

Our editor was in the hot spot recently, presenting a talk on Microsoft Publisher 2000 and how the Hot Key newsletter is produced each month. The first hurdle on the night was adjusting the iiyama 19" monitor to accommodate the big screen monitor so that all present trying to access the Kodak DC200 picture card, which proved to be impossible as the special camera drive had disappeared from "My Computer", as did the USB drivers for the Epson 880 colour inkjet printer and the Brother laser printer in "Device Manager". In addition the Colorific colour Management system had changed completely in "Display Properties", so these features were not shown.

However, in spite of the misadventures, the members present seemed to enjoy the presentation and the feedback from the audience was encouraging. It takes much time and hard work to produce Hot Key each month and it was felt that seeing the software in action and how the Hot Key newsletter is put together, made the talk more interesting.

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FUTURE MEETINGS

3rd January	Windows Millennium Operating System	Denny Linzmaier
17th January	Backup Systems	David Broughton and Douglas Rankine
7th February	A.G.M. followed by Questions and Answers on hardware and software	Dennis Linzmaier
21st February	Introduction to Internet Usage	Tim Bateman
7th March	Spreadsheets	David Broughton
21st March	Hardware Upgrades	Dennis Linzmaier
4th April	Microsoft Power Point	Doug Rankine
18th April	Latest Computer Products	To be advised
2nd May	Website Design	Alan Anthony
16th May	Developments in Computer Graphics	Bob Groom



The above are the current Committee Members - Nominations are required for 2001

Cast your vote at the forthcoming Annual General Meeting on the 7th February to re-elect or nominate a person for the posts of Chairperson, Secretary, Treasurer, Membership Secretary and other Committee members. Please ensure that the persons you nominate are willing to stand. A seconder will be required at the meeting.

ISLE OF WIGHT PC USER GROUP- COMMITTEE MEMBERS

3

Honorary President:

Sir Norman Echlin,

**Chairman:**

Dennis Linzmaier,

Vice Chairman:

David Broughton,

Treasurer:

Bob Groom,

Secretary:

Christine Jenkins

Membership Secretary/Marketing Manager:

Douglas Rankin

Hot Key Distribution & Refreshments:

Peter & Dorothy Wolletron

Hot Key Editor:

Brian Sexton

New Members Co-ordinator:

Maggie Butler

Riverside Centre Liason:

Ian Capon

Meetings Reception Assistant:

John Atkin

Committee Member:

Marilyn Barrett

Committee Member:

Cliff Maidment

Disability Resources Co-ordinator:

Helen Edom

A happy New Year to you all.

Since my last editorial I have subsequently discovered the gremlin in my computer to be a faulty floppy drive, which was causing the freezing of my applications. In view of this I decided to buy myself a

Christmas present to upgrade my operating system from Windows 98 to Windows Me. I am pleased that I have made a quality decision as I can imagine the hard work and development that has gone into Windows Me. It certainly is more stable than Windows 98 and is faster starting up and shutting down, plus the additional thumbnail facility in My Pictures is a vast improvement. I particularly like the "Scanner and Camera Wizard", which allows you to transfer image files directly from your digital camera to Documents or email. You can view your digital pictures while the images are still in the camera, check battery life, mode and flash settings. There's also a Image Preview button which opens a new window with the options to zoom, print and rotate; much quicker than opening Internet Explorer or your graphics software just to see a picture. There's a link on the side of My Pictures window that shows you a full-screen slideshow of all the images in the directory. A recommended buy.



It was disappointing that our Christmas Party at the Riverside Centre was cancelled due to unforeseen circumstances but we nevertheless have some interesting meetings to look forward to including the AGM, where we can elect our New Committee for 2001. Your presence at this all important meeting would be appreciated, in order for your vote to be influential in the IWPCUG election of the appropriate leaders for 2001.

Our Chairman, Denny Linzmaier, has recognised the need for a Computer Car Boot Sale, especially as our usual November Computer Show was cancelled last year. This is an idea that the Committee are in favour of pursuing but we need the support of all our members to supply any old computer parts that are no longer being used and any software that would be of value in the Car Boot Sale. Suggestions for the location of the Car Boot Sale would be welcome: Brickfields and Lushington Hill have been mentioned but the venue is still to be decided.

Recommended Website:- <http://www.infinisource.com>

Recommended:- - Mirai Burn Proof CD-RW drive - <http://www.mirai-technologies.com>

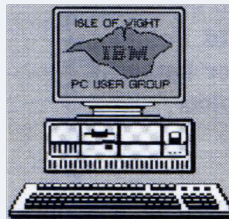
The Isle of Wight PC User Group

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.

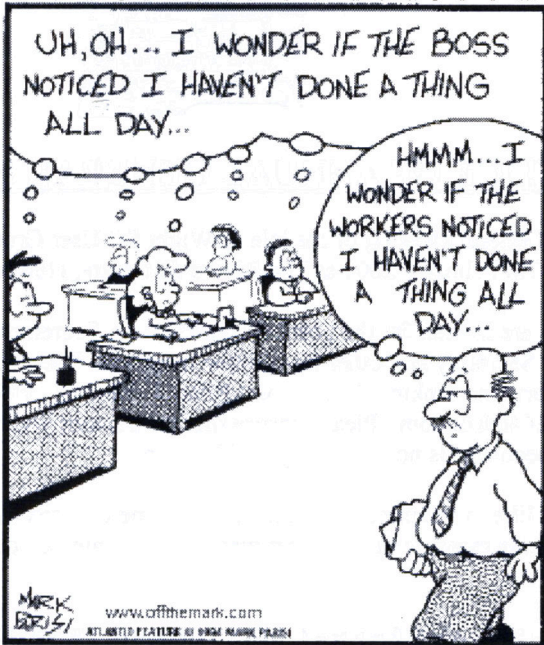
If you would like to know more about us, either come along to one of our meetings or contact

one of our Committee Members on one of the numbers on page 3.

We're on the web :- <http://www.ddina.demon.co.uk/iwpcug/>

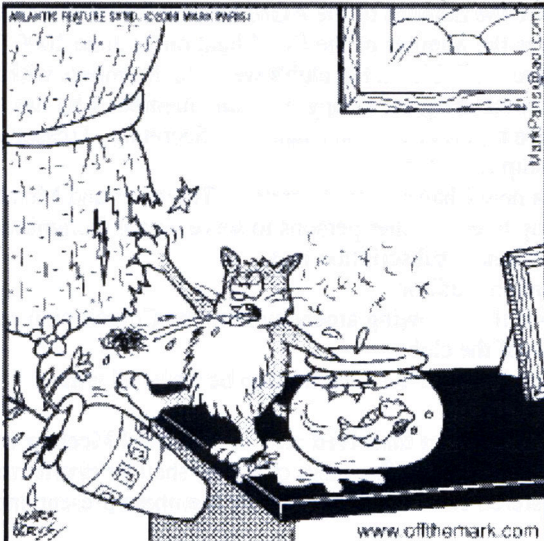
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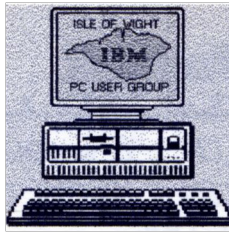
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WITH SO MUCH TO ACCOMPLISH, JEROME MASTERS THE ART OF MULTI-TASKING



NOTICE OF ANNUAL GENERAL MEETING

The Annual General Meeting of the Isle of Wight PC User Group will be held on Wednesday, 7th February 2001 at The Riverside Centre, Newport starting at 7.30 pm.

Nominations are invited for the posts of Chairperson, Secretary, Treasurer, Membership Secretary and other Committee members. These should be sent to the Secretary, Christine Jenkins, 19 Newport Road, Lake, I.W., PO36 9LW or e-mail to cjenkins*****@***.com. Please ensure that the persons you nominate are willing to stand. A seconder is not necessary at this stage.

If you would like to volunteer your services in some capacity, please don't hesitate to ask a Committee member or any other member to nominate you.

ANNUAL GENERAL MEETING, 7th FEBRUARY 2001

AGENDA

1. To approve the minutes of the AGM held on 2 February 2000
2. To approve the minutes of the EGM held on 21 June 2000 (Copies of these minutes are available on the club's web site. Members without an Internet connection may request a copy from any member who has.)
3. To Receive reports from the Chairman, Secretary, Treasurer and Membership Secretary.
4. To elect a new Chairperson, Secretary, Treasurer and Membership Secretary.
5. To elect up to eight other persons to serve on the Committee.
6. To set the annual subscription rate.
7. To appoint an Auditor.
8. To approve the following amendment to the Constitution concerning the dissolution of the club:
That paragraph 14 of the Constitution be replaced with:

14. The Club may be dissolved only at a General Meeting whereupon the club assets and funds (after discharge of debts) shall be distributed to one or more registered charities as decided by members present and voting at the meeting.

9. Any Other Business concerning the management and activities of the Club.



Flash Memory Gaining Ground As Portable Devices Increase

by Ken Fermoye

Perhaps "flash memory" is not part of our daily vocabularies, but the technology is rapidly becoming part of our lives, even if many of us don't realize it. Flash memory, you see, is used in cell phones, digital cameras, MP3 music players and other portable devices we all use more and more these days. It also plays a big role in unseen areas, such as networking devices from companies like Cisco.

Perhaps the most visible use of flash memory to consumers currently is in the little memory cards or sticks that slip in and out of digital cameras. Familiar brand names include SmartMedia and CompactFlash. Many other devices have built-in flash memory, so we aren't even aware that it's there.

But it is, and in growing numbers. Sales for 2000 are expected to hit \$10 billion or more, more than double the total for 1999. Manufacturers such as Intel, AMD and Fujitsu will reap substantial profits as a result. And companies continue to announce new products or developments almost weekly.

For example, Intel Corporation in October 2000 introduced a new flash memory chip designed to enhance the performance of next-generation Internet phones and wireless devices. Intel claims that the new 1.8 Volt Wireless Flash Memory is the "highest performance flash chip available, carrying out key functions up to four times faster than existing flash solutions." The increased performance will result in higher data throughput rates to speed up data-intensive Internet phone applications such as browsing,

data streaming and text messaging, the company reports. Energy savings of up to 60 percent are also claimed for the new low-voltage memory.

In another indication of flash memory growth, AMD earlier announced that it has entered into an agreement with the Hewlett-Packard Company (HP) to supply flash memory products over the next three years. Under the contract, AMD will provide HP with flash memory products designed to support a broad range of products including its inkjet printers and various print servers.

"Our high density and Page Mode flash memory devices offer an ideal complement to HP's innovative products," said Walid Maghribi, group vice president of AMD's Memory Group.

AMD produces a broad spectrum of flash memory products, including the award winning "Simultaneous Read Write" (SRW) product family, Super Low Voltage 1.8V flash memory devices, and Burst and Page mode devices. Significantly, all of AMD's flash memory products are guaranteed for a minimum of one million write cycles per sector and 20 years data retention, "making them the most reliable non-volatile memory devices offered in the industry," according to AMD claims.



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**Ken's Korner
NewsByte**

Wireless Headset Is First To Meet Bluetooth Standard

by Ken Fermoye

You may or may not have heard the name "Bluetooth" in the past, but you are sure to hear it a lot in the future. Reason? Bluetooth is expected to be the jumping-off point for a giant leap forward in wireless communications.

To understand why, you need only recall the story of the Tower of Babel. Inability to communicate stymied its builders. That's been true of wireless communication devices. Until now. An industry-wide Special Interest Group developed the Bluetooth standard to ensure interoperability between wireless devices such as cellular phones, computers, and PDAs (personal digital assistants).

Nokia, Ericsson, 3Com, IBM, and Lucent Technologies are among the more than 100 companies that make up the Bluetooth Special Interest Group.

Interestingly, a small New Hampshire company beat mobile phone biggies Nokia and L.M. Ericsson out of the Bluetooth starting gate. GN Netcom has announced one of the first officially qualified Bluetooth devices, its GN 9000 Bluetooth wireless headset.

Now a new headset might not seem like a big deal, but releasing one of the first Bluetooth devices is a "milestone" both for GN Netcom and for Bluetooth technology, according to Michelle Boockoff-Bajdek, the director of

marketing communications at GN Netcom.

The product underwent the extensive testing required by the Bluetooth Qualification Body to ensure interoperability with the standard, Boockoff-Bajdek said. This is a crucial step, because "the success of Bluetooth as a standard hinges on interoperability," she said.

The headset will require a Bluetooth host device -- either the base station, which GN Netcom sells, or a Bluetooth card for a PC or PDA -- to operate. When such a device is present, the GN 9000 Bluetooth headset will offer users a mobile range of up to 30 feet (900 centimetres). The device will retail for \$299, and a package including the base station and headset will cost \$499.

Though this price level puts it out of the reach of small office/home office (SOHO) users, which includes most Ken's Korner readers, I agree with GN Netcom's Boockoff-Bajdek that the headset is a significant milestone. It is the harbinger of things to come, the "first robin" of a wireless communications spring, as it were.

We must put the cost into context, notes Paul Mahoney, the director of product marketing at GN Netcom. The idea of Bluetooth "is to allow [the consumer] to use a single device instead of six or seven," he said, adding that \$299 for a single product is not expensive compared to buying multiple items for multiple devices.



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System Resource Meter

Running System Resource Meter in System Tools adds a green icon to the system tray. This turns red as your applications use resources up. Click on the icon to see how much memory is used or to see a bar chart. If resources are often low in normal use you should weed out your start-up folder by typing **msconfig** in the run box.

Tweak UI 1.33

If you are using Windows Me, don't use the Windows 9x versions of Tweak UI. There is a new version of Tweak UI for Windows Me, namely Tweak UI 1.33. If you don't like the way the names of new shortcuts always begin with 'shortcut to', then use Tweak UI to correct this. Go to **Start, Settings, Control Panel** and double click **Tweak UI**. Click the Explorer tab and in Settings, uncheck 'Prefix "shortcut to" on new shortcuts'. For more info see:- <http://www.winmag.com/help/sbs/2000/tweakui/default.htm>

Swap Less, Speed Up

If you have plenty of RAM (128Mb or more), try adding the following line to the [386Enh] section of your /Windows/SYSTEM.INI file. Add the line **Gust type sysedit** to the Start, Run box:

ConservativeSwapfileUsage=1. This could reduce the amount of disk swapping Windows does and so speed up your system.

Use Less Colours

Using a video mode with lots of colours in Windows takes lots of memory. Right-click on your desktop and select **Properties, Settings** and if you are using a 24-bit or 32-bit display mode, try reducing it to 16-bit mode. You will not notice the difference but your PC will have much less work to do.

Computability jottings

Thirty-two new clients in the year 2000!

Several club members have been involved in helping disabled people use computers throughout 2000. With their help, twenty-seven new clients have either been lent a computer and taught to use it, or had help resolving difficulties with their existing computers. Five more clients are waiting for help in Ryde, Shanklin, Ventnor (2) and Sandown. We have begun to work more closely with the IW Blind Society and eight of the people, whom we've been able to help, have visual impairments. This ranges from one lady who can now use a computer without adaptive equipment, thanks to a volunteer showing her how to

enlarge the type size on her screen, to a totally blind man who uses the latest Jaws screen reader to enable him to operate Windows successfully. Other clients have various disabilities, e.g.: severe arthritis, autism, stroke, dyslexia, ME, fibromyalgia, learning difficulties, bone cancer -- sadly the list is endless. Most of these people have been able to use a computer without adaptive equipment, finding a keyboard makes fewer demands on flexibility and co-ordination than a pen or pencil. The existing disability settings in Windows have occasionally been used to customise a keyboard, e.g. giving a time delay after each keystroke to help someone with a tremor. A client with dyslexia has found specialist spelling and reading programs helpful, if expensive!

Almost everyone to whom we've lent a computer has been bowled over; but a more typical reaction is, in the words of a man recovering from a stroke; "I would never have realised how beneficial a computer could be if I hadn't this opportunity to borrow one". I haven't mentioned volunteers' names in this article as people often plead embarrassment if I threaten to mention their good works but I intend to write a full summary of the Computability Project's achievements for the February AGM. I won't reveal clients' names for obvious reasons but I will mention volunteers by name, if I may, as their valuable work deserves to be publicly recognised. If anyone would really, really hate their name to be used please E-mail me by the end of January.

Helen Edom



TELLME version 1.3

by David Broughton

PURPOSE

The program TELLME is specifically to assist persons who have a web site and use the program WS_FTP.EXE to upload their files to the remote host site. By analysis of the ftp log file and comparison with the dates and times of files in the current directory, the program informs the user if...

1. any updated files have not been uploaded since they were updated.
2. any files that have not been uploaded at all.
3. any files have been uploaded to the wrong destination directory.
4. any files have been uploaded in an incorrect transfer mode (Ascii or Binary)
5. any files have been uploaded that contain upper case characters in the destination file name.

NOTE: You do not have to be on-line to run TELLME.

The program assumes that the user has a directory on his/her own personal computer that matches one at the remote site. If more than one directory is in use, the program can be run separately for each directory and sub-directory.

The program is for running under DOS on an IBM-PC compatible computer. It can also be run in any version of MS Windows just with a double click on a desktop icon.

OPERATION UNDER DOS

The working directory must be the directory to

be checked. At the DOS prompt, the program is run by typing the name TELLME and pressing Enter. (The program file should not be in the working directory so a path or disk drive may have to be included.) The file WS_FTP.LOG is assumed to exist in the working directory. This file contains a history of file transfer operations with the remote site in date order. If no such file exists, the program reports an error.

On starting, the program states its name and version number and the remote site directory taken from the log file. This is the directory that is assumed to be correct -- any files uploaded to any other directory will be reported as WRONG DIRECTORY. (For very long remote directory names only the last 50 characters are shown on the screen.)

The latest file operations are noted from the ftp log file and the dates compared with the files in the directory. Any file with a more recent date is flagged as ***** UPLOAD ***** (the asterisks are used to make this stand out). The date-time shown on the screen is the date-time taken from the log file. A DIR DOS command will show you the date-time when the file was last changed, which will be later.

Files that exist in the local working directory but have not been uploaded are flagged as NOT UPLOADED, but exceptions are files of type BAK, LOG and XXX. The XXX type is to allow some files to exist in the directory without being continually flagged as not uploaded. All other files that are not intended for uploading should be removed from the directory to avoid this problem.

Version 1.3 update: Another exception to those mentioned in the preceding paragraph are files that have names starting with the tilde character. Such files in the local directory will be ignored and not flagged.

Binary files, defined as type GIF, JPG, PNG, EXE, COM and ZIP are checked that they were uploaded in the correct transmission mode. Other binary files are not checked for the correct mode. (If you want other binary files included in this list, contact the programmer.)



Files uploaded containing upper case letters in their file names (at the destination end) are also flagged as it is generally the case that all uploaded files should have lower case names. The program WS FTP has an option that ensures that this is so.

The program TELLME does not change anything. It is for information only. It is up to the operator to carry out whatever is needed to obtain a clean run. A clean run is shown with the words "ALL CORRECT!".

OPERATION UNDER WINDOWS 95/98

The program can be run under Windows by making a copy of the MS-DOS shortcut, renaming it and changing its properties. Make sure the working directory is the directory that contains the set of mirrored files and give the full path of the program name, including the extension, in the "Cmd line:" box. For example, "C:\UTIL\TELLME.COM". Untick "Close on exit" so that you can see the results.

If you have more than one directory that you maintain at the remote site, you can set up a batch file that will do a TELLME run in each corresponding directory on your computer. In this case, the program will be run from the batch file, not from the Windows "Cmd line:", so the Windows "Cmd line:" box should have the name of the batch file. Leave the "Batch file" box clear.

PRUNING THE LOG FILE

It is usual to prune the log file after a time as otherwise it will grow indefinitely in size. But if you do, make sure you do not remove entries that relate to old files that have not been recently updated as these will show up as NOT UPLOADED if the log file has no record of the files ever having been uploaded.

Obsolete files should be removed from the directory.

DATES and TIMES

The dates and times shown on the screen are in ISO format, i.e. they are in the agreed international unambiguous format in the order year-month-day/hour-min. This is the same order as in the WS FTP log file, though the century is missing or incorrect in the log file.

The dates and times shown on the screen are the dates and times of the files in the log file, except in the case of those flagged as NOT UPLOADED. These have the directory date-time as there is no entry in the log.

WARNING MESSAGES, SUMMARY

***** UPLOAD ***** This file: has changed since it was last uploaded and should be uploaded again as soon as possible.

NOT UPLOADED

There is no record in the log file of this file ever having been uploaded. Either upload it, delete it or remove it from this directory.

UPPER CASE FILE NAME

This file has at least one upper case letter in its destination file name. This is assumed to be an error. You can avoid this either by making sure your local file name is all lower case or change the settings in the program WS FTP so that destination file names are converted to lower case.

NOT BINARY TRANSFER

This is a binary file that has been uploaded as if it were a text file. The file at the remote site will be corrupted. Upload it again in binary mode.

WRONG DIRECTORY

This file has been uploaded to the wrong directory. (The definition of what is "wrong" is by reference to the majority destination of other files.) You need to upload it to the correct directory to avoid this warning message. (You should also, of course, delete it from the wrong remote directory.)

When TELLME is run under an MS Windows operating system, it may be found convenient to make an icon on the desk top that, with a double click, would activate the program in one or more directories using a batch file. The errorlevel values on exit may be found useful. They are as follows:

Error Level

0 This is the "ALL CORRECT!" exit. No files have been flagged as requiring attention.

1 No WS_FTP.LOG file is in the working directory.

2 Too many files to process. The program has run out of memory.

3 At least one file has been flagged as requiring attention, maybe more.


4 The name of the remote directory cannot be determined as there are too many different ones for the program to deduce the most frequent.

Each error exit is announced by the program with a suitable message, allowing error levels 1 to 4 to be treated as one.

Because the WS_FTP log file does not record time to the precision of seconds, it is possible that the date/time of a file (which includes the seconds) can appear to be later than the corresponding log entry when in fact it is earlier. This will cause the display ***** UPLOAD ***** to appear erroneously. This will only happen if the file is uploaded to the remote site within the same minute that the file was updated. To avoid this, wait at least one minute between updating a file and uploading it to the remote site.

Although the program TELLME could be written to avoid this problem by allowing one minute of tolerance on the date/time of the log file entry, it would then be possible for the program to display ALL CORRECT when a file had been updated AFTER uploading within the same minute, giving the reverse fault. It was judged that the display ALL CORRECT should be that with the highest integrity at the expense of a possible incorrect display of***** UPLQAD*****

David



SURFERS BEWARE

There is a web site called GoHip.Com that wants to infect the world with its "browsers enhancement" option. A couple of clicks and the GoHip website doctors your web browser, installing itself as the home page, adding six promotional bookmarks and altering the signature details of your email system in order to promote itself further. The site warns (in small print) that once these changes are made, reversal is impossible without a special removal application , which requires you to go to their website to download the removal tool at:-

www.gohip.com/remove_browser_enhancement

Thanks to Molly Mills for this info



Ken's Korner NewsByte

Relief in Sight from Barrage Of Irsome TV Commercials?

by Ken Fermoye

Are you fed up with the seemingly endless barrage of commercials crammed into your favourites TV shows and sports events? If so, join the club! But relief may be in sight, according to Electronic Digest.

The magazine reports that sophisticated new integrated circuit controllers will improve performance of Set-Top Boxes and Personal Video Recorders (STBs/PVRs). The new ICs will make the devices less expensive and more versatile. This should eventually change their status from novelties with appeal, to a limited market of "early adopters", to appliances that gradually will take the place of today's VCRs.

Electronic Design also notes that the new controllers "can be used to manage arriving and departing data streams, into and out of set-top boxes, storage devices, digital TVs and PVRs," from a variety of sources, including broadband cable, satellites, terrestrial and IP (Internet Protocol) networks.

What does this have to do with computers? PVR technology is digital, like computers, not analog like VCRs, and data is stored on a hard drive, like computers, not on magnetic tape. A PVR will do everything that a VCR can, but with significant improvements.

For example, I have about given up on watching a lot of TV when it is aired, especially movies. Instead, I record them on a VCR and play them back later, fast-forwarding through commercial breaks. This scenario works even better with a PVR. You can record a program in real time but pause it at any point, at a commercial break, for example.

The PVR keeps recording the program while you get fresh coffee, go to the bathroom or whatever. When you return and hit the Pause button again, the recorder picks up where it left off, playing the program back from the hard drive. Now you can fast forward quickly through the commercials and enjoy what you really wanted to see.

You will also be able to do your own instant replays; just rewind, then replay segments you want to view again. You can also pre-program a PVR to record favourite programs automatically, just as with a VCR.

(Ed. Note: If you currently use a PVR and service like TiVo, Ken Fermoye would love to hear about your experiences with these technologies for possible use in a future article. E-mail him at kfermoye@*****.net.)



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PRIZE PUZZLE CORNER
by David Broughton



PRIZE PUZZLE FOR JANUARY 2001

Here is a string of letters:

MAPGOCOKSTNEDLAREIYL

The puzzle this month is to find words of more than four letters reading from left to right. For example, I have found MOCKERY, COSTED, MASTER, COSTLY, POSTER and I'm sure there are many more.

You must find:

1. The name of a month.
2. A fish.
3. An animal.
4. A bird.
5. A breed of dog.
6. A day of the week.
7. A flower.

Remember, they must all have more than four letters.

Please send your list of words to me, David Broughton (see address page 3) to arrive by February 7th 2001.

ANSWER TO THE PUZZLE ON THE NOVEMBER CD-ROM

This puzzle was a program named ADD99 where you had to move numbered tiles around to form an addition sum. There were many answers. One was $29739 + 969459 = 999198$.

Congratulations to the five persons who sent me the secret code word to show they had completed the puzzle. They were:-

Dennis Linzmaier, Rosemary West, Peter Woollerton, Ken Cameron and Clem Robertson. Clem Robertson completed the puzzle in the least number of moves (56) and Rosemary West won the draw and the £5 book token.

(Completing the puzzle in the least number of moves was just a challenge, not a condition of winning.

By the way, don't throw away your November CD-ROM as there is another puzzle on it ready for March 2001 called ENIGMA3.

Some members had difficulty finding the puzzles on the CD because they were confused by the auto start-up. When you get the auto start-up window, get rid of it straight away and treat the CD as just another storage device. Use Windows Explorer (right click on Start and select Explore) to navigate to D:\ALLPUZ (assuming your CD-ROM drive is D:) where you will see directories of all the computer puzzles used since 1994 plus an index file named INDEX.TXT which describes each one. If you double click this file it will open up in Notepad (assuming the file type TXT is associated with Notepad). Use a monospaced font for better display of the table. (A monospaced font has an equal amount of horizontal space allocated for each character as used in old-fashioned typewriters. An example is Courier.)

To run any of the puzzle programs, select the appropriate directory (i.e. folder) and double-click the EXE or COM program that is there. (If your computer is set up to hide the file types, the descriptions of the programs are "MS-DOS Application" for COM programs and "Application" for EXE programs.) That will run the program from the CD-ROM and not consume any hard disk space. Alternatively, copy the appropriate directory to your hard disk and run the program from there -- either from a DOS prompt or double-clicking with the mouse on the program file. Running from the hard drive has the advantage that you can store result files on your hard disk for programs that provide this.

ADD99 is a program that can store your keystrokes and play them back automatically. They can also be permanently stored in files called KEYSTORE.n, where n is one of the decimal digits. They are accessed from the program with the keys S and L (press F1 for help on this and other matters). The current record for the smallest number of keystrokes, held by Clem Robertson, is 56. See if you can beat that. But to prove any result you have to be able to produce a KEYSTORE file.



Members, with our editor at Riverside Centre, discussing Microsoft Publisher 2000

MEMBERS NOTICE BOARD

**This Board is FREE to members
Please use it!**



Membership Renewal

Please note that this is the last opportunity to renew your membership for 2001.

This Hot Key newsletter will not be available to you, if you have not renewed your membership by the end of January, 2001.

CAR BOOT SALE

It is envisaged that IWPCUG will be arranging a car boot sale in the near future.

If you have any old computer parts or software that you are no longer using, please donate them to our forthcoming venture.

Contact:-
Dennis Linzmaier
(See page 3 for details)

FOR SALE

**Windows 95 & "How and Why" CD and Licence plus
'Windows 95 For Dummies Book'
£30**

Windows 95 CD & Licence - £5

Adaptec 1542CF ISA SCSI Card - £15

8Mb Compact Flash Card for Digital Camera - £20

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