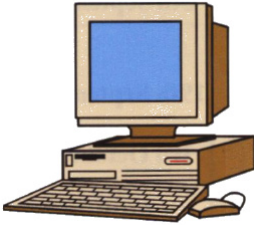




ISLE OF WIGHT PC USER GROUP

Monthly Journal

Issue 117 - September 2001



Peter, Sonya, Editor, Geof, Rob (seated), Doug and Ingrid pictured at our Annual Barbecue

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Bob Groom and his family are to be barbecued burgers, chicken and sausages, congratulated on an excellent barbecue that which fitted nicely into prepared soft rolls was held at Bembridge Lodge recently.

The parking was expansive and the extensive grounds gave rein to a wonderful landscape with a view overlooking the nearby bay. The large mansion house was surrounded by much greenery and many tall trees and coupled with the clement weather, led to a very enjoyable and relaxing time in the open air.

Bob greeted us with warmth and directions as to where to park and then invited us to help ourselves to a lavish banquet of cold drinks, beer, wine and a special countryside cider. David, one of Bob's sons was our chef for the

evening and which were filled with onions from the barbecue. A plentiful supply of salads were on hand, together with apple strudel slices for sweet.

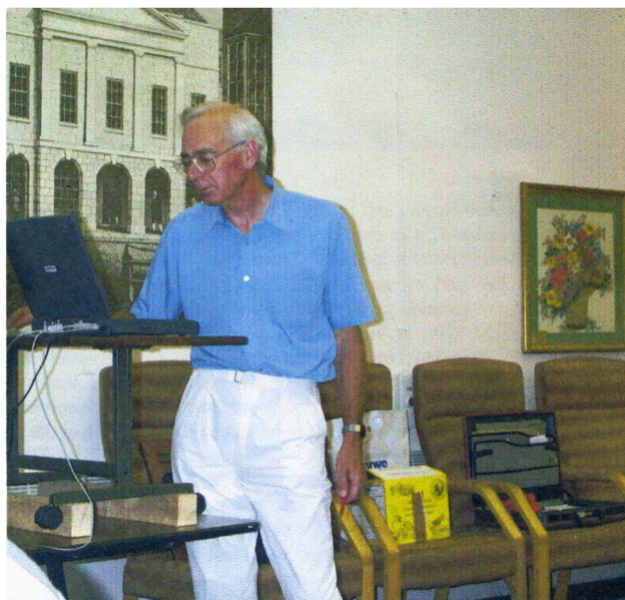
The event was well attended and the members that were present seemed to enjoy them selves tremendously.

Bob was the perfect host and on behalf of the Committee I would like to thank Bob and his wife June and son David for their hospitality and generosity in opening up their home to our Computer Club members.

A good time was had by all.

FORTHCOMING EVENTS

5th September	Microsoft Operating Systems old and new, plus some new hardware	Ian Jennings
19th September	Databases	Tim Bateman
3rd October	Video Editing Poster Competition	George Lemonifides
17th October	Computability Group Presentation followed by General Q. & A.	Members of the Computability Group
7th November	Windows XP (Experience)	Dennis Linzmaier
Sunday		
18th November	Annual Computer Show	Riverside Centre
21st November	New Products	To be advised
5th December	Internet Evening	Dennis Linzmaier
19th December	Christmas Party	Riverside Centre
2nd January	Corel Draw & Corel Photopaint	Ian Capon
16th January	PDA's (Personal Digital Asst.)	Speaker required



David Broughton giving a talk on HTML at Riverside Centre

Honorary President:

Sir Norman Echlin,



Chairman:

Dennis Linzmaier,

Vice Chairman/Show Organiser:

David Broughton,

Treasurer:

Bob Groom,

Secretary:

Christine Jenkins

Membership Secretary:

Douglas Rankin

Refreshments:

Dorothy Wolletron

Hot Key Editor:

Brian Sexton

Committee Member:

Maggie Butler

Committee Member:

Ian Capon

Meetings Reception/Hot Key Distribution:

John Atkin

Committee Member:

Marilyn Barrett

New Members Co-ordinator:

Dennis Lambeth

Committee Member:

Cliff Maidment

Disability Resources Co-ordinator:

Helen Edom



EDITORIAL

Unfortunately on certain copies of this month's Hot Key there are flaws in the printing of the first page, for which I apologise. This is due to the Epson 880 printer, causing problems beyond my control. Also about 25 pages of the first print job were so badly spoiled that I had to destroy the sheets, which meant a re-print, causing unnecessary time, energy and cost. However, perseverance was the name of the game and most of the Hot Key newsletters have been printed correctly.

From: "Ian Capon"

Subject: Internet Shopping at HMV

I decided it was time to try shopping on the net and ordered three CDs from the www.hmv.co.uk web site. Well, I have to say I was very impressed with the service. Ordering was easy and once you have signed in and registered your details, all you do is search for what you want, "add to basket" and give your card number and the site does the rest for you. The CDs arrived in a bubble-wrap jiffy bag, and all arrived intact and the boxes were not even damaged. (abridged)

Ian



If you want to test the condition of your hard drive(s) there is a useful piece of software available from ONTRACK called ONTRACK DATA ADVISOR, which determines if a data loss situation is a hardware or a software problem. Data Advisor may also be used on a regular basis as part of a data protection plan to test for, and alert you to impending failures. If potential problems are identified, you will have the time to backup your valuable information and make



corrections to avoid future loss.

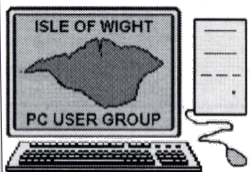
The types of test performed by Data Advisor are:

1. **Quick functional** test of each hard disk drive
2. **SMART alert status check** informs you of the SMART status of your hard disk drives
3. **Structural error tests** on DOS/Windows/FAT partitions. Scans all DOS, Windows, Windows 95, Windows NT and OS/2 FAT 12, FAT 16 and FAT 32 partitions for errors in the Master Boot Record (MBR), BIOS Parameter Block (BPB), File Allocation Tables (FATs) and Directory Tables (DIRs)

Please note: At no time during the Data Advisor process are your actual data files touched.

You can download the software at: <http://www.ontrack.com>

Also there is a very good FAQ at: <http://www.ontrack.com/faq/index.asp?product=da>



The Isle of Wight PC User Group

welcomes all owners and users of IBM Compatible Personal Computers.

It is a group which seeks to exchange ideas and seek new information.

Our meetings are informal on the **first and third Wednesdays of each month at The Riverside Centre, Newport, 7.30-9.30 pm.**

The first Wednesday has usually a formal talk whilst the third Wednesday is more informal, geared to the new user and aims to help out members with specific problems.

Membership is £12 per year.

Visitors are welcome.

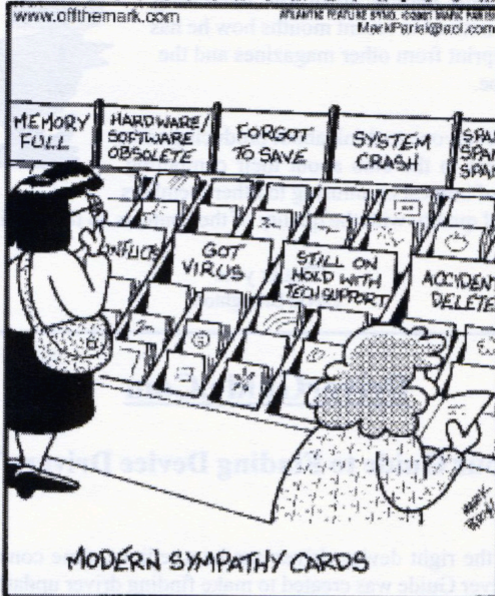
This journal, **HOTKEY**, is produced every month.

If you would like to know more about us, either come along to one of our meetings or contact one of our Committee Members on one of the numbers on page 3.

HUMOUR

off the mark by Mark Parisi

www.offthemark.com



© Randy Glasbergen.
www.glasbergen.com



ARTICLES FOR HOT KEY

We have all come to love the Hot Key which Brian Sexton produces in high quality colour every month. But he has a continuing problem with getting sufficient interesting material. You may have noticed in recent months how he has had to find material to reprint from other magazines and the Internet. It ought not to be.



I would like to appeal to everyone to think about producing some article of interest to others in the club about their computing experiences that may be of interest or amusing to other members. Let us match the technical quality with the quality of the contents so that the Hot Key reflects our own activities more.

Thank you.
David Broughton

DriverGuide.Com

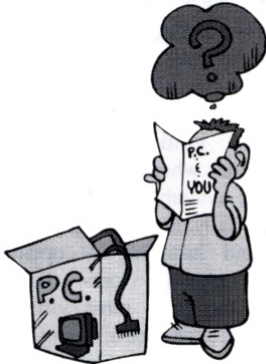
“Your Guide to Finding Device Drivers”

Let's face it, finding the right device driver can be a tedious, time consuming and often impossible task! The Driver Guide was created to make finding driver updates a whole lot easier. It has a massive database of drivers and resources that is by far the largest and most comprehensive on the Web. Here is what The Driver Guide will do for you:-

- * Provides an easy step-by-step process for finding and installing drivers. Offers a huge searchable database of drivers, manufacturer information, and links.
- * Provides discussion boards that give members the opportunity to interact with others with their hardware type, and learn from their experiences (very useful!).
- * Offers a drivers found area where members can upload new and hard to find drivers for others to download. Provides a driver request board where members can make requests for specific drivers.
- * Includes resources for Windows, Mac, Unix/Linux, and other platforms. Provides links to helpful tutorials, valuable utilities, and other resources. Offers a great collection of old, out of date, and hard to find drivers.

Membership is absolutely FREE! Members are given lifetime access to their site. Go to:- www.driverguide.com. They will e-mail you access instructions immediately after completing the registration.

Our thanks to Jim Karsjens - NOCCC,
kinejim@aol.com



HOW TO CHANGE THE SIZE OF YOUR SWAP FILE

Q: I found a file on my hard drive named WIN386.SWP that keeps growing incrementally. It's now up to 98MB. I don't know what it does. Can I get rid of it?

A: You've found the Windows swap file, which Windows uses as virtual memory. When you load more programs and data than will fit into your computer's physical memory (the RAM), Windows will shunt some of the information to your hard drive. Windows treats the hard drive space as if it were memory, hence the term "virtual memory."

Windows also makes the file dynamic by default, so it can grow and shrink as needed. As the file size changes, however, the computer's performance can suffer, because the size changes can seriously fragment your drive. Fixing the size of the swap file cuts down on the work your system has to do and may improve performance.

Before you get started, defrag your drive. Then right-click on My Computer and select Properties. Click the Performance tab, the Virtual Memory button, and then the "Let me specify my own virtual memory settings" button. The amount you'll need depends on how much RAM you have. If you have 64Mb or less make it 2% times and 1% if you have more than 64Mb RAM. Make the amount you choose both the minimum and maximum

setting. You'll see a warning message before you can finalise the changes. Click Yes, and Yes again, to restart your computer.

Although you may see a performance gain, you're better off adding more RAM, which is much faster than any hard drive.

CD-ROM in Safe Mode

If you need to gain access to your CD-ROM drive in Safe mode, here's how.....

Your start-up disk should contain generic CD-ROM drivers. These fellows are the key to getting your CD-ROM drive up and running in Safe Mode, which can be a life saver. Start by booting from your start-up disk, selecting CD-ROM support from the menu. Pay particular attention when it comes to the actual device driver used for your brand of CD-ROM. The screen should pause for a few seconds while it finds your drive. Make a note of whichever one it uses - for the most people's drives it will be the first one, which is the Oak Technologies driver.

Once your drive has been identified you can begin copying the correct files across before editing your Autoexec.bat and Config.sys files. If yours uses the Oak driver you need to type:- copy a:\oakedrom.sys c:\. This will copy the Oak CD-ROM driver on to your hard drive. Next you need to ensure your Config.sys file acknowledges the new driver, so type:- edit c:\config.sys. The blue Edit window should appear. Type DEVICE=OAKCDROM.LSYS /D:MSD001 at the top of the document, then save it using the File menu and exit back to DOS. There's one file left to edit - the Autoexec.bat, so type edit c:\autoexec.bat. At the top of that document you should enter c:\WINDOWS\COMMAND\MSCDEX.EXE /D:MSCDO01. Again, save and exit to DOS.

Now, to start Windows in Safe Mode with CD-ROM support, restart your PC, tapping {F8} intermittently to launch the Early Startup menu. Choose to start at the Command Line, type win /d:m and you're away!

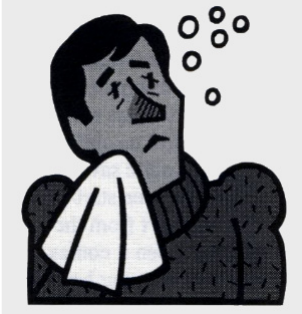
As you may have supposed, this can't possibly work with Windows Me unless you've grafted DOS back on.

Our thanks to PC Answers Magazine

Computer Topic

Protecting Your Computer From Viruses, Worms, and Trojans

by Ira Wilsker, GTPCC,
ira@apcug.org



If you have been following the news recently, you have undoubtedly heard of viruses, "worms," programs that "eat" through your files; and "trojans," programs that hide under the guise of other more innocent looking programs.

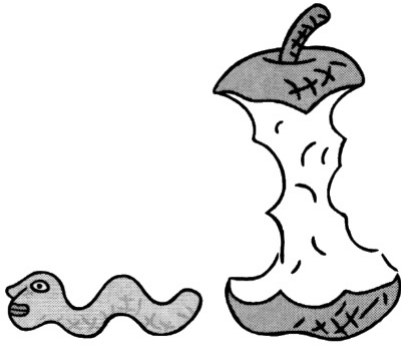
A virus, worm, or trojan is a piece of software that was written to be mischievous and loaded discretely onto the victim's computer. According to some computer — security publications, there are now over 60,000 identified viruses, worms, and trojans; new ones appear at a rate averaging 100 - 400 a week! It is imperative that all PC (and MAC) users have a modern antivirus installed, properly configured, and updated frequently, at least monthly. There is no good reason not to have an antivirus program installed, other than they slightly degrade performance as they scan incoming data for "signatures" of potential threats. They do this by comparing this data to a file of known threats. Most antivirus programs can also identify some new threats, because they are often minor variations of existing threats or use otherwise known code.

The top selling antivirus software titles are McAfee ViruScan or Symantec's Norton Antivirus but there are also several dozen other

publishers of quality software as well. For those who like "free," there is the excellent InoculateIT Personal Edition from Computer Associates Inc., one of the largest software publishers in the world. This can be downloaded from <http://antivirus.cai.com> or AVG Free Edition available from: www.grisoft.com where free updates and support become available. CAI posts frequent updates, almost daily, to the Net and they can be downloaded and installed by opening the program and clicking on: Tools/Auto/Download. In the past, most viruses were transmitted by the exchange of floppy disks, but now most are transmitted by e-mail, often as attachments. Some e-mail programs, especially the widely used Microsoft Outlook and Outlook Express, are very vulnerable to attack. This vulnerability is often the target of virus authors, who create viruses to utilise the fact that the Outlook products are directly connected to a browser (Internet Explorer), the Windows operating system and utilities that can execute viruses written in the popular Visual Basic, machine code, Microsoft Office scripts, or the Java language. The recent Anna virus was a simple Visual Basic program.

While the old adage "don't run an e-mail attachment from someone you don't know" may still be a good idea, the majority of newer viruses will be e-mail attachments from people you do know, maybe even with a message title replying to one you sent. This is because many of the new viruses, worms, and trojans actually hijack the Outlook address book and replicate themselves to the e-mail addresses in the address book. AOL mail is also another common target, simply due to the large number of AOL users. While still vulnerable, users of other popular e-mail programs such as Eudora and Pegasus are much less frequently the targets of the virus writers. Web-based e-mail, such as Hotmail, Net Address, and Yahoo Mail are not immune, especially if attachments are run or downloaded.

The modern rule of thumb is either do not open or download attachments, or be very suspicious. To get around the suspicion, many virus authors attempt to hide their evil within a nice or innocent looking name or extension.*



The recent Anna attacks were made to look like a common JPEG image, but with the otherwise unlikely file extension ".jpg.vbs." This looked at first like a typical JPEG image file, but the VBS indicated to the observant user that it was a program written in visual basic script.

While the antivirus software can typically detect and remove most viruses, worms, and trojans, there are also other threats that are now becoming more common. Any time users are online or connected to a network, their computers are vulnerable to a variety of additional threats. In reality, with a Windows PC, there are about 65,000 "ports" or places of entry for the exchange of information. While online in any fashion, a PC can be a target of either someone trying to electronically break in or a previously undetected "backdoor" secretly installed on the user's computer may attempt to send information from the computer to someone else. Trojans with the names of Back Orifice or Backdoor-G have become extremely common; there are hundreds of others as well. These programs allow someone else almost unrestricted access to anything on the user's computer any time they are online. Ranging from a simple irritant to industrial espionage or sabotage, these trojans are just one type of threat to the online user.

Another surprisingly common threat is someone trying to break into the user's computer while it is online. If successful, then everything from keystrokes, typing usernames and passwords, to data theft and manipulation become possible.

In order to minimise the chance of an outsider gaining access to a user's computer while online, a program generically called a "firewall" is often a necessity. Originally only used by large institutions on their networks, firewalls have become a security essential on millions of home or small business computers on a network or online. A firewall functions by either closing vulnerable ports, or monitoring incoming and outgoing data, and issuing an alarm when a suspicious data transfer is found. While a lesser (but still common) problem with dial-up Internet access, a firewall may be a necessity on a computer with DSL or cable modem access. Being "always online" makes a computer an easily identifiable target. While there are some very good commercial firewalls for PCs, such as BlackIce, Norton Internet Security, and McAfee Firewall, one of the most popular is the top-rated Zone Alarm from Zone Labs. Zone Alarm is free for personal use and available for download at www.zonelabs.com. Just like the antivirus software, the firewall publishers often make updates available on the Internet. There are a variety of free websites that can identify online security breaches. One of the most popular is the Shields Up test available free at:- <http://gre.com>.

To paraphrase a popular unrelated warning, all computer users "need to practice safe HEX."

Ira Wilsker is an Instructor IV of Management Development at Lamar Institute of Technology. Ira has been working with computers since 1965 when he took his first computer class at the Illinois Institute of Technology in Chicago. Ira is a frequent guest on the local television news, and has lectured internationally on a variety of computer topics ranging from computer and Internet basics, to CyberCrime, and Community Oriented Policing. Ira is a member of the Golden Triangle PC Club and a member of APCUG's Board of Advisors. There is no restriction against any non-profit group using the article as long as it is kept in context, with proper credit given to the author. This article is brought to you by the Editorial Committee of the Association of Personal Computer User Groups (APCUG), an International organisation to which this user group belongs.



Anyone who has had an e-mail account for more than twenty three and a quarter milliseconds has received Spam, so there's no need for a lengthy description of it. Basically, Spam is unsolicited advertising e-mail messages. My goal for this article is to give you a few pointers on how to reduce the amount of Spam you receive or possibly eliminate it, and some ways to deal with it when you do get it. Before we get started, you should understand that there are two kinds of e-mail advertising.

Opt-in and Opt-out

Opt-out is Spam. Opt-in is any sort of commercial mail, such as newsletters, catalogues and sales flyers that you have agreed to accept. Usually, you agree to accept these as a condition, reward or benefit of registering with an online service. Be careful about the difference. If you get a message that you believe is Spam, think first about any agreements you may have made recently.

Attempt to Eliminate

I don't believe that you can totally eliminate Spam, but this is as close as you can get: filter out mail from any sender whose address is not in your address book. Set up your mail system so that it will compare the sender's address to those in your address book. If the sender's address does not match anything in your address book, the mail will be rejected or redirected away from your inbox. This is fairly simple to set up, however not all mail systems offer this feature. Using Hotmail, as an example, go to Options, then Inbox Protector under Mail Handling. For Level of Protection select Custom, and then check only if the senders

address is in your Hotmail address book. If you really don't want to be bothered, you can also select the trash can as your discard folder.

While this method seems foolproof, I have heard anecdotal evidence that some Spam has slipped through, so I can't guarantee it. Also, remember that this will not protect you from any virus that an "approved" sender might mail to you. You should also keep in mind that this will prevent you from receiving any mail you have requested, such as newsletters you sign up for, unless you can get their address into your address book first.

Anti-Spam Mail Accounts

There are mail systems out there whose main claim to fame is the near total elimination of Spam, as well as aggressively reporting Spammers. These services use a combination of methods to prevent Spam. I'll give a quick description of the most famous one, SpamCop. When you sign up with SpamCop, give them a list of these senders will pass through unimpeded, exactly as in the Hotmail example previously mentioned. Now things get complicated. Any mail from a service provider that is on SpamCop's approved list, or that SpamCop has never heard of, will be passed through as well. Any mail from a service provider whose name is on the Evil Children of Satan list will be placed into a "holding area." The sender will receive an automated reply explaining that they've been blocked because their service provider is in league with the minions of Hades. The sender can then fire back a reply that he or she is not a spammer and this was a legitimate message. The mail will then be sent on to you. If you do receive Spam, you report it to the mail service and they'll take care of reporting it. If a provider causes a lot of complaints from members, then that provider will be considered scum of the earth and placed on the bad list. You don't totally eliminate the Spam, but you do cut it way down and get the satisfaction that providers who generate a lot of Spam will be inconvenienced.



Try to Fight Back

Fighting back is OK as long as you understand that you will ultimately lose. At best, you may close down a few Spammer's accounts, but they will just open new ones. At worst, your mail account may become unusable.

When you open a message that turns out to be Spam, there will almost certainly be a link at the bottom that you can click on to cancel further messages. This seems pretty easy, just click and end the torment. Right? Don't you believe it! What you're really doing is proving to the Spammer that your e-mail account is valid and that you read Spam. The vicious little insect will then sell your address to others of its species and you will be inundated. You could try reporting the Spammer. This may give you some personal satisfaction, but don't think for a minute that it'll accomplish much. First off, you'll need to set your e-mail system to "display full header information." What you're doing here is inserting all of the available routing history into the message when it's displayed, rather than just who sent it to you and the date of transmission. This will, hopefully, give enough information to the Spammer's provider that they can track down the weasel. The downside is that the full display option takes up more space. It'll also insert a mountain of text into your mail when you forward messages. You can delete it, but it's extra work to do so. So, the question is, are you willing to put up with all the extra gobbeldygook just to report a Spammer? Your email service provider's Help should tell you where to report Spammers, but usually it will be "abuse@" followed by the provider's name, e.g., abuse@yahoo.com. You need to forward the Spam message to the

"abuse@" address, making sure that you have the full header showing. Now the problem with that is that you had to open the Spam to forward it. Guess what? The Spammer may now know that you read the message and you will again be inundated. Maybe it's worth it to you just to report. However, I have reported Spammers numerous times and all it got me was some very nice automatic responses and an increase in Spam mail.

Now, you can use certain tools to try and trace the Spammers yourself and report them. Whois (which is freeware) from Net Services at:- <http://www.cix.co.uk/~net-services/spam/whois.htm> is supposed to show information on the originator of the mail. You can then send a complaint to their provider. Another program from Net Services is Spam Hater at:- <http://www.cix.co.uk/~net-services/spam/spamhater.htm>. This program is supposed to help you trace and report Spammers as well.

The alternative is to delete any and all messages that you do not recognise.

Spammers have a way to get notices that you opened their mail and now that you have verified that your address is valid, your address will be sold and you will get more Spam.

Whenever I forwarded Spam from Hotmail accounts to abuse@hotmail to report them, I got replies that there was nothing that could be done because the addresses in the message were fake. Within days, I was flooded with Spam from hotmail addresses. The same results from Yahoo and Netscape. On and on. When I started simply deleting the Spam, the volume slowly decreased. Well, on my Hotmail account there is one other thing I do; perhaps your account has a similar feature. In Options go to Inbox Protector under Mail Handling. In the Level of Protection, select Custom and then check-Your address appears on the "To:" or "CC" line and the sender's address is in your Hotmail Address Book. This seems to have cut down on my Spam somewhat, but it's not certain. (Thanks to NOCCC Orange Bytes for these extracts)

Editor's note

There is another utility called MailCall 2, which can delete all unwanted mail. It is available free from:- <http://www.pcmagazine.com> (downloads)

Email - Manage the Medium

By SteveBass, Contributing Editor, PC World



Eudora, my e-mail client of choice, tracks all my email use, reporting, for example, that about 3500 of the messages I received last year had attachments, of which I read only about 60 percent. Here are some tips to make email easier to read and if you want your messages read, consider your recipient. That's what these rules are all about.

Think-short: Limit the message to three paragraphs, each with no more than four sentences. If you must include more, introduce points with short previews-for instance, "Deadline? Did I miss it?"

Stay plain, Jane: Avoid the fancy formatting, flowery backgrounds, and gaudy colours that new versions of e-mail software allow. Many people still use e-mail programs that support plain text only. Also, what's cool on your monitor may look like hell on mine.

One person, please: If you're sending an e-mail to a large group of people, hide the recipient list to keep the file size down. It's all right to use your e-mail app's carbon copy (cc) feature if you need to let everyone know who else is getting the message, but otherwise use the blind copy (bcc) feature. Address the message to yourself (or leave the "To:" field blank, if your software allows it) and bcc everyone else.

In Outlook Express, select View and check All Headers. In Outlook, choose View and check Bcc Field. In Netscape 6, click the To field and scroll to Bcc. Eudora's the easiest-just fill in the "bbc" field.

Clean it up: Forwarded messages are usually overloaded with annoying angle brackets (>), extra spaces and carriage returns, and uneven word wrapping. That's one reason why I don't read them, and you shouldn't be surprised if the messages you forward aren't read either. You

can scour the e-mail you forward to get rid of the gobbledygook. All it takes is a quick cut and paste into The ECleaner freeware utility that's available at our Downloads library:-

(http://www.peworld.com/downloads/file_description/0,fid,6492,00.asp).

Unfortunately, ECleaner doesn't remove the e-mail headers in the original message, so you need to delete them manually before forwarding. (AOL doesn't show you the forwarded message's formatting, so copy the message into a text editor, clean it up, and paste it into a new AOL e-mail.)

Risky Attachments: Every e-mail I send or receive that has a file attachment carries built-in risks. Viruses and Trojan horses are the most obvious, but file size is another. I found this out after I accidentally tied up an editor's \$2-per-minute dial-up account-for 40 minutes-with a huge attachment. (Not smart.) Unless you know the person, don't attach anything (images, programs, or Internet movies) to an e-mail. If you must, and if the file's larger than 100KB, be sure you get the recipient's permission first.

You can save yourself grief by setting your e-mail program not to accept attachments over a specific size. And always play it safe-before opening a file, save it to a convenient folder and scan it for viruses. There's no space to do so here, but I'll provide step-by-step details for these filtering and scanning procedures in my online newsletter at:-

http://www.peworld.com/resource/newsletters/index0,sub_source,PCW_XD,00.asp.

Occasionally I receive e-mail with an attachment that looks like it's been sprinkled with sawdust, but it has probably only been Uuencoded or MIME'd, rendering it seemingly indecipherable. OnTrack's free PowerDesk Windows Explorer replacement can make those messages intelligible. See:- www.ontrack.com

Steve Bass runs the Pasadena IBM Users Group. Write to him at:- steve_bass@peworld.com and sign up for the Steve's online newsletter:- www.peworld.com/bass_letter.

Our thanks to PC World for these extracts

Those ZIP & PDF files



Trouble with some of those attachments and downloads? What do I do with those *.zip (a data compressed file) and *.pdf (Portable Document Format compressed file) files ?

One of the most important things we need is a program to unzip compressed files labelled as Zip files. There are several programs out there such as Aladdin, Winzip, etc. **Winzip** is the easiest and most widely used and a trial version can be downloaded free from the internet:

www.winzip.com

After downloading **Winzip (winzip8.1.exe beta)** is the latest version) save it to a folder such as "My Downloads" or what ever folder you want, where you can find it. If you have

an older version remove it first by going to **START/SETTINGS/CONTROL PANEL**, then double click on **ADD/REMOVE PROGRAMS**. If Winzip is on the list, then click on it to highlight, then click on the Remove button to uninstall it.

Now, you are ready to install **Winzip** by finding your file using Windows Explorer (file management tool) and doing a double click on your downloaded file (**winzip81.exe**). or go to **START/RUN**, type in:

C:\My Downloads\winzip81.exe

and click on OK. The program called **WINZIP** will install itself and put icons on the Start Up menu, the Desk Top and in the Program listing. (I delete the one on the Desk Top with a right click and select Delete).

Now we are ready to unzip those compressed files received from email, web, etc.

To unzip a file is very easy, just select your file and do a double click, **Winzip** will automatically come up showing you what is in the zip file. Go to the top right and click on **EXTRACT**, which will bring up the menu that allows you to select the folder you wish to extract and save the file(s). After you have the folder selected, click on the **EXTRACT** button. That's all there is, now you can go to your folder and use your extracted or unzipped file(s).

If your unzipped files are picture files and you double click on them, they will come up in Windows Paint (*.bmp) or Internet Explorer (*.jpg, *.gif, etc), unless you have a photo program. If the files are text files you will see them in Notepad or wordpad, or you can view them in your word processor. If they are PDF (Portable Document Format) files then they require a special program called Acrobat Reader by Adobe.

To get your free Acrobat Reader 5.0, go to the Adobe web site at:-
www.adobe.com/products/acrobat/readstep.html

Save your file (**ar50eng.exe**) in your special folder such as "My Downloads". Before installing this program be sure you remove the old version just like we did for **Winzip**. Now go to your special folder and locate the acrobat file and double click to install it, or go to:

START/RUN and enter:

C:\MyDownloads\ar50eng.exe,

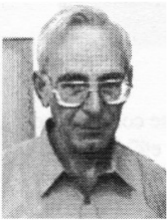
then click on OK. Restart windows!

Once this is installed and windows is backed up, you can double click on any **PDF file** and the **Acrobat Reader** will come up automatically.

I hope this helps people to read those email attachments and program manuals!

By Bob Elgines, Editor for the Colorado River Computer Club user group located in Lake Havasu City, Arizona,

There is no restriction against anyone using the article as long as it is kept in context, with proper credit given to the author.



Prize Puzzle for September 2001

by David Broughton



Three Thieves and a Box of Apples

A thief finds a box of apples and steals half the apples plus half an apple. A second thief comes along later and steals half the number of apples that the first thief stole plus half an apple. A third thief steals half the number of apples that the second thief stole plus half an apple. There were then none left. How many apples were there in the box in the first place?

(With acknowledgements to Lewis Carroll who proposed the two-thief problem -- see below.)

Some help: Suppose that there were only two thieves and the story goes the same way: the answer is then 5 because the first thief would steel 3 apples which is half the number in the box plus half an apple. The second thief would then steel two apples which is half the number of apples that the first thief stole plus half an apple. The total is 5 apples. This is the way it goes so a little guesswork and testing is all you need to solve the three-thief problem.

Answer to the 5x5 Matrix problem

0	0	0	9	2	= 8
5	1	1	0	4	= 11
2	5	4	0	0	= 11
3	1	3	1	3	= 11
1	4	3	1	2	= 11
					= 8
11	11	11	11	11	

The above diagram shows one of many possible answers. This puzzle was answered by some competitors without the aid of the downloadable computer program that helped with the arithmetic.

Well done Rosemary West, Peter Woollerton, John Bownas (who won the draw and a £5 book token), Colin Boon, Clem Robertson, Peter Greenhalph, and Ken Cameron.

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Contact:- **John Atkin**



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