



The Data Bus

Volume 32 Issue 3

www.DMA.org

May 2007

Association of PC User Groups (APCUG) Member

NEW Location
NEW Time
Parking is FREE
Directions & map
See ... page 4

April 24 General Meeting Topic **Open Source Software for Windows**

Isn't that an Oxymoron?

Nancy Christolear - Guest Speaker

An **oxymoron** (plural **oxymorons** or, more rarely, **oxymora**) (noun) is a figure of speech that combines two normally contradictory terms.

- Wikipedia

Steve Balmer Microsoft CEO, has gone out of his way to blast the Open Source community and the concept of Open Source. So it may come as a surprise to you that there are a lot of applications available for the Windows platform that are Open Source. What does this mean exactly.

Open Source Software (OSS) is software where the source code is released with the product and is available for you to modify if you feel it is necessary. Wikipedia describes OSS as:

"Open source software refers to any computer software whose source code is available under a license (or arrangement such as the public domain) that permits users to study, change, and improve the software, and to redistribute it in modified or unmodified form."

So why does this make Microsoft's Balmer nervous? Microsoft equates the source code for its products as intellectual property. No one can make changes to Microsoft code but Microsoft. This is how they have maintained control of the marketplace. Companies who want to create applications for Windows where they must see or modify the source code pay for the privilege. As a result, that cost is passed on to you the consumer.

Open Source software is very often distributed Free of Charge or at a significantly reduced price. You can experience the freedom of Open Source without leaving your familiar Window's platform. To quote Don Corbet (the Linux Guy) "Its just an Operating System." All an operating system does is make the hardware work.

We will show you a variety of High Quality OSS for the Windows platform, including the office suite from OpenOffice.org as well as GIMP (Gnu Image Manipulation Program), which rivals Adobe Photoshop. Copies of TheOpenCD will be available for give-

away or sale at a nominal price. We'll also talk about some new and exciting developments in OSS.

And here is the key, once you begin using OSS applications, switching operating systems becomes quite easy. You already know how 90% of what you want to do works, significantly reducing the learning curve. Which will give you a choice next time Microsoft decides to charge for an update to fix their Windows system.....

Nancy is an mathematics instructor at Sinclair Community College. She leads the Digital Photography SIG, is heavily involved with the Linux, Genealogy, and Gaming SIGs, and served as Chair for Computerfest 2005.

Nancy Christolear has been a fan of OSS since 1998. Originally introduced to the Linux operating system, Nancy found one of the easiest ways to get up and running was to use OpenOffice and its predecessor, Star Office. Nancy presented seminars on OSS for Windows at Computerfest in 2004 and 2005. Since then Nancy has also expanded her use of OSS into other areas as well.

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A=Trustee 3 yrs from 9/06 B=Trustee 3 yrs from 9/05 C=Trustee 3 yrs from 9/04

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DMA® MEETINGS

GUESTS ARE ALWAYS WELCOME

Meetings start at 7:00 p.m. Visit us on the web at www.dma.org or email to info@dma.org for information or directions.

Our monthly General Meeting consists of a brief opening, SIG and committee reports, announcements, and a 60-90 minute program by a guest speaker, followed by door prizes for members. After the meeting, the group adjourns to a local eating establishment to socialize.

In our search for a better meeting location, our next meeting will be held at the Huber Heights Athletic Foundation (HHAFF) Center. For last minute announcements always check www.dma.org

**ATTENTION:
 NEW LOCATION
 for the
 General Meetings
 SEE PAGE 4
 for instructions**

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The deadline for submitting material is the first Monday of the month of publication. Submit files to the editor, editor@dma.org, preferably as an email attachment in MS Word, Wordperfect, or .TXT (with line breaks). The editor reserves the right to edit for clarity, length & style, and to hold or reject any portions of submitted copy.

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**Best User Group Coverage
Large Newsletters
'98 & '99
InterGalactic Conferences
New York, NY**



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DMA® SIGs

DMA® sponsors numerous Special Interest Groups (SIGs) catering to the individual interests of its members. Want to start a new SIG? Contact a DMA® Officer or Trustee!

Amateur Radio SIG meets the 1st Tuesday of each month, 7:00 p.m. at 119 Valley Street. Contact Todd Collins: 937-299-9685 toddcc@woh.rr.com or Shawna Collins: sjcollins@woh.rr.com
www.dma.org/k8dma

Apple-Dayton SIG meets the 3rd Monday of each month, 7:00 p.m. at the Wayne Booster Center, 5367 Fishburg Road, Huber Heights. Contact Dan Forshaw: AppleDaytonSIG@dma.org
www.dma.org/appledaytonsig

Classic Computer SIG meets 1st and 3rd Saturday of each month, 3:00 p.m. at the Sugar Grove Church, 7875 Kessler Frederick Road, Tipp City, 45371. Contact Gary Ganger: 937-237-5021 gangerg@dma.org

Digital Photography SIG meets the 4th Thursday of each month, 7:00 p.m. at 119 Valley Street. Contact Nancy Christolear: 937-439-1735 njc@dma.org
www.dma.org/photosig

Gaming SIG meets the last Saturday of each month at 4:00 p.m. for a 24-hour LAN-party at 119 Valley Street. Contact David Neely: nherzhul@hotmail.com
www.DaytonLANfest.com

Genealogy/Family History SIG meets the 1st Thursday of each month at 7:00 p.m. at 119 Valley Street. Contact Jay Finley: jotaito@aol.com

Hands-On-SIG meets the 2nd Tuesday and 4th Wednesday of each month, 7:00 p.m. at 119 Valley Street. Contact Elliott Lake: 937-376-4581

Linux SIG meets the 3rd Thursday of each month, 7:00 p.m. in Wright State's Student Union. Contact Gary Turner: 937-313-2487, or Tony Snyder: 937-275-7913 or DLUG-contact@dma.org
www.dma.org/linuxsig

Perl Mongers meets the 2nd Wednesday of each month, 7:00 p.m. at 119 Valley Street. Contact Paul Ahlquist: pea@ahlquist.org <http://dayton.pm.org>

Software Development SIG is currently on hiatus until a new SIG leader can be found. Any DMA member would qualify. Contact any DMA Officer or Trustee for more details.

Pizza SIG is held immediately after every General Membership meeting with plenty of casual conversation, friendly debates, and of course, Pizza!

Come join us!

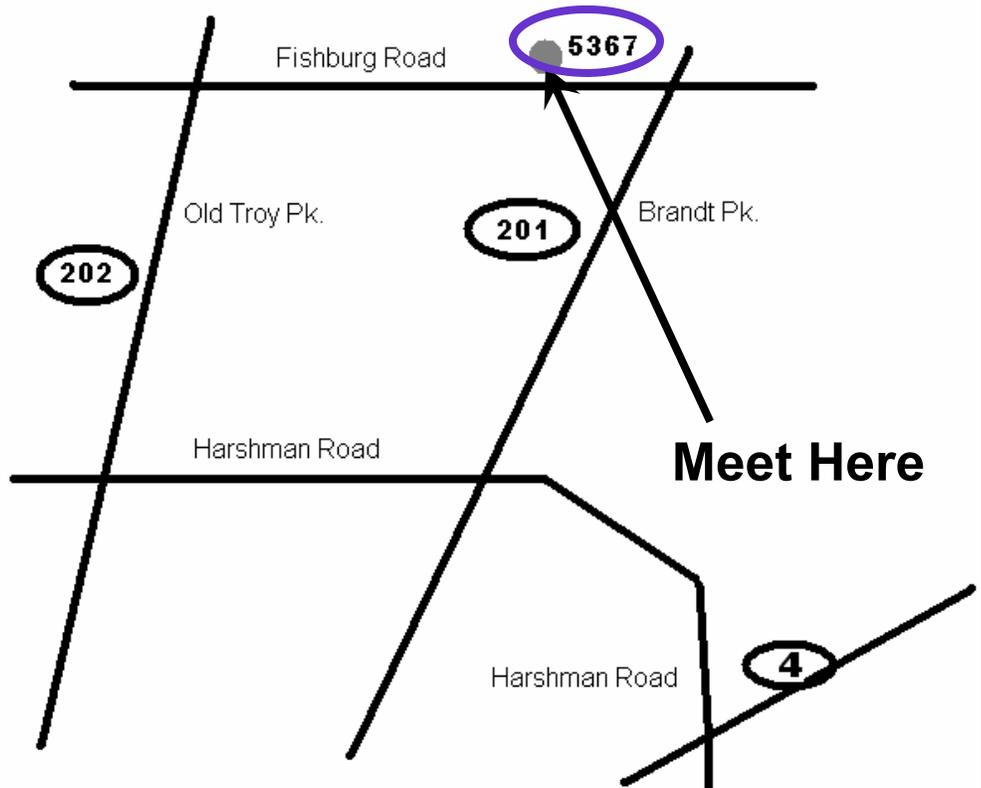
More SIG information is available online at www.dma.org/sigs.shtml.



New Place, New Time

Our general meeting is moving to the Huber Heights Athletic Foundation (<http://hhaf.tripod.com/>) for the month of April. The meeting hall is located about 6 miles from Downtown Dayton.

Directions: From Downtown Dayton take Route 4 to the Harshman Road Exit. Turn left (north) on Harshman to Brandt Pike (Rt. 201). Turn Right and follow Brandt Pike approximately 2 miles to Fishburg Road and turn left (west). The Huber Heights Athletic Foundation is located at 5367 Fishburg Road, about a quarter mile from the intersection of Fishburg and Brandt Pike.



**NEW
MEETING
TIME:

7:00 PM**

Parking is FREE!

Boardroom Banter



NEW TIME – NEW PLACE – WHY?

DMA Trustees have been struggling to provide adequate facilities for our monthly General Membership meetings. Both UD and WSU presented challenges. We have been searching for a location that is comfortable for our members, room enough for all attendees, offers free parking, equipped with audio, visual, and internet, and still affordable for the organization. The Huber Heights Athletic Foundation (HHAF) Center meets nearly all qualifications. This is the same location where Apple-Dayton meets.

April is our trial month.

Please come out and have a look at this facility. If feedback from our membership is positive, we will re-

serve the Warrior Room for the coming year.

Our General Membership meeting will begin at 7:00 p.m. Afterward, we will convene the after-meeting meeting at CiCi's Pizza at the corner of Troy Pike and Taylorsville in Huber Heights.

The HHAF Center and CiCi's are easy to find. See the map and directions on page 4 or at www.dma.org.

Remember to bring a friend!

PRIME REAL ESTATE

Have a few thousand stashed away? Itching to get into the real estate business? Looking to turn a fixer-upper into an income-

producing asset? Read on:

For roughly 10 years, DMA has been renting space at 119 Valley Street from the Old North Dayton Development Corporation (ONDDC). That organization fell on hard times and ceased operations at the end of last year. Our building is currently for sale.

DMA rents one storefront and the adjacent storefront is currently occupied. The four apartments above us could be rented, but are currently empty.

The property is listed by Greg Wright of Remax gregwright@remax.net with MLS number 322719. Details are also available at www.mcrealestate.org.

Join a DMA Mailing List

DMA has many benefits available for its members. One of the least publicized is our Mailman Mailing List. Most of our SIGs have a corresponding Mailing list but there are others that are stand alone.

Amateur-SIG (<http://www.dma.org/mailman/listinfo/amateur-sig>), Dayton Microcomputer Association's Amateur Radio / Computer SIG

Apple-Dayton (<http://www.dma.org/mailman/listinfo/apple-dayton>), Apple-Dayton Users Group

DLF-Announce (<http://www.dma.org/mailman/listinfo/df-announce>), for announcements concerning Dayton LANfest.

DMA-Announce (<http://www.dma.org/mailman/listinfo/dma-announce>), for general club announcements.

Genealogy-SIG (<http://www.dma.org/mailman/listinfo/genealogy-sig>), Dayton Microcomputer Association's Genealogy SIG.

Hands-on-SIG (<http://www.dma.org/mailman/listinfo/hands-on-sig>), Dayton Microcomputer Association's Hands-On SIG.

Linux-SIG (<http://www.dma.org/mailman/listinfo/linux-sig>), Dayton Microcomputer Association's Linux SIG - Dayton Linux Users Group.

Linux-SIG-Planning (<http://www.dma.org/mailman/listinfo/linux-sig-planning>), Dayton Microcomputer Association's Linux SIG Planning Committee .

OTAPteam (<http://www.dma.org/mailman/listinfo/otapteam>), Ohio Technology Access Project (OTAP) .

Photo-SIG (<http://www.dma.org/mailman/listinfo/photo-sig>), DMA(R) Digital Photography SIG.

Web-Development (<http://www.dma.org/mailman/listinfo/web-development>), Web Site Development Discussions

Forums, Too

FUD Forum (<http://www.dma.org/fud/>) for general DMA discussions.

Dayton LANfest (<http://www.daytonlanfest.com>) the site for the Dayton LANfest planning as well as the activities of the Gaming SIG.

Club Purpose and Membership

The Dayton Microcomputer Assn., Inc. (DMA®) is an Ohio non-profit organization dedicated to the education of, and providing information to, microcomputer users and the general public. DMA® members use and own a wide variety of computers and possess various levels of computer experience.

Annual dues are \$25 for regular members, which includes a subscription to *The DataBus* newsletter, and \$12.50 for associate members living at the same address. Associate memberships must run concurrently with a regular membership. A membership application is located on page 23, or can also be downloaded from our web site at: <http://www.dma.org/dma-app.shtml>

OTAP Bridging the GAP

Ohio Technology Access Project is a rather long name for a very worthy cause. OTAP is part of DMA's effort to "bridge the digital divide". We are one of only a few Microsoft Authorized Refurbishers in Ohio. We operate under DMA's 501c(3) non-profit designation. This is a group of devoted volunteers who generously give of their time and talents to rework old hardware into usable PCs. The work is sometimes challenging but always rewarding.

Bridging – Our mission is to place computers and internet access into the hands of those with the most need and the least opportunity. We place computer systems with schools, churches, charities, individuals, and families. Most of our clients are disabled or financially disadvantaged. Each tells us how a computer system would improve their education, opportunities, even quality of life.

Refurbishing – Many of the computer systems we work with are donated by individuals, some are from organizations or companies. They come in all speeds, shapes, and sizes. The equipment is evaluated and tested for functionality. Repairs and modifications are made if necessary so that the system matches our standards.

Recycling – We are able to reclaim and reuse many of the computer parts. Hardware that is below speed or not repairable is disassembled and the pieces are sorted and recycled. We work hard to avoid adding any materials to local landfills.

Donating – For individual donors, OTAP offers a second life for that slightly outdated system that is taking up valuable space on your desk or dining room table. We handle each system with care and find it a good home. For corporations, we

ease the upgrade process, help avoid landfill costs, and provide a great opportunity to contribute to the community.

Training – The best kept secret of OTAP is the training. For those who are computer-phobic, we provide easy procedures and plenty of assistance while you learn to take apart and rebuild computers. Students working towards certification can get that valuable hands-on experience. Volunteering at OTAP is always an opportunity to stay current, upgrade your skills, or debate some obscure compatibility issue.

OTAP is open on Saturdays from 10:00 until 2:00. Anyone is welcome to stop by and have a look at the process. You can reach us by phone at (937) 222-2755 or on the web at www.otap.org.

CLEARANCE! MAKE AN OFFER!

OTAP has surplus items in good working condition available to the members of DMA. For more information, visit OTAP, or call 222-2755.



www.ell-computers.com

- Cables
- Monitors
- CD-ROM drives
- Keyboards & Mice
- Travan Tape Drives
- Zip Drives
- NIC's
- SCSI Cards and cables
- Scanners
- Printers
- Servers
- Systems
- Laptops

Hours of Operation

Tues-Wed-Thurs 9am-5pm
Friday by appointment only
Saturday 9am-5pm
Closed Sunday & Monday

Fare Thee Well, Warrick Mann

Nancy Christolear, DLF Registration

Dayton LANfest and the DMA Gaming SIG bid a fond farewell to a legendary member. Warrick "Woz" Mann is returning to his native Australia on April 12th.

Woz began his experience with Dayton LANfest with the very first DLF-I. Recruited by Randy Young, Woz ran a gaming group at Wright State University called RageLAN. No, Rage is not a comment on his temperament, RAGE stands for Raider Association for Gaming Entertainment. Woz was instrumental in setting up the original DLF website using phpBB. He even gave a presentation at the Linux SIG on the topic.

Why is an Australian at Wright State University? Why, to get an education of course. Woz completed his graduate work in human physiology at Wright State, married a local girl and moved to Virginia as the diving coach at James Madison University. After a few years he returned to the area and are we glad he did.

Woz immediately stepped up to Dayton LANfest again and took over managing the game servers. It was his efforts that saved the day at DLF-VI and DLF-VII. So it is with a heavy heart that we bid him farewell.

Woz will continue working in the computer field while attending university in Melbourne to get his degree in Computer Science. With the internet being what it is, we fully expect to meet Woz on-line for a few games even though he will be on the other side of the world.

G'Day Mate!



Microsoft Tech Day

Microsoft will be back in town for the latest of its Tech Events at the Beaver-creek Regal 20 Theaters on June 5, 2007.

Join the many DMA members who regularly come out for these events.

Our support is important if we want Microsoft to continue to come to our area. Signup for the various sessions at www.microsoft.com/events/inperson/default.aspx.

I Know This is in There. . .

By Altair Ego

Hidden Settings

Crash Control

Crash Frequency: Rarely Often

- Types of Crashes Allowed
- Program
 - Operating System
 - Change Formatting
 - Do not respond to system to drive user insane

Annoyances

Pop up that paper clip: When I least expect it Constantly

- Expand file size exponentially with each save
- Allow changes to be made while AutoRecovery saves
- Take to save data
- Apply the same stupid attributes every time something is pasted

OK

Cancel

Restore Factory Settings

VISTA ALTERNATIVES

By by Brian K. Lewis, Ph.D.*
Sarasota Personal Computer Users Group, Inc.

The consumer version of Windows Vista is scheduled to be available on January 30th. Some of you may be looking forward to purchasing and installing this new operating system. After working on the Vista beta and checking out the upgrade costs, both software & hardware, I have been looking at alternative operating systems. Most of these are based on the Linux kernel. For example I have been using Linspire, formerly Lindows, for several years. Although it did sell for \$49.95 and a year's subscription to the Click and Run warehouse raised the cost to \$99.00, that has changed. The CnR subscription is now Free. There is also a free version of Linspire called Freespire that can be downloaded from the Linspire website (www.linspire.com). I plan on doing a full review of Linspire and the CnR warehouse later in the year. For now, if you want more information, check out their website.

The alternative operating systems (OS) I am looking at this month are the Ubuntu (u-boon-to) and Kubuntu (ku-boon-to) software packages. They are both downloadable from www.ubuntu.com or www.kubuntu.org. The downloads include a number of software packages so you can immediately start being productive. In order to try out the system you can download a "live CD" version. This is one that boots and runs directly from the CD. Running this CD version allows you to check out the OS and how it interacts with your hardware and peripherals such as printer, scanner, camera, etc. If you decide you want to install the OS on your hard disk, the CD comes with an install package that you can access from the desktop.

Now let's get to the details. I downloaded both Ubuntu and Kubuntu for to try them out on a desktop as well as a laptop with a wireless setup. The reason for trying both is that they use a different graphic interface. Ubuntu uses a Gnome desktop which has similarities to the Apple Mac desktop and Kubuntu uses KDE which is closer to the Windows desktop. Other than that, there is very little difference in these two operating systems. So most of my time has been spent with Ubuntu.

The downloaded file is an ISO file. That is a compressed file containing all the components of the OS and any other included software. After you download this file you

have to burn it to a CD. Now you can't just burn the ISO file as one file. You need to use burning software that specifically has a selection for burning an ISO file to a CD. That will open the ISO file and burn the individual components, including the boot files, to your CD. O.K., hope that's clear.

Now that you have a bootable CD put it in your computer and restart it. Most recent computers will have no problem booting from a CD. However, if you end up back in Windows, you need to enter your BIOS and change the boot device sequence so that booting from a CD comes before booting from a hard disk. Can I tell you how to get to the BIOS in your computer? Yes and No. When your computer first starts there may be a message on the screen telling you which key to press to get to "Setup". If that message doesn't appear, try the DEL key. If that doesn't work, check the information in your owner's manual. It seems these days that each manufacturer has their own method for entering the Setup or BIOS program of the computer.

Running either Ubuntu or Kubuntu from a CD is not as fast as using a hard drive. That is to be expected. But, I found the desktop of each of these to be simplicity in itself. Considering that neither of these applications retain any information on your system after you shut down, the install is simple. Using Ubuntu as the example, a menu appears with several selections, the first being run Ubuntu. You can either press enter or do nothing and when the timer runs to zero, the process begins. You get a very colorful Ubuntu logo with a progress bar. After about 30-45 seconds you get a color background and then another Ubuntu bar. Finally, the desktop appears. There is no start bar at the bottom. There is a menu bar across the top with "Applications", "Places", "System", a Firefox icon, a mail system envelope and a question mark in a circle. On the far right is the date and time along with an icon for shutting down the system.

OK, we have the system running from the CD, now what can we do with it? Clicking on Applications drops down an alphabetical list of the software that was included on the CD. The first item is accessories, which we can ignore except for the calculator. That can come in handy. The next item on the list is games. There are 16 games in the list including various ver-

sions of solitaire, mahjongg, mines, etc. Next comes graphics with a photo manager, image editor, image view and image scanner. This last is software for use with supported scanners. Next item on the applications list is Internet. This has software for a VOIP phone that can be used with a free SIP phone account like the Gizmo Project. There is also e-mail software, Firefox browser, Internet Messenger, and a terminal server client. Next comes the Office category. This has a complete set of the Open Office suite in the latest version plus Evolution. Evolution is a personal information manager (PIM) and e-mail management application. The last item on the list is Sound & Video. The software in this category includes a movie player, music player, CD burner, sound extractor and sound recorder.

Although this software package doesn't include everything you might need, it is a great start considering that it is included on the basic installation CD. Also, it is all FREE with no catches or hidden advertising. You can also easily obtain more software. The very last item on the applications menu is Add/Remove Applications. Clicking on this brings up a window which has a list of categories on the left and applications in the right-hand window. Applications that are already installed have a check mark. You can add applications by clicking on the box by the application name, an short description appears in the window below the list, and then clicking on OK. The application will be automatically downloaded and installed. All of the software in this list is free. There is more software available through the Ubuntu web site and other Debian software sites. Instructions for obtaining software from these sites can be found in the Ubuntu documentation located at: www.help.ubuntu.com.

Now we can click on Places which is a selection on the top level menu of the desktop. The items on this drop-down menu are: Home folder, Desktop, Computer, CD/DVD creator, Network servers, Connect to server, search for files, and recent files. The first one I tried was Network servers. This brought up a window which contained an icon for Windows Network, I clicked on this and it brought up my home network and lead me to my Windows computer. It had folder icons for all the shared folders on this computer.

VISTA ALTERNATIVES (cont.)

So, I decided to see if I could really read/write from Ubuntu to Windows. Opening a document folder I was able to read an OpenOffice document prepared in Windows in the OpenOffice included with Ubuntu. Any changes I made to the document were saved on the Windows computer, not the computer that was running Ubuntu. That's primarily because I was still running Ubuntu from the CD. I also opened some of my photo folders and clicked on some JPEG files. These opened up in the gThumb image viewer that was included with Ubuntu. As I continued working with the CD it was obvious that I would have no problems swapping files between the Windows system and Ubuntu.

Running Firefox from the CD was no different than running it on my Windows computer. Ubuntu had identified my Internet connection and we were up and running as soon as I clicked on the Firefox icon.

I did run into a significant problem with Ubuntu. My printers are connected to my Windows computer and are shared on my network. So far I haven't figured out just how to access them from the Ubuntu computer. There are two problems: first the network location and second specific drivers for my printers. My laser does seem to have a

driver available once I can get the system to talk to it. However, my photo printer doesn't have a driver and Canon apparently doesn't supply Linux drivers for its printers. That's too bad, because it is a great printer. There is an answer to this, I just haven't gotten around to doing it. There is a web site that has free printer drivers available and I need to check there for Canon drivers. There is also a commercial software package that does support my printers at a price of about \$40.00. They also have a free trial for this software so you can be sure I will check it out once I figure out the network problem.

I also tried the Kubuntu live CD and found it very similar to the Ubuntu. The main difference is in the appearance of the desktop. I also found information on the Ubuntu/Kubuntu web sites indicating that you can install Ubuntu to your hard drive and then install the Kubuntu so you can switch easily between the desktop styles. As I mentioned earlier, for Windows users, Kubuntu would be a more familiar desktop.

After playing with the CD versions for a while I decided to install Ubuntu to the hard drive of my test computer. This computer already had Vista Beta installed using the entire hard disk. I was prepared to wipe out

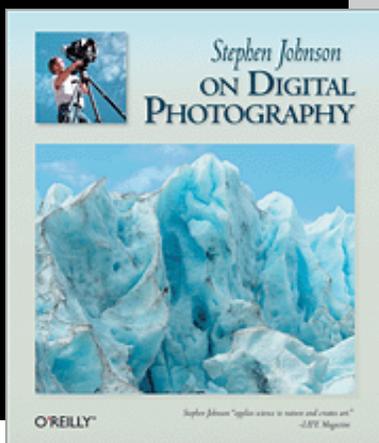
the Vista installation if necessary. Anyway, I clicked on the install icon on the Ubuntu desktop. It gave me a message that it was checking my hardware. Next it came up with a window with several choices. One choice was to repartition the drive using the available free space to install Ubuntu, or another choice was to reformat the entire drive. I selected the choice to use only the available free space for Ubuntu. Then without any further input from me, it partitioned the drive and reformatted the free space, then it installed Ubuntu. At the end, it suggested that the system needed to be restarted, which I did. Quite frankly, it was easier than installing either Windows XP or Windows Vista.

OK, so far, with the exception of printing, Ubuntu is working very well. Not bad for a totally free software application. Next month, I will continue the Ubuntu story and relate my experiences with a wireless laptop and the network printers.

**Dr. Lewis is a former university & medical school professor. He has been working with personal computers for more than thirty years. He can be reached via e-mail at bwsail@yahoo.com.*

Book Review

by Leo Parts,
Digital Photography SIG Member



Title: Stephen Johnson on Digital Photography.
Author: Stephen Johnson.
Publisher: O'Reilly.
ISBN: 0-596-52370-X.
Price: \$39.99.

The author of this book has been a recognized master photographer and teacher of photography since 1977. He became interested in digital photography at the infancy of this new technology, recognizing its potential for yielding excellent photographic images. Stephen Johnson stopped using film in 1994.

In the beginning of this book, he is presenting the history of digital photography. The aspect of the new image-making process that he has found very appealing and useful is the control of the dynamic range of images that it offers.

Stephen Johnson has described in his book digital cameras and scanners, and their operational features. He has explained very well the processes involved in color reproduction. The discussion pertaining to the control of the digital image quali-

ties includes: adjusting of tone and contrast, histograms, adjustment layers, Photoshop curves, enlarging and interpolation, black-and-white from color images, and Raw files. This information has been presented in explanatory and not in prescription style.

The author concludes in the final chapter that "we are in Stone Age of digital photography." He lists a number of specific improvements that need to be addressed. The main objective for the future, as he sees it, will be the attainment of greater realism in digitally photographed images.

"Stephen Johnson on Digital Photography" is an excellent general source of information on this recently developed, evolving new technology.

The Deals Guy

by Bob "The Cheapskate" Click
Greater Orlando Computer User Group



*A Great Trade Show

We recently worked the National Association of Builders show and it was very large with over four million pounds of freight just to build the booths, and 105,000 attendees. Six large two-story modular homes were assembled in the parking lot for display, one worth over a million dollars, and many booths in the exhibit hall had a second floor. However, something very impressive to me was the Kohler booth. There was a stage for their selling activities and the background for it was a waterfall about 20 feet high and the same wide, but like no other waterfall you have ever seen. Yes, the water was tumbling down in variations, but it did other things. All of a sudden the water would stop its normal waterfall display, and the individual letters for KOHLER would drop formed with water, one at a time, then the entire name would fall, followed by other messages, all spelled out with well formed letters made with falling water. Many other patterns were also formed by the falling water. I watched it for about ten minutes and it never repeated the entire same pattern of messages during that time. It was a highlight of the show and I'm sure that display cost Kohler many bucks. I wish I had asked to see the control room.

*Feedback!

Thanks for the comments that I received on the side effects of medication. Not many responded, but the comments were interesting and so far, the respondents agreed with me, but I would also be interested in other opinions. Perhaps I should start a blog about all this.

*A Little Fun In The Sun

My wife and I decided to introduce our son and his wife to cruising during their stay at our beach condo, and while we did not want to take another Carnival cruise

after our last experience, the spring break season gave no opportunity for deals. We finally settled on a Carnival 4 night cruise to Cozumel only because Carnival offered us the best price. We felt that since our son and his wife have never cruised they wouldn't know a good one from a bad one, but we ended up being pleasantly surprised at how good the Inspiration (Carnival's ship) turned out to be. The food was excellent, the shows were fantastic, and all in all, it was a great trip. As expected, it was a much younger crowd, including a lot of spring breakers, but we tried to stay clear of them the best we could, and had a good time. Shopping was fun in Cozumel. That ship did things much better than the Carnival Miracle we previously cruised on. Since the Inspiration was an older ship, there were a few things that needed improvement, but it will be going into dry-dock in September for some refurbishing and hopefully they will improve some of them. However, the shortcomings were nothing serious.

**Here is an announcement, but remember I have not tried this or any of the others, and since I have edited to shorten them, be sure to check it out thoroughly on their Web site.*

*Remote Desktop Monitoring is Here, But Think of it as a Spy!

You can monitor the activity of all the PCs in your classroom remotely. Plus, you can share your screen with your students' PCs, making demos and presentations much easier. Classroom Spy Professional from EduIQ.com <<http://www.EduIQ.com>> enables remote interaction between the user on the administrator's computer and users of individual computers, even over LAN, WLAN, VPN and the Internet. Once installed and configured, the program lets you see what's taking place on the screens of remote machines and, if needed, take full control over the mouse and keyboard of any machine. There is also an ability to show your own screen to

remote users and execute some administrative operations. The program encrypts screen data as well as mouse and keyboard input.

Because the program can run as a service on Vista, the login page and User Account Control (UAC) prompt are accessible. There is a live picture of the remote computer screens. Due to some optimization, the live screen doesn't use a high bandwidth, but even when the lower network bandwidth is required, the refresh interval can be extended using one mouse click. The activities of any student can be recorded for further analysis and assessment. The teacher can use the existing computer infrastructure to deliver a presentation directly to the screens of remote users.

It's also possible to execute various administrative commands, for example, log off users, turn off, restart, hibernate, or suspend one or all remote computers at once with a single mouse click. There is also an ability to schedule recording of remote computers desktops, and record remote activities, even when there is nobody monitoring the administrator's computer. The capabilities of Classroom Spy Professional can effectively be used not only in a classroom but also in offices.

Classroom Spy Professional 2.4.2 runs under Windows 98, Me, NT4, 2000, XP, 2003 and Vista, and costs \$49.95 (US) for a three-computer license. User Group members are offered a 15% discount at <<http://www.ClassroomSpy.com>> using the coupon code PRUG788243. For other types of licenses, please refer to <http://www.ClassroomSpy.com/classroomspy_pro.htm>. Licensed customers are entitled to free technical support by e-mail. Additional information on the product, as well as a free 30-day evaluation copy is available from the Web site.

Attend a SIG meeting this month!

The Deals Guy (cont.)

Direct download link: <<http://www.ClassroomSpy.com/dwn/classroomspypro.exe>> (3.6 Mb)

*A Bonanza of Goodies

Paul Witheridge from the Sarnia Computer Users Group in Sarnia, Ontario, sent me some items that my readers might be interested in. I'll list them, but be aware that some may already be expired by the looks of the coupon codes. I'm sorry that I didn't have room last month. I'm making them short so I can fit them all in. It's always good to have a friend with a sharp eye.

Acrobat is an expensive product and now they have their product activation which many resent. Here is a deal on another PDF product. How about a \$20 discount on Nuance PDF Converter Professional 4! Coupon code PDF\$20OFF; <<http://snipurl.com/1gdjz>>

DealsGuy note: I read a negative review of PDF Converter in the December issue of SouthEastern Michigan Computer Organization's DATA BUS. <<http://www.semco.org>>

10% off any purchase at the CA store. Coupon code DecAFFOFF10; <<http://snipurl.com/1gdk3>>

\$10 discount on CA Internet Security Suite 2007. Coupon code DecAFF10ISS; <<http://www.digitalriver.com/affiliate/areview/ca/lp/iss.html>>

\$10 discount on CA Anti-Spam 2007. Coupon code AFFAS07; <<http://www.digitalriver.com/affiliate/areview/ca/lp/anti-spam.html>>

\$20 discount on CA PC MacLAN. Coupon code AFFML07; <<http://go.lockergnome.com/649>>. <http://shop.ca.com/file_sharing/pc_mac_network.aspx>

\$10 discount on CA Personal Firewall 2007. Coupon code AFFFW2007; <<http://www.digitalriver.com/affiliate/areview/ca/lp/firewall.html>>

\$10 discount on Allume Anonymous Surfing Platinum. Coupon code 285678; <<http://snipurl.com/1gdk7>>

\$5 discount on Allume Bass Screen Saver. Coupon code 266358; <<http://snipurl.com/1gdkb>>

\$10 discount on Allume Morpheus Photo Animation Suite; <<http://snipurl.com/1gdke>>

20% off Laughingbird Web Graphics Creator. Coupon code Holiday20%off; <<http://www.webgraphicscreator.com/>>

20% off Laughingbird Logo Creator. Coupon code Holiday20%off; <http://www.thelogocreator.com/Corporate_logos.htm>

10% off Roxio Easy Media Creator 9 Suite. Coupon code SAVE10C9; <<http://www.roxio.com/enu/products/creator/suite/overview.html>>

\$10 discount Roxio Popcorn 2 (DVD copier). Coupon code P2SAVE10; <<http://go.lockergnome.com/657>>. <<http://www.roxio.com/enu/products/popcorn/standard/overview.html>>

20% off ACDsee 9. Coupon code AF-FACD9; <<http://www.acdsee.com/products/acdsee/index>>

20% off ACDsee Photo Editor. Coupon code AFFPHOTO; <<http://www.acdsee.com/products/photoeditor/index>>

25% off ACDSee Pro Photo Manager. Coupon code AFFPRO25; <<http://www.acdoffers.com/en/na/acdsee/index.htm>>

\$400 discount TurboCAD Deluxe v12.2 Upgrade; <<http://www.turbocad.com/prodinfo.asp?t=1&mcid=382>> (DealsGuy note: There is a problem with the stated discount, which doesn't make sense, so you should check on where the mistake is.)

20% off Net Nanny products. Coupon code 270355; <<http://www.netnanny.com/>>

\$5 savings on Big Hammer Patio Designer; <<http://www.bighammersoftware.com/affiliates/patio.aspx>>

\$5 savings on Big Hammer Deck Designer; <<http://www.bighammersoftware.com/affiliates/deck.aspx>>

\$10 savings on Big Hammer Garage and Shed Designer bundle; <http://www.bighammersoftware.com/affiliates/garage_shed_bundle.aspx>

10% off on Rising Antivirus. Coupon code ONDISCOUNT10; <<http://go.lockergnome.com/666>>. <<http://www.rising-global.com/CategoryDetail.aspx?MenuId=1&CategoryId=3>>

10% off on Markzware (Tools for Printing). Coupon code PILOT10; <http://www.markzware.com/store_usa/>

20% off RadarSync System Checkup. Coupon code RadarSync2in1-11; <<http://go.lockergnome.com/668>>. <<http://www.radarsync.com/>>

That's it for this month. I'll soon have some new product announcements on my Web site. Meet me here again next month if your editor permits.

This column is written to make user group members aware of special offers or freebies I have found or arranged, and my comments should not be interpreted to encourage, or discourage, the purchase of any products, no matter how enthused I might sound.

Bob (The Cheapskate) Click <bobclick@mindspring.com>. Visit my Web site at <<http://www.dealsguy.com>>



VISTA Vexes

Jan Fagerholm, Assistant Editor,
PC Community, Hayward, California

By the time you read this, Vista will be retail. While the final version was released mid-November last year, it's not scheduled to show up as a boxed retail product until January 31st. Vista has many new features, and not just the interface (GUI). Microsoft's new restrictions on kernel access creates problems for many applications. While this was done to reduce security vulnerabilities, it produces incompatibilities in many common applications. Here's a few I've had trouble with:

- * McAfee Internet Security Suite
- * McAfee VirusScan Enterprise
- * Norton Internet Security Suite
- * Symantec AntiVirus Enterprise
- * Cyberlink PowerDVD 7
- * ABBYY FineReader 8.0
- * Microsoft Visual Studio 2005
- * Google Earth (any version)
- * Partition Magic 8
- * PerfectDisk 8
- * Roxio Easy Media Creator Suite 9

And many more lesser known programs. Anything that uses kernel space is going to have a problem. McAfee has been particularly vociferous about Windows insecurity and is having a semi-public fight with Microsoft right now to try and get information from Microsoft about kernel space in Vista, which Microsoft is reluctant to release for security reasons. Both Symantec and McAfee have beta versions of potential Vista-compatible products available. You decide if you want to trust your antivirus protection to a beta. . .

There are alternatives, though. Several smaller companies in that market have released Vista compatible versions of their products. I've had success with AVG and Avast! on Vista, and am using these. Windows Defender works OK for anti-spyware and anti-phishing, though the default notification settings are intrusive, and it requires too much micro management to get the in-your-face warnings down to a reasonable level. The excellent Ad-Aware SE Pro work fine on Vista, and I'm presently using that.

Many of the applications I've had trouble with are utilities: backup programs, disk partitioners, and the like. This is to be expected, as utilities generally run much closer to the metal, so to speak, and are more sensitive to the architectural changes in Vista. I'm looking for updates or replacements for about a dozen utilities I use for system-level maintenance and recovery. Anything that is written to a particular version of the Microsoft Foundation Class (MFC) seems to have a problem. If you've ever had anything that complains about MFC422.DLL, you know what I'm referring to.

Vista uses DirectX 9 to get the Aero interface, so any application that uses DirectX will turn off Aero with a brief black screen then revert to the Windows Vista Basic theme (no transparency) before continuing. When you quit the application, it goes black screen again, then restores the Aero interface. This might not be so objectionable, if it were only games that did this, but virtually every video player (including Windows

Media Player 11) does this with codecs that use DirectX to display video.

Even some non-multimedia applications do this. I like to have Visual Thesaurus 3.0 running while I'm writing. It uses DirectX to produce a graphical display of word relationships, so of course it shuts off Aero while it's running. This demonstrates what continues to be a flaw in the Windows architecture; it is still not multithreaded, so there are many resources it cannot share.

This all sounds doom and gloom, but at least there are some nice enhancements to compensate. I'm particularly fond of the new taskbar clock, which has the ability to show three time zones simultaneously. Bring up the taskbar clock and click on the "Change date and times settings" link. There is a "Additional Clocks" tab, where you may choose one or two additional clocks and set the desired time zones. Then, when you display the clock, it will show the system time and the additional time zones that you specified. The Tool Tip also displays the additional times when you move the mouse cursor over the clock. (See below.) Also, the taskbar clock come up with a single click now, as it does in Linux.

Vista is still a bit raw. Looking at vendors Web sites, they are not rushing into Vista versions of their software, particularly device drivers for hardware. Vista will be pain along with gain for the next few months.

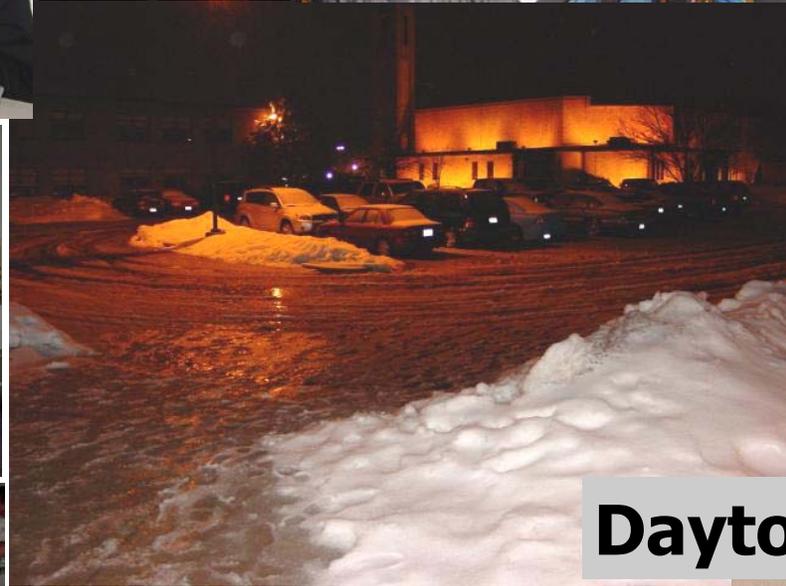


DMA

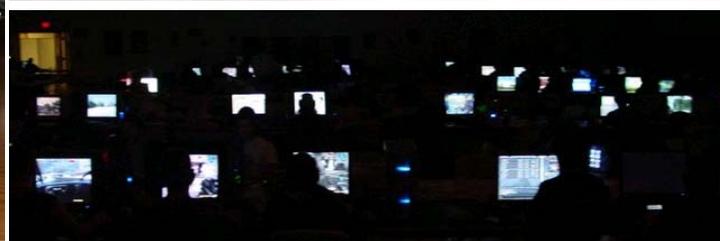
**Volunteer
Of the Month**

David Neely was selected as Volunteer of the Month for May. David has chaired the last two Dayton LANfests and serves DMA as SIG leader for the Gaming SIG. It was in this position that David and two SIG members, Warrick Mann and David Peoples presented an outstanding program on Gaming last month.

Thank you for all your efforts!



DaytonLANfest



Hardware Review: VIA C7

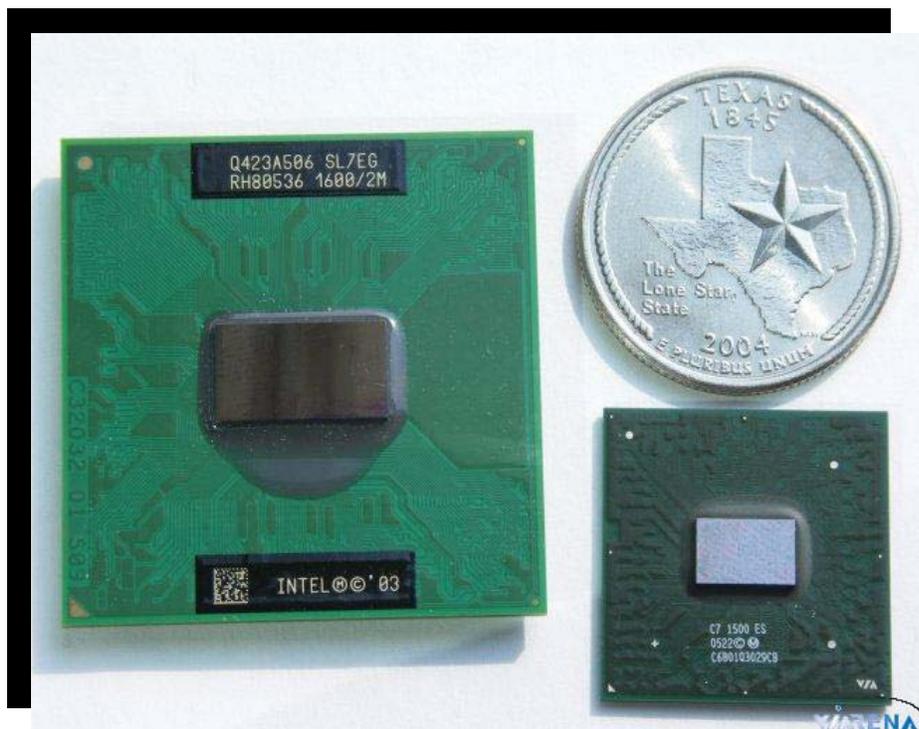
By Dan Woodard
DMA® member



At the tender age of 9, Dan got his start enjoying computer games on his TI-99/4a home computer, and he's been at it ever since. He graduated in 1996 with a B.S. in Environmental Studies. Dan has been a DMA® member since 1993 and enjoys playing Othello, other strategy and role playing games, backpacking, fishing and gardening. He also dabbles in computer repair and upgrades. Dan is a regular contributor in the pages of The DataBus although he has been on hiatus for a year. He can be reached by emailing him at dgw@dmaphub.dma.org.

Although I subscribe to Maximum PC magazine to see what changes are coming in the computer scene, I have often joked that I should really be subscribing to something like "Minimum PC", since I'm not into over-clocking, and usually pay about the same for my entire system as folks do just for the processors featured in Maximum PC. I've always been more interested in the tried and true, in making things smaller and more efficient, than in pushing things to the edge. I've also been very interested watching as motherboard manufacturers integrated more and more items onto the motherboard, starting with sound cards, then network cards, and even onboard video. Thus, I was very excited when I came across a motherboard a few weeks ago that not only had these, but also had an integrated processor, the VIA C7, onboard, for as little as \$60. (I paid more than that for my last video card!) My interest led to an interview with Scott Phipps, VIA's head of their Clean Computing Initiative.

The VIA C7 CPU's ancestry can be traced back to a company called Cyrix, which made 486 and Pentium equivalent processors back in the mid 1990's. When the company was bought out and (some say due to mismanagement) fell on hard times, it was snapped up by VIA, a chipset manufacturer. At about the same time, VIA also acquired technology from IDT, makers of the WinChip processor. VIA released a CPU called the VIA Cyrix III based mostly on the Cyrix



technology. Eventually, they released the renamed VIA C3 processor, and later the VIA C3 Eden CPU that integrated some of the IDT capabilities. This resulted in a sub 1 GHz processor that did not even need a fan because it ran so efficiently. Today, the VIA C7, available at up to 2 GHz speeds, using less than 20 Watts of power, represents the latest in their line of ultra efficient processors. The VIA C7 measures only about 8/10 of an inch across, compared to nearly 2" for a Duron CPU. This means that the C7 die has about an 80% reduction in surface area compared to an AMD Duron.

AMD and Intel seem focused on clock speed. Why not VIA? Mr. Phipps told me that there are two reasons: digital divide issues, and environmental sustainability. For example, there are many places in the world where availability of power and power usage are of paramount importance, and having something that is "the latest and greatest" is not important at all. The last project Mr. Phipps returned from was in the South Pacific, and he said he was able to run the entire center off of just 2 175 Watt solar panels. He says that if he had used "normal" computers, it would have taken twice as many solar panels to run the installa-

tion. This would not only have doubled the cost of the expensive solar panels, it would also have become a very expensive proposition shipping those extra panels to the remote location. Scott also says he likens one of the common power hungry PC's to a Humvee, and says that not everyone NEEDS a Hummer.

Power savings is touted as one of the main benefits to using a system based on the C7 processor. The C7 uses about 20 to 25% the power that most modern processors use. Mr. Phipps also uses something called a "Treemark" to compare processors. This Treemark shows how many trees you would have to plant in order to offset the carbon dioxide spewed into the



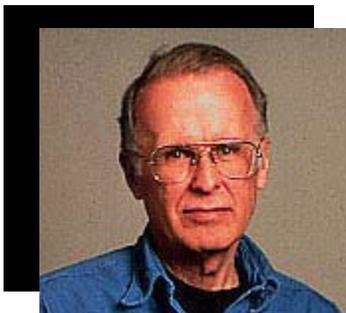
atmosphere due to a processor's power usage. (coal burned to generate electricity, for example) For a C7 processor, you would have to plant 4 typical broadleaf trees to offset the CO2 emissions. However, for an Intel Pen-

tium D, you would have to plant 31 of these trees, and for an AMD Athlon 64, you would have to plant 21 trees. This is an aspect of power usage that is often overlooked in places like the United States, where power is relatively cheap and available.

Scott was quite frank in detailing some uses for which the C7 processor is not well suited. Hardcore gaming was one example, though it should work quite well for casual gaming. He also mentioned "elite" video editing or music production type tasks.

(to be continued next month in part II, with detailed benchmarks and review of an actual VIA C7 CPU)

John Warner Backus (Dec 3, 1924—March 17, 2007)



The Databus marks the passing of John Warner Backus. John Backus was a pioneer in the field of computing. He led the team that invented the first widely used high-level programming language (FORTRAN) and was the inventor of the Backus-Naur form (BNF), the almost universally used notation to define formal language syntax. He also did research in function-level programming and helped to popularize it.

About to Expire Memberships

If you have recently paid your dues, thank you very much. Your name may still appear here because of the time it takes to publish our newsletter.

Expires in March 2007

Boyer, Francis H.
Campion, Gladys
Chiang, Derek
Cottrell, Thomas E.
Cunningham, Richard
Doran, Norton
Duvall, Thomas Edward
Eggers, Robert O.
Ewing, Carol
Farber-King, Lisa
Hawes, Richard L.
Horine, Dan
Mier III, Millard
Moreo, Earl H.
Mullins, Gary L.
Nickels, Bradford G.
Richison, Sarah
Roberts, Jim
Roe, James W.
Rollert, Wynn
Ruggles, Rick
Schwartz, Ronald
Sproat, Glenn L.
Stein, Steve
Sturwold, Michael

Taylor Jr., Edward M.
Thomas, David B.
Tilford, Kenneth
Welch, G. Michael
White, Michael J.
Whitson, Peter
Wilson, David L.
Woods, Charles

Expires April 2007

Ausra, Alexander M.
Berg, Eugene L.
Dona, Steve
Garber, Jim
Harlan, John B.
Hayden, Steve
Howes, Chester F.
Hreha, James
Klosterboer, James
Layman, Elmo
Lykins, Bruce
Mattix, Mark
Merkle, Margaret
Mitchell III, Joe
Neely, David
Reed, Daniel

Smith, David
Suman, Tom
Syska, Niles
Travis, Gary L.
Yeley, Russell C.

Expires May 2007

Carson, Howard V.
Dann, Ning
Dunlevey, Mahan, & Furry,
Richard L. Carr Jr.
Finley, Kyle P.
Haschke, Charles M.
Heil, Dick
Hill II, William
King, Ron
Lewis, Robert A. (Bob)
Livorno, Joe
Martin, Larry
McCoin, Kenneth H.
Mooney, Millie
Rohrer, Stan
Schrader, Donna
Sparklin, Karl
Stiver, Charles A.
Thielen, George J.

Whitaker, John R.
Whitaker, Ruth L.
Wick, Ronald M.
Williamitis, Ron

Expires June 2007

Beardmore, Mary Ellen
Boltz, Harry
Brown, Denis G.
Groeber, Gregory (Greg) A.
Hermosillo, James J.
Houser, Steven R.
Lake, Sherry H.
McGhee, Tom
Myers, Robert P.
Rhodes, James C. (Dusty)
Richard, Bill
Seibert, Karl F.
Skuya, Ed
Wert, Robert E.
Woodard, Dan

Welcome

NEW DMA MEMBER

Michael Cupp Jr.
John Hanauer
Rhiannon Skidmore

DMA[®] Board Minutes - March 5, 2007

By Martin Arbagi, DMA Secretary

Call to Order and Attendance

Vice President Gary Turner called the meeting to order at 7:06 p.m.

Trustees present: Martin Arbagi, Jim Bellan, Todd Collins, Chuck Gelm, John Hargreaves, Jim Ullom.

Absent: Dan Tasch, Ron Williamitis

Officers: Gary Turner

Visitors: Mike Carr, Nancy Christolear, Gladly Campion, and Dave Lundy

Officers' Reports

President (*Vacant*)

Vice-President (*Gary Turner*)

No report.

Treasurer (*Chuck Gelm*)

Chuck presented the monthly financial report. Ed Jones prepared our Form 990 for 2006. We are still waiting on a payment from Hara. The domain name for WirelessDaytonDays was renewed through 2009.

Secretary (*Martin Arbagi*)

Motion to approve the January minutes with correction was made by John Hargreaves, seconded by Jim Ullom, and passed unanimously. Motion to approve the February minutes with corrections was made by Jim Bellan, seconded by Jim Ullom, and passed unanimously.

Committee Reports

Dayton LANfest (*Nancy Christolear & David Neely*)

LANfest is close to break-even, but the figures are not all in yet. Corporate sponsorship was down a bit from the last event.

There were 87 PC gamers, 24 console gamers, and 12 staff. Many console players brought their television sets, increasing power consumption, which will have to be considered in planning the next event. The cost for the gymnasium at St. Peter's in Huber Heights is now out of reach. DLF is looking for a new site for future events. All participants received a Welcome Packet which included an issue of The DataBus with a DMA membership application.

Warrick Mann, a volunteer who has been an important asset to past events, is now moving back to his native Australia.

Membership (*Gladly Campion*)

Our membership currently stands at 258 Regular, 9 associate, 3 student, and 2 life members, for a total of 272, a slight increase from last month.

Programs (*Jim Ullom*)

Dan Forshaw's February presentation on Google was well done and well received.

March's meeting will be a presentation of games and gaming hardware by the Gaming SIG.

April features Nancy Christolear discussing Open Source Software for Windows.

May will be a "show and tell" by the various DMA Special Interest Groups (SIGs).

June, tentatively, has Peter Hess and John Moore discussing Wireless in Dayton.

OTAP (*Mike Carr*)

Mike wants to place a "Donate" button on the OTAP website, and connect it with DMA's Paypal account.

Old Business

Broadband Equipment (*Chuck Gelm*)

Chuck retrieved all DMA-owned equipment at Hara that is worth retrieving.

Vacancy in President's position

DMA needs a President, but no one has volunteered as yet.

Computer Museum

Gary Ganger and his wife moved to a smaller residence and no longer has room for the Computer Museum. We are urgently in need of space to house it.

Association of Personal Computer Users' Groups (APCUG)

Jim Ullom moved that DMA pay our dues to APCUG for 2007. Seconded by John Hargreaves, it passed unanimously. There was also some discussion about a new DMA representative to APCUG.

General Membership Meetings

There was a discussion about where to hold future General Membership meetings.

Digital Projector

There was also a discussion about the need for a new digital projector for DMA meetings. We have a dedicated fund for this purpose, which now stands at about \$300, but this is not enough to buy a projector of the quality we need.

New Business

Taxes

Gemair still owes back taxes to various jurisdictions. Trustees decided to seek advice from an accountant.

West District Science Fair

DMA has, for some years, supplied prizes and judges for this event. Gary Turner presented a letter asking for our participation. Martin Arbagi moved that we "pass" for this year, and send the organizers a letter to that effect. Jim Bellan seconded and the motion passed with one opposing vote.

Obsolete Web Pages

We have a number of obsolete pages on our Web site. Dave Lundy maintains the site and will post updates that are provided.

Certificate of Deposit

There was discussion about obtaining the best rates for CDs that DMA has maturing.

Volunteer of the Month

Warrick Mann was named DMA Volunteer of the Month for April.

Good of the Order

Nancy Christolear announced that Dave Lundy recently won Honorable Mention for one of his digital photos from the Focus Foto Club.

Adjournment

Jim Ullom moved to adjourn at 10:12 p.m. Seconded by Jim Bellan. Motion passed unanimously.

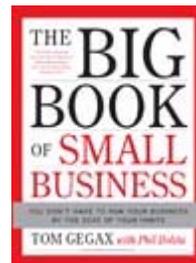
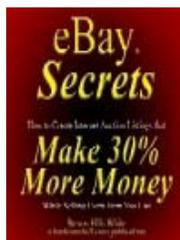
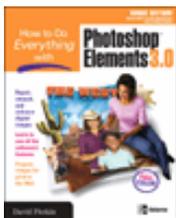
Respectfully Submitted,
Martin Arbagi, Secretary



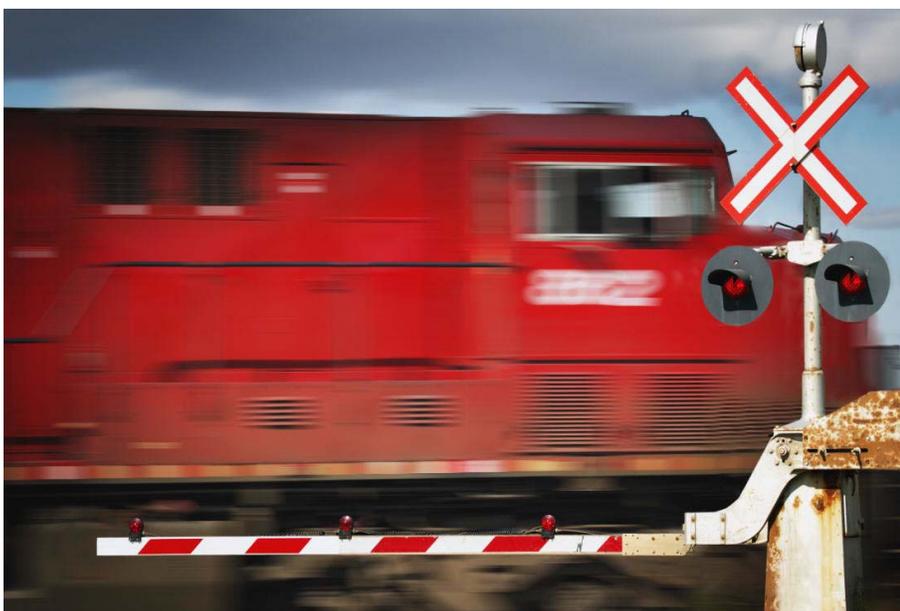
Dayton Metro

LIBRARY

Dayton Metro Library has a Downloadable Collection (<http://overdrive.daytonmetrolibrary.org/>) ! Books here can be downloaded to your computer and then transferred to your MP3 player for listening or PDA for reading on the go. The library is available 24 hours a day, 7 days a week. You need your library card and you will have to download a piece of software to get started. Everything goes out for two weeks and will automatically be "returned" at that time.



Audio titles, provided by OverDrive, Inc., use copyright protection technology from Microsoft Corporation. Unfortunately the iPod (and Mac) do not currently support copyright-protected Windows Media Audio (WMA) files.



We're on the Train!

Dave Whittle will be visiting the area in June and we are **moving our meeting date from June 26th to June 21st** so he can visit us.

So mark your calendars for this change in date so you can get in on the excitement!

All Aboard!

PLEASE ALLOW UP to THREE WEEKS FOR APPLICATION PROCESSING and INTERNET SET-UP

Name: _____ Birth date: ____/____/____
 mo. day yr.

Address: _____

City: _____ State: _____ Zip: _____ - _____

Phone: (Home) (_____) _____ - _____ Phone: (Work) (_____) _____ - _____ x _____

I wish to have my name and address published in the club roster: YES [] NO [] E-mail address _____

Name of DMA® member who recruited me: _____ (only new regular memberships)

Current or recent DMA® Member: Yes [] No [] Change of Address Only [] Today's date: ____/____/____

Membership number (from your *DataBus* mailing label) _____

Type of Membership

Application is for: New Membership []

Membership Renewal [] Associate Membership* []

If applying for free student membership, please give school name and student ID number: Available **only** for students under 22 years old.

School Name: _____ Student ID#: _____

* A family associate membership is an additional membership for a member of your immediate family that is living in the member's household. If this is a family associate membership, give name of regular member: _____

Dues/Fees (Dues and Fees are subject to change without prior notice)

- Membership (one year - New or Renewal) 1.) [] **\$25**
- Family Associate Membership (must live at same address as regular member) 2.) [] **\$12.50**
- Free* Student Membership 3.) [] **FREE** *for students under 22 yrs of age
- Please assign me a user ID for E-mail and Usenet news access 4.) [] **\$10** one-time setup fee for new accounts.
- Total --- Lines (1 or 2) (+4 if checked) 5.) \$ _____

<input type="checkbox"/> Cash
<input type="checkbox"/> Check
Check

Make your check payable to Dayton Microcomputer Association, Inc. DMA®, then send the check and application to: - - - - -
- - - - -> PO Box 340402 Beaver Creek, OH 45434-0402

DMA® Use only: Membership # _____ Exp. Date: ____/____/____ Processed by: _____ REV: 01Nov05

Friends of DMA

The "Friends of DMA" program is being established to facilitate direct contributions from both groups and individuals to help cover expenses and opportunities. DMA will gratefully accept any amount you or your business can afford.

All contributions made to "Friends of DMA" are tax deductible: 501(c)(3). DMA was founded on the principle of keeping membership fees as low as possible in order to allow all those wishing to join, participate, and share in the many benefits and rewards that membership provides.

In spite of decreasing sponsor donations, the expenses of DMA do continue and shortfalls must be realized from sources such as membership dues and direct contributions such as the Friends of DMA Program.

Become a Friend of DMA and contribute to the support of our organization. You may contribute any amount to the General Fund or designate your contribution to a specific target need. All contributions will be acknowledged with a signed receipt certificate.

Enclosed is my (our) contribution in the amount of:
 () \$25 () \$50 () \$100 () \$250 () \$500

- The desired target of this donation is:
- () General Fund – Allocate to most needed area within DMA
 - () Hardware and On Line Services – Allocate to help the DMA infrastructure
 - () Administrative – Dues Assistance, Administrative, Publications and supplies
 - () Other:

DMA® Events for April 22, 2007 - June 2, 2007

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Apr 22	Apr 23	Apr 24 Main Meeting 7:00pm HHAF Cntr 5367 Fishburg	Apr 25 Hands-On SIG 6:30pm 119 Valley	Apr 26 Digital Photo SIG 7:00pm 225 Allyn WSU	Apr 27	Apr 28 OTAP 9:00am - 5:00pm Gaming SIG 4:00pm - Midnight
Apr 29 Gaming SIG Midnight - 4:00pm 119 Valley	Apr 30	May 1 Amateur Radio SIG 7:00pm 119 Valley	May 2	May 3 Genealogy SIG 7:00pm 119 Valley	May 4	May 5 OTAP 9:00am - 5:00pm Classic Computers 3:00pm
May 6	May 7 Board of Trustees 7:00pm 119 Valley	May 8 Hands-On SIG 6:30pm 119 Valley	May 9 Perl Mongers 7:00pm 119 Valley	May 10	May 11	May 12 OTAP 9:00am - 5:00pm
May 13 Mother's Day	May 14	May 15	May 16	May 17 Linux SIG 7:00pm E163B Student Union, WSU	May 18	May 19 OTAP 9:00am - 5:00pm Classic Computers 3:00pm
May 20	May 21 Apple SIG 7:00pm HHAF Cntr 5367 Fishburg	May 22	May 23 Hands-On SIG 6:30pm 119 Valley	May 24 Digital Photo SIG 7:00pm 225 Allyn WSU	May 25	May 26 OTAP 9:00am - 5:00pm Gaming SIG 4:00pm - Midnight
May 27 Gaming SIG Midnight - 4:00pm 119 Valley	May 28 Memorial Day (Observed)	May 29 Main Meeting 7:00pm HHAF Cntr 5367 Fishburg	May 30	May 31	Jun 1	Jun 2 OTAP 9:00am - 5:00pm Classic Computers 3:00pm

Remember:

- April 24 "Open Source Applications for Windows"
at *Huber Heights Athletic Foundation (HHAF) Center*
5367 Fishburg Road, Dayton, OH 45424
- Send membership applications & renewals to:
PO Box 340402, Beavercreek, OH 45434-0402



Dayton Microcomputer Association, Inc.
PO Box 340402
Beavercreek OH 45434-0402

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