

Licking County Computer Society

www.lccsohio.org

Random Bits



Inside this issue:

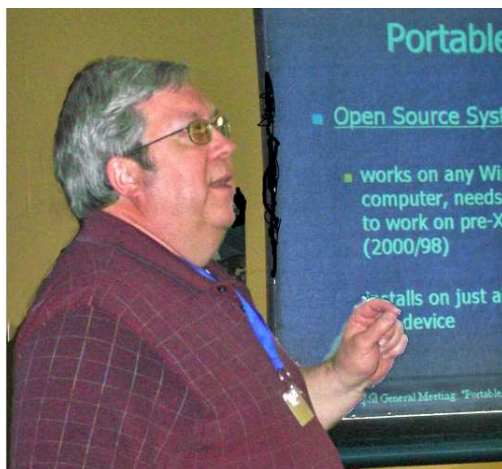
2007 General Meetings of LCCS

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“You CAN take it with you.”

April 17, 2007

By John Kennedy, LCCS member



Despite the old adage regarding your wealth and treasures that: “you CAN'T take it with you”; when it comes to software: “you CAN take it with you”. Thanks to a couple of new software managers, U3 and PortableApps, you can now install fully functional software programs on your USB/thumb/jump drives and take it wherever you want. U3 comes loaded on certain versions of the USB/thumb/jump drives (I'll just call them USB drives) from different companies. PortableApps can be installed on ANY USB drive.

This feature allows you to run specific software on any computer that accepts USB drives. In addition to being able to run applications off the USB drive, all personal data is kept on the USB drive and not left on the computer. You can also store text files, browser bookmarks/favorites, images, sound files, etc., and take them with you also. You can even configure the e-mail software to access your e-mail from any computer in the world. And you can even install/run the new SKYPE software that would let you make calls from any computer to any other computer in the world (or home phone for a small fee).

The “Open Source” PortableApps software will run on any Windows computer (needs a small “patch,” extra piece of software, to run on a Win98 computer), while the U3 will only work on WinXP computers. On pre-XP computers, the USB drive w/U3 works just like a regular USB drive. PortableApps will install on any USB drive, but U3 can only be installed/run on USB drives that are designed as U3 USB drives.

Next General Meeting PROGRAMS

For future monthly General Meeting programs, please go to:

www.lccsohio.org/meeting.htm

Open Position

Word/Works Leader

If one of you members is willing to be SIG Leader for Word/Works, I'm ready to step down. Step up and share your light!

Please contact Mary Frances Rauch: rauchhouse@alink.com

PICNIC AND OPEN HOUSE

We are planning a picnic open house at the A-Frame on August 4th from 3:00pm until ????

Park in the Lot at the Corner of Cherry Valley Rd and Reddington Rd.

Bring lawn chairs, covered dish or snacks. We will provide the meat (hamburgers, hotdogs, brats). Members and guests (bring prospective members) and enjoy a social event. Some items planned: horseshoes, cards, and exploring the bike path. Please contact an Executive Board member with any other ideas.

The U3 comes on certain brands of USB drives and specific software is preinstalled depending on the brand of USB drive. But you can add additional software from their Web site. There are a number of “free” software choices, along with some “try before you buy” and a lot of software that you have to pay for. There is a known compatibility issue that U3 will conflict if you have installed on your computer either “DirectCD” from Roxio or “InCD” from Nero. These programs control the “write to external drives” software (usually your CD/DVD burner, but now will include U3 as it becomes an external drive) and prevents you from being able to correctly “stop” the USB drive so you can remove it. You can check out U3 at this web site:

<http://www.u3.com/>

PortableApps can be installed on any brand of USB drive and comes preloaded depending on the version of PortableApps that you install. The “basic” version (only comes with the launcher software, no programs) can be downloaded/installed on a small 128 MB USB drive. You then can add only the very necessary software that you want to use. The “lite” version (comes with the launcher software and a number of programs, but with a basic word processing program) can be downloaded and installed comfortably on a 256 MB USB drive. And finally the “standard” version comes with just about everything you need and downloads/installs on a 512 MB USB drive. You can check out PortableApps at this web site:

<http://portableapps.com/>

Additional Uses for Portable Apps

May 15, 2007

Presented by Jon Luzio Written by Phyllis Hartroft



Jon Luzio offered additional uses and tips on **Portable Apps**. He was so impressed with John Kennedy's presentation (April 17, 2007) on the uses of **Portable Apps** that

he installed it on a thumb drive and presented it first at the Windows SIG meeting on April 21st. The demonstration went so well that he was asked to repeat it at the May General Meeting, where more members and guests would be present. Jon's description of his presentation follows:

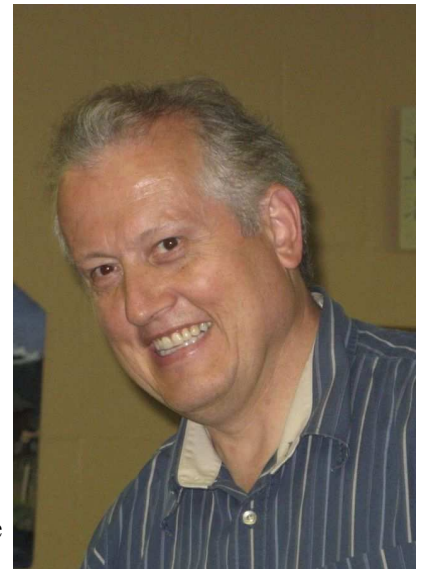
At the May 15th Licking County Computer Society's main meeting, Jon Luzio, LCCS member showed **PortableApps** on a USB thumb drive (www.portableapps.com). Portable **Irfanview** (a graphics program), **ClamWin** (an anti-virus app), **Thunderbird** (email client), **Firefox Portable** (internet browser), **VLC Media Player Portable**, and **OpenOffice Writer** were all demonstrated. Also, video conferencing with his friend, Pat Mahieu, in Stow, Ohio, using **Skype** (a peer-to-peer internet telephony/video application) installed on the thumb drive was shown. These are all free applications that you can download. Please see Windows SIG on p. 4 for more details.

Whittle's Picks 4 Your Digital Home

June 19, 2007

Presented by David Whittle Written by Ron Sherwood

Guest speaker David B. Whittle, author of *Cyberspace: The Human Dimension*, presented a two-part program for the June General Meeting. In the first half of his presentation, Whittle demonstrated **Muvee Autoproducer 6**, software to assist users in producing slide shows, and videos on DVD or video CD. The user selects digital video and/or photos, picks some music, and chooses a style. Muvee software does the rest. The application will use the same or random transitions from image to image. It will even repeat the selected music if needed to fill the time to show all images. Whittle warned that this is an application to quickly, easily create slide shows but does not work well for what he termed “documentaries,” presentations that require narrative synchronized with images, different timing for each image and specific transitions between images.



For the second part of his program, Whittle switched to the topic of PC security, specifically on systems using the Windows operating system. He encouraged LCCS members to abandon the “old paradigm” of trying to be their own PC security expert and to consider using a professional security package instead. He said that consumer security software

puts the emphasis on ease of use rather than strength. "Industrial strength" security software like that used by major companies often requires more knowledge on the part of the user and tech support from the seller. In addition, the top level software sometimes requires volume licensing and is not available to individuals.

Whittle recommended **Invisus PC Security Service**, a subscription offering that provides professional-grade security software, unlimited phone support from US-based experts, and identity theft insurance. Invisus startup and monthly fees vary with the number of computers to be protected.

SIG REPORTS

Word/Works SIG

Mary Frances Rauch, SIG Leader
Written by Mary Frances Rauch

Word/Works SIG for April, May and June, 2007,

APRIL, 2007. I did not send out email "reminder" of this meeting. Only one (1) person showed up. This mystifies me. There is the LCCS WEB site, <http://www.lccsohio.org> showing a color-coded calendar, and LCCS members are mailed a monthly REMINDER SHEET, and we have all the meetings listed in the quarterly "Random Bits" newsletter. The dates and times are very available.

MAY, 2007. We had questions regarding "saving your Outlook EXPRESS email addresses" and "saving your FAVORITES" to a file that has the URL (live link) information so it can be (burned) copied onto a CD.

The whole thing seemed too time-intensive for a SIG, because first we'd have to set up the Outlook Express email account on all ten computers, plus the Teachers....and then we would have to load Addresses into the New Contacts section of our OE email. As it turned out, we almost got through the process of saving FAVORITES, and one member had an emergency call and left, and another was ill and wanted to leave. We closed early with a promise of things to come at the June Word/Works SIG.

JUNE, 2007. We arrived with a "plan of action" to save FAVORITES, and be able to print out the Link with each. When we clicked on Internet Explorer, some computers (including the Teacher's), could NOT access the Internet. We did a little troubleshooting, and then called Dave Bibler. He could not help, and suggested we call the Maintenance guys. We did, and it was suggested that maybe we'd have to reload IE. Meanwhile time was flying

by, and the members were getting restless. I changed gears and gave 3 of my personal tips for efficient cataloging and filing, and a refresher on how to use "Change Text Direction" in a Text Box and in a Table cell.

Repair SIG

Wyn Davies, SIG Leader
Written by JC Deck

Repair SIG held its April meeting on April 3rd, at the A-frame. 17 members were in attendance and 6 systems were worked on. Additionally a member was given advice on DSL and how to save WebPages to her computer for viewing offline. In one system we replaced the video card and disabled the onboard video. Another system needed drivers for its NIC card. We also upgraded the RAM in the computer and removed MacAfee antivirus and replaced it with AVG antivirus. Another system had a bad modem which was replaced. A bad fan was replaced in one computer. The processor mounting bracket in this system was damaged; however, we were able to repair it. One system had numerous issues, all seeming to come from a failing power supply.

The May Repair SIG meeting was held on the 1st at the A-frame. Around 12 members were in attendance and several systems were worked on. Dave Clement updated one system's internet browser from Internet Explorer 5 to IE6. He also took the opportunity to download windows updates while the system was on DSL at the A-frame.

John Kennedy and Ron Sherwood teamed up to work on one of John's computers. They determined that the power supply went bad which resulted in a loss of on-board video on the motherboard. They could not resolve the video issue and decided to move the hard drive into another computer.

I worked on installing a new hard drive into one of my computers. The old hard drive crashed so I needed to replace it and reinstall an operating system. I installed an 80Gb Western Digital hard drive. I donated \$5.00 to LCCS to install Windows XP on the computer. This computer is now back up and running well!

The Repair SIG's June meeting was held on June 5th. Nine LCCS members were in attendance and there were several visitors. Two MAR Computers were distributed. One was to a volunteer from the Recycling Event and the other was for a Donation.

Three computers were worked on. Dave Clement installed a NIC card in a Windows 98 system to facilitate DSL Access. In this process, the CD drive was found to be bad and was replaced. He also upgraded the RAM in the computer to

- - - continued on pg 4

SIG REPORTS - *continued from p 3*

improve it's performance.

Another computer received a RAM upgrade to allow it to run Windows XP. The computer was upgraded from 128 MB to the 256 MB minimum for Windows XP. Another system needed a second CD drive installed to allow for direct copying of CDs. The second CD drive that was installed was not working. After replacing the CD drive both the CD burner and second drive stopped working. The problem turned out to be a Jumper Configuration problem. Both CD drives had been set as "master". Switching the jumpers on both drives to "cable select" solved the problem.

The next meeting will be held on July 3rd.

Windows SIG

Phyllis Hartroft and Jon Luzio, SIG Leaders
Written by Phyllis Hartroft

Windows SIG, April 21, 2007

Please also refer to General Meeting program for May
Jon Luzio wrote the following.

We explored some of the apps a little more, such as Thunderbird, Clamwin (antivirus app) —useful to run on a check on a virus-compromised computer, VLC media player (we played music & videos from the thumb drive), IrfanView portable, & OpenOffice Writer. Each one is a separate app & can be run from the exe file. You can find links to an extensive list of other software here http://en.wikipedia.org/wiki/List_of_portable_software. We were disappointed that if you run Thunderbird on a computer that uses a different ISP than your own, you get an error message when you attempt to send messages. This really limits its usefulness but it is a good program. We were impressed with Open Office Writer. It seems to handle graphics well, so it could be used for at least limited desktop publishing.

For Skype, these instructions worked for me.

- 1 - Purchase generic USB stick (thumb drive). I used a 2 GB but I think you can get away with as little as 128 MB
- 2 - Make a folder on the USB stick called /Skype
- 3 - Copy the Skype.exe from a PC, install in the USB stick's /Skype folder
- 4 - Create a new text file on the USB stick /**Skype** folder called Skype.Bat
- 5 - Edit the file with notepad. What do you put in? You put in the following:

```
@echo off
```

```
set APPDATA=%~dp0Application Data
if not exist "%~dp0Application Data" mkdir "%~dp0Application Data"
```

```
set USERPROFILE=%~dp0
```

```
set ALLUSERSPROFILE=%~dp0
```

```
echo Starting Skype...
```

```
start %~dp0skype.exe
```

That's all you need for "Skype on a stick". Everywhere you plug in your USB stick, just run the skype.bat file and you've got **Skype** on any XP PC with a USB port. I found a .vcf file in my main computer Skype directory called PreloadedContacts.vcf that I copied to my Thumb's Skype directory. This was my list of Skype contacts.

I brought along an old USB computer video camera and demonstrated Skype full screen video conferencing from my thumb drive. I called a friend up in Akron. It went very well and everybody seemed to enjoy it and everybody was impressed that this was all free.

Windows SIG, June 23, 2007

This meeting was held at Jon Luzio's home. Jon wrote:

At the June Window's SIG, Microsoft's new Flight Simulator Deluxe Edition 10 was demonstrated. In this massive in-depth game you can fly 24 different planes from over 24,000 airports around the world and if you are connected to the Internet you can get real time weather from over 6000 weather stations. If you are a hardened professional, you can navigate with 10,000 real stars accurately rendered in the night sky. If you wish, you can choose from 50 structured, challenging missions to fly. Unfortunately you have to have an up-to-date computer with a powerful video card to run this game at an enjoyable level.

Linux SIG

Jim Amore SIG Leader
Written by John Kennedy

The Linux SIG met on a "special" date due to holidays falling on both the meetings at the end of May and in June, so a combined meeting was held.

As most of the Linux members are running Ubuntu and last month a report on the new version (7.04) was given with good recommendations, we took a laptop that had the Ubuntu LTS (long term support) version 6.06 and demonstrated how to do a complete fresh install (vs. an upgrade). The reason for this

was that since 6.06 (known as Drapper Drake) two newer versions have come out and to upgrade to the newest one, you'd have to first upgrade to version 6.10 (Edgy E) and then to 7.04 (Feisty Fawn). So it's easier to do the full install.

Step one was to delete the current partitions to start with as much free space as possible (BTW, this laptop also dual boots to Windows XP so we left that partition alone). Step two was to create a number of partitions: one for the root program, one for the "home" directory, one for the "swap" directory, and finally a partition that could be read/write by both Windows AND Linux. Step three was the actual install of the OS. After that, the final step was to run the Update manager to get all updates that have come out since 7.04 was developed.

After that was finished, the computer was rebooted and both Windows XP and Ubuntu were found to load/run correctly. The meeting finished up with the creation of some additional "Live/Installation" CD's that could be used by others that wanted to install Feisty Fawn on their computers.

One of the best features with the Linux operating system (other than it being FREE) is the quantity of programs that come with the OS. In future meetings we hope to discuss/try out some of the many, many programs that come pre-installed (other than the most common being a browser, e-mail, and office suite), to have an idea what's there and what do you do with it.

Digital Imaging SIG

Dave Clement, SIG Leader

Written by Ron Sherwood and Dave Clement

April Digital Imaging SIG

"What's that tulip thingy on my camera? I thought WB was Warner Brothers." Group member Ron Sherwood lead the discussion of these and other common digital camera settings at the April meeting of the Digital Imaging SIG. Besides the totally automatic setting, even the most basic digital cameras usually have at least some user accessible settings. Image quality, image size, and camera sensitivity are among those commonly found. Some group members had their cameras and manuals at the meeting and discovered that manufacturers may vary the names they give to the same settings. Size may be given directly in pixels or in a descriptive term such as large, medium, or VGA. JPG compression might be given as a number or a term such as extra fine, fine, or normal. The owner's manual is key to determining how a given company identifies each setting and what the descriptions mean.

Oh, yes. The tulip thingy sets the camera to close-up mode. In digital camera parlance, WB represents white balance.

May Digital Imaging SIG

Group leader David Clement demonstrated his technique for quickly converting large numbers of slides to digital images. He projects the slides on to a smooth white surface, his choice is Foamcore, and using his digital camera photographs the projected image. David warns against using a regular slide/movie screen because the reflection from the glass beads will create speckles on the photographed image. He mounts his camera on a tripod to maintain alignment from shot to shot. Since David's camera has a remote, he is able to click the projector remote, camera remote then repeat in rapid sequence enabling him to copy a tray of slides in minutes.

David leaves some area around the slide when copying. He then uses imaging editing software on his desktop computer to make final crops and any necessary adjustments to the image such as contrast or brightness.

June Digital Imaging SIG

The discussion this time was to complete the process of taking your digital images that were created from your old 35mm slides and putting them into a format that could be played back on your DVD player. There are two formats such as DVD or VCD that will allow you to play them back on your TV using your DVD player or your computer.

One software that was used is Photo2DVD, which, allows you to easily take your digital images and put music and transitions into a DVD or a VCD. And we also demonstrated Roxio 7 software to add audio to each individual slide and adjust the time duration to match the audio, and transitions, and a menu.

There was a discussion about what we would like to do in the future. One of the suggestions was to have assignments or projects to do between meetings. Participation would be strictly voluntary. The idea is to encourage group members to take more photos and maybe some subjects that they don't ordinarily take. Since the Fourth of July falls between meetings, we thought the "Fourth of July" would be a good theme for this month's assignment. Parades, cookouts, fireworks — anything that says Fourth of July to you.

Ron Sherwood has offered to be the central collecting point. He'll put the photos together for slide show at the July meeting of the Digital Imaging SIG.

Send your digital images to Ron at lccspic@roadrunner.com. Please limit the size to 1280 x 1024 or smaller.

LCCS MEMBERS SPEAK

MUSIC DOWNLOADING

Written by J.C. Deck

In recent years the popularity of music downloading has increased. For example, there have been over 2 billion songs downloaded from iTunes since it opened in April, 2003. Now there are many different WEB sites that offer music downloads for a small cost each. However, all music download WEB sites are not the same. This article will help give you an overview of the features of the different WEB sites.

Wal-Mart Music (<http://musicdownloads.walmart.com>) features over 600,000 songs available for download. Windows Media Player 9 or higher is required to play downloaded music. Each song allows you to play a 30 second preview before downloading. The search feature allows you to search by artist, album and song title. Downloads are \$0.88 each and discounts are available for downloading an entire album at once. You are allowed to save music to a maximum of three computers, make unlimited transfers to a portable music player and burn songs to CD up to 10 times. Music downloads are not compatible with an iPod directly. You can work around this by burning the music to a CD in Windows Media Player and then importing the songs into iTunes.

Yahoo Music (<http://music.yahoo.com>) allows unlimited plays for \$6.00 a month from its database of over 2 million songs. Songs can also be downloaded to your computer for \$0.79 each for subscribers. Songs are played in Yahoo music Jukebox software (available for download from the WEB site). Windows Media Player 9+ is required for playing downloaded songs. Songs are not compatible with iPods. Search is by artist only.

Rhapsody (www.rhapsody.com) offers unlimited plays of over 2 million songs for \$9.99 a month. Songs can be transferred to MP3 players for a subscription of \$14.99 a month. You can also download individual songs from Rhapsody to your computer for \$0.99 each (\$0.89 each if you have a subscription). Songs can then be burned onto CDs. Songs downloaded from Rhapsody are compatible with iPods. Rhapsody requires you to download its own software to listen to and download music. The Rhapsody software is compatible with Windows 98+ (excluding Vista) Mac OS X and Linux. This software is compatible with the iPod as well as other MP3 players. Search is by artist, song, album, or composer.

Napster (<http://www.napster.com>) allows you to play songs from its database of over 3 million tracks up to 3 times for free. Songs can then be downloaded for \$0.99 each. Napster requires Windows Media Player 9+ to play downloaded music. Search is by artist, song, or album.

iTunes (<http://www.apple.com/itunes>) offers downloads for \$0.99 each from its library of over 3.5 million songs. iTunes also offers downloads of TV shows for \$1.99 each episode and movies for \$9.99-\$14.99 each. T.V. shows and movies are compatible with video iPods only. Songs are downloaded into Apple's iTunes software. iTunes is compatible with Mac OS X and Windows 2000 and XP. Vista is currently supported by iTunes 7.2 only. This support for Vista is not flawless and could lead to problems with your iPod. Searching for music in iTunes is done directly from the iTunes software. iTunes can also convert songs from a Windows Media Player library to a format compatible with iPods. I personally use Windows Media Player to play music on my computer and only use iTunes to transfer songs to my iPod.

There are also several WEB sites that allow music to be downloaded legally for free. Purevolume (<http://www.purevolume.com/>) allows online plays and downloads of over 100,000 songs from the rock and heavy metal genres for free. Google Video (<http://video.google.com>) offers over 4 million music videos that can be downloaded in a format compatible with the video iPod or can be played in the Google Video Player. iMesh (<http://www.imesh.com>) offers over 2 million songs that can be downloaded into its iTunes like software.

With the current popularity of online music stores growing, it is inevitable that there will be even more options to download music from the Internet in the future.

WHY I JOINED LCCS

by Dave DeRolph



I can't remember how I first heard about LCCS – it may have been an Internet search - but I attended one or two general meetings long before becoming a member. That first meeting occurred perhaps more than two years ago and the speaker talked about buying and selling on eBay. Of course, I also learned a little more about LCCS then and so the seed for future involvement in the organization was planted.

Prior to actually joining in July 2006, I occasionally visited the LCCS WEB site to see what activities were on the agenda. Several of the SIGs looked interesting. For years, I've done my own computer hardware upgrades (memory, video cards, sound cards, processors, motherboard, etc.) and have also occasionally helped other people solve software or hardware problems. - - - *continued on pg 8*

RECYCLING EVENT

Written by Jim Amore

On Fri and Sat 5/4/07 and 5/5/07 we held another recycling event. Twenty volunteers each day made the event run smoother. I need to thank all the volunteers and our corporate sponsors:



- Contour Forming David Rhodes Storage Bayer Corporation Licking County Litter Prevention
- Holophane Alpha-Link Re-Max Realtors Licking County Aging Program
- Helmick's Exterminating City of Newark Litter Prevention City of Newark Parks and Recreation

Great Eastern Metals from Cleveland is our recycler and they gave us a detailed report and certificate of recycling. It took them two trips this time.

1st trip 24,929lbs 2nd trip 9,344lbs

When I started this recycling effort I was thinking we'd try to have a couple events per year and cut back to one when everyone had their basements cleaned. But as you can see, we are collecting more every time. I've checked around and we are the only agency in the area doing this for free. With everyone's help, I'd like to continue to have these events. It's fun and brings everyone out for a good cause.



NEXT RECYCLING EVENT 9/7/07 - 9/8/07



KUDOS TO JC DECK

Note the before and after photos at the A-frame. JC and his mother have spent hours organizing and cleaning in preparation for the picnic.

Now it will be easier for the SIGs when they meet there to work.

When you see JC,
THANK HIM.



Before



After



Before



After

LCCS MEMBERS SPEAK*--- continued from pg 6*

So, the Repair SIG sounded particularly interesting. I figured I knew enough to be able to contribute to that SIG and, no doubt, still learn more about computers. I attended my first Repair SIG meeting in May or June 2006 to see what it was all about and then submitted my membership application and fee at the July Repair SIG meeting.

Since joining, I've attended a session of the Web SIG and the Linux SIG. Both were interesting. I recently did a test installation of Ubuntu Linux and had some problems, but I know the LCCS Linux SIG is a very good resource and I look forward learning more about Linux through that SIG.

In addition to the topics of the general meetings and the SIGs, I'm glad to be affiliated with an organization that provides a service to the community, and the environment, through the semi-annual recycling drive, that provides computer learning opportunities to seniors, and that makes available older, refurbished computers to those who can't afford to buy new.

**NEWS FROM APCUG**

**APCUG Annual Convention Returns to
The Riviera Hotel & Casino
January 3rd to 6th, 2008**

Jim Evans jevans@apcug.net Convention Co-Chair

The 2008 Annual Convention of the Association of Personal Computer User Groups (APCUG) will be held Thursday afternoon, January 3rd to late Sunday morning, January 6th. The 2008 Consumer Electronics Show (CES) will start after our Convention on Monday, January 7th and run until Thursday, January 10th. We will again be meeting at The Riviera Hotel & Casino near the Las Vegas Convention Center, where part of CES is held.

For more information on the convention go to the LCCS Blog also known as the LCCS Web Board Forum. Click on Links, which is the first listing.

[APCUG NOOZ](#) is near the bottom of the forum.

TIP OR TREAT**How Cool is Your Computer?**

Written by Ron Sherwood

Do you have a cool computer? No, not Austin Powers cool but temperature cool as in Fahrenheit or Celsius. One software tool to monitor system internals is Speed Fan, a free-ware application available at <http://www.almico.com/speedfan.php>. Speed Fan monitors voltages, fan speeds and temperatures in computers with hardware monitor chips. Speed Fan can also access S.M.A.R.T. data for hard disks that support this feature and show hard disk temperatures. For the adventurous, Speed Fan allows altered clock speeds on motherboards supporting the feature.

As I write this, Speed Fan says my CPU usage ranges from 0.1 percent to 5 percent, depending upon whether I'm just entering text or copying/moving text. The CPU runs at 90F and the internal temp is 86F. Hard drive 0 shows 97F and HD1 93F. The fans spin at 3042 and 2685 RPM.

The drive tool reads S.M.A.R.T data and provides Fitness and Performance ratings. An in-depth option takes the user to the Speed Fan Web site and compares user drive data to a database of drive parameters for some of the more popular drives. Using this feature, my HD0 receives a 99 percent fitness rating and 100 percent performance score. HD1, an older drive with more hours, only scored a 90 percent on fitness and 98 percent for performance. The best use for this tool may not be relying on absolute numbers but checking drives periodically to see if there are changes.

I've monitored my desktop motherboard with Motherboard Monitor (MBM) for a couple of years. While it works just fine with the Intel motherboard in my desktop, MBM seems to be a bit more particular than Speed Fan about which motherboards it likes. Also, the last I read, MBM is no longer being upgraded. Speed Fan works with Windows 9x, ME, NT, 2000, 2003, Windows XP and Windows 64. It can be minimized to the tray and is compatible with Motherboard Monitor 5.

For more information or to download Speed Fan, go to <http://www.almico.com/speedfan.php>.

FREE

Come to the picnic and a LCCS member will sign you up on the LCCS Web Board Forum.

This Blog is where announcements will be made for cancellations, calendar changes and emergency notifications.



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