what he was pressing to turn the computer off. "I'm pressing the button right on the TV" he was actually turning his monitor on and off to reboot the computer! (or as he lovingly calls it, his TV) AHHHHHH!!! 2002-03

28. Reboot

So I get a call from a customer complaining that his "mouse wont move" and that his "tv is frozen" (apparently he misdialed the number for his computer manufacturers support line and dialed me, his ISP support, but i decided to help anyways)I asked him if he was using windows, and he replied that he was.

Club Officers			
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Vice President	Frank Ramsey (2004)	330-699-4711	aframsey@yahoo.com
Club Outreach	Rick Lubinski (2002)	330-928-7179	lubinski@bright.net
Secretary	Walt Ruthenburg (2003)	330-283-7867	wruthenburg@usa.net
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Software Review	Jim Carter (2004)	330-882-4222	jwcarter@bright.net

Future Events	
Sat., Apr. 20th, 2002	Peter Trapp Computer Show at Tadmor Temple off I-77 to Arlington Road, Akron, OH (Exit 120)
May 17-19, 2002	Dayton Hamvention, Hara Conference Center, 1001 Shiloh Springs Road, Dayton, OH