

## Random Bits

### Inside this issue:

SIG Reports	p. 2
LCCS Members Speak	p. 6
News from APCUG	p. 6
Tip or Treat	p. 7
LCCS Teaching Program	p. 8
New and Renewed Members	p. 9

### 2007 General Meetings of LCCS

#### Focus on General Computing Maintenance

July 17, 2007

By Dave Clement Written by Ron Sherwood

Using compressed air, an inexpensive paint brush, a paper towel and some spray cleaner,



LCCS member David Clement cleaned a dirty keyboard to begin his presentation on computer cleaning and maintenance. David started his keyboard cleaning by blowing dust and loose dirt out of the keys using compressed air. For the demonstration, he used canned air but explained that he uses a small air compressor at home. He used the paper towel and paintbrush to get the stubborn dirt still hiding between and under the keys. David also used the compressed air to blow dirt from the inside of a CD/DVD drive.

After starting with the simpler clean-up tasks, he moved to the inside of the computer and the motherboard. Again, he used air to blow out dust that commonly collects around the fans and air inlets. Sometimes dirty contacts on memory chips and plug-in cards can cause these components to fail or act erratic. David demonstrated how to remove these parts and clean the contacts using an ordinary pencil eraser. For the more adventurous, he removed the cooling fan-heat sink assembly from a CPU and replaced the cooling paste used to transfer heat from the processor to the heat sink. He even showed his method for oiling a bearing on a noisy fan.

David concluded his presentation by showing the group his method for polishing scratched CDs and DVDs. He warned this does take a little practice and can destroy the disks if not done properly. Using a bolt with a washer placed through the center hole for a handle, David then placed the scratched surface gently against a buffing wheel attached to an electric grinder. He let the CD spin freely while applying slight pressure to hold it against the buffer. The disk he had stomped on and scratched came away looking bright and shiny as new. Again, this technique takes practice. Too much pressure can lead to a melted disk or one ground clear through!

Remember, these and other techniques David demonstrated can get an ailing computer back in operation or, if done improperly, cause additional harm. Use care and if in doubt, there's always the Repair SIG!

#### Next General Meeting PROGRAMS

For future monthly General Meeting programs, please go to:

[www.lccsohio.org/meeting.htm](http://www.lccsohio.org/meeting.htm)

#### LCCS Gift Certificates

An ideal gift for someone that's hard to buy for. Bring in new members or help renew a present member. Gift certificates are available for the regular membership cost. Contact Jim Amore 404-3963 or [jim@helmicks.com](mailto:jim@helmicks.com). Give the recipient the certificate and an application form to fill out and send it to LCCS P. O. Box. 612 Newark, Ohio 43058-0612

## Identity Theft — What You Can Do To Stop It

By Kemp O'Dell

Identity theft and identity fraud are terms used to refer to all types of crime in which someone wrongfully obtains and



uses another person's personal data in some way that involves fraud or deception, typically for economic gain. Identity theft is the nation's fastest growing crime.

A hacker is one who illegally gains access to and sometimes tampers with information in a computer system.

The verb "hacks" is the definition of one who gains access to a computer illegally.

The ways personal information can be obtained by a hacker are many: stealing wallets and purses, stealing mail, completing a change of address form and stealing personal information from your home. Information can also be taken through business theft, shoulder surfing, dumpster diving under the color of authority and skimming.

To lessen the probability one might be hacked, phished or pfarmed, you should avoid sites that are not secure and public blog sites. To protect yourself, be password protected, have a good firewall, keep your virus software updated, protect your personal data when shopping online, and make sure you are on a secure site, do not file share and beware of e-mail attachments.

### Audio And You In The Digital Age

By J. C. Deck

Many people probably remember the time when records and cassette tapes were considered cutting edge music technology. However, today the cutting edge of music technology involves the computer. From playing music CDs on your computer to downloading music and using portable music devices (MP3 players), the computer has become the most versatile music player.

Many people use their computer to play CDs, however, music can also be copied from CDs to your computer's hard drive and play without a CD at all.

Music can also be downloaded from the Internet and played on your computer, without ever owning the physical CD. The benefit of this is you can listen to music from various artists and albums in any order you want.



If you decide you like a specific set of songs to be played in a certain order, you can then burn the music to a CD-R. Then you can listen to your music anywhere you can

listen to a "normal" CD. You can typically fit more music (around 18 songs) on a CD-R, which is significantly more than comes on a purchased album.

Once you have music on your computer, you can transfer that music to a portable media player, more commonly known as an MP3 player or iPod (Apple's version of the MP3 player). Once you have transferred your music to your player using either Windows Media Player or iTunes, you can listen to your music anywhere, without your computer.

With today's music technology being so much more advanced from that of even 5 years ago, it is hard to imagine what will be considered cutting edge 10 years from now.

## SIG REPORTS

### Two New SIGs

#### Saturday Repair SIG

The Tuesday Repair SIG has been so popular that a second Repair SIG has been added. This SIG will meet at 1:00 pm on the Saturday following the General Meeting.

#### Networking SIG

A request was made and there is now a Networking SIG led by Kemp O'Dell. It is held at 7:00 pm on the second Monday of the month at the A-frame.

## Word/Works SIG

Mary Frances Rauch, SIG Leader  
Written by Mary Frances Rauch

### July 17, 2007

SIG members asked what was happening sometimes when they copied articles from the Internet and pasted them into MS Word. The formatting and tables and advertisements that were included gave a resulting page they did not like. We learned about PASTE SPECIAL, and selecting UNFORMATTED Text, and deleting exactly what we did not want from the finished page to be saved. We reviewed the use of TEXT BOXES, and how to color lines, remove lines, TEXT DIRECTION and shading.

### August 21, 2007 Cancelled

### September 18, 2007

Bob Porter offered to be SIG leader for this session. Items covered were WATERMARKS and BORDERS in MS Word.

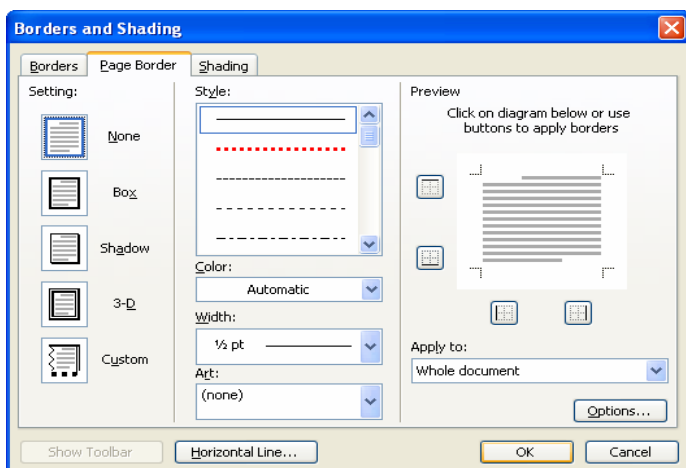
#### Watermark:

Format > Background > Printed Watermark, choose Bullet > Picture Watermark, Select Picture (your choice - double click)

#### Borders:

Format > Borders and Shading > Page Border > Whole document

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



## Windows SIG

Phyllis Hartroft and Jon Luzio, SIG Leaders

No reports, meetings cancelled until further notice.

## Tuesday Repair SIG

Wyn Davies, SIG Leader  
Written by JC Deck and John Kennedy

### July 5, 2007

The meeting was moved from Tuesday to Thursday because of July 4th fireworks. Twelve LCCS members were in attendance. Two systems were worked on. Jim Amore worked on updating McAfee anti virus software on a desktop and installing AVG anti-virus on a laptop.

Additionally, a MAR program computer was prepared with Windows 2000 and Office XP. This computer was given for the trade in of an older MAR program laptop. The meeting was much more efficient because the A-frame was more organized. At the meeting, other members worked on troubleshooting problems with the A-frame's laser printer. The solution to these problems was found to be dirty print heads.

### August 7, 2007

It was a busy, crowded night. We had over 18 people there, and we worked on a total of 6+1 machines. (However we weren't able to repair a car that wouldn't start).

Laptop-A: wouldn't boot to Windows (recurring problem with this laptop), tried a number of LiveCDs to see if we could access hard drive. Since it didn't seem like it could be "read", it was agreed that the drive was probably bad and needed replacing.

Computer-A: upgrading from Win98 to Win2000, also installed a network card.

Computer-B: installed/ran virus check with TrendMicro.

Laptop-B: previously fixed and owner brought back to run through the "training" on Ad-Aware 2000 and Spybot; she did it herself, with coaching. Also showed her how to remove the "preview message pane" on her webmail so messages would show up larger. Finally installed CDBurnerXP-Pro3 and showed her how to create a folder and transfer pictures to it that she wanted to save, and then how to burn the folder to a CD.

Computer-C: installed a DVD player (unable to confirm that sound works as we didn't have any audio CDs at the A-Frame, will have an audio CD in the future), cleared out some leftover fragments of programs that kept popping up when Windows boots.

Computer-D1: a MAC was brought in for donation to recycling, had files that owner wanted to save - transferred those files to a USB drive, then went to a PC and burned same files to a CD.

Computer-D2: after files were transferred, the hard drive was erased using WipeDrive (as our wiping drive wasn't working tonight), and then the MAC was stripped of anything that we could use."

- - - continued on pg 4

## SIG REPORTS - *continued from p 3*

### September 4, 2007

The meeting was busy with 19 members in attendance. We worked on five systems. One member brought her laptop in for help installing a RAM upgrade. The computer was upgraded from 256Mb to 1.25Gb. Another computer had its hard drive wiped and Windows 2000 reloaded.

The most complicated problem at this Repair SIG was a laptop suffering from many different virus and spyware problems. The laptop had no anti-virus software installed, and had become infected with viruses and trojans. The viruses also prevented the installation of anti-virus software. To solve this problem, the hard drive had to be removed from the computer and scanned as an external drive with another computer before being replaced and scanned again. This highlights the importance of having an anti-virus software installed and keeping it up to date.

Another member had questions involving e-mail software. They had recently switched from Earthlink to Embarq mail and needed help setting up Outlook Express. Another computer needed its Windows XP installation repaired. A problem with a corrupted template in Microsoft Word was also solved.

### **Saturday Repair SIG**

**Wyn Davies, SIG Leader**  
**Written by JC Deck and Wyn Davies**

### July 28, 2007 extra edition.

An "additional" repair session was held near the end of July (probably helping cement the fact that one repair a month is not enough). A laptop was brought in that would not boot up and the owner had lots of pictures she wanted to recover.

At first a live Linux CD was used to try to access a remote USB hard drive. The plan was to just copy over the files. However, a problem developed in that the remote hard drive was not "seen" by the operating system. A USB jump drive was plugged in and it was read without any problem. But nothing worked with the hard drive. We even tried a couple of different LiveCDs with the same results.

So our only path was to try and get Windows to boot again. We tried a number of special "boot disks" and found her computer running so very slow that we had trouble accessing anything.

We finally ran (which we probably should have done first, but saving the pictures was first on the list) the repair console and ran "chkdsk -r" to check the disk and repair it, which it did after an hour or so (running real slow). After that, Windows finally started running again. However, it was determined that the new Internet Security Software that Embarq downloaded was causing her laptop to run slow and prevented her from accessing the Internet.

We helped remove that and installed AVG/ZoneAlarm in it's place, along with adding Ad-Aware/Spybot. Due to the lateness of the day, the owner was going to need to run the AV program and spyware programs to see if that would improve computer performance.

### September 22, 2007

We had our first secession of our month's second Repair SIG. I think we had a good turn out, Eight people showed up with four computers to service. The four systems all needed the Windows program reloaded. The first two systems, a Dell and an eMachine, needed the windows recovery install performed. Both systems had their recovery CDs. With the priority nature it was an easy install, it still took over an hour each. But with doing a recovery of this nature all user data is lost. This was Oked with the owner as the owner had already saved this data and the recovery was performed. The eMachine was so loaded up that it took extremely long operation time to preform program function, so it was very necessary. The other two systems had some problems and are still in repair.

### **Linux SIG**

**Jim Amore SIG Leader**  
**Written by John Kennedy and J. C. Deck**

### July 29, 2007

The Linux SIG met and worked on a couple of projects. We tried to access the server, but found that it wouldn't let you login as "root" to make the necessary changes so that we could see/access it. So plans were made to come back later and reload the server so it would.

Project 2 dealt with installing Ubuntu on a disk drive that was brought in, instead of having to bring in the whole computer (which is an older heavy one). The install went very smooth and the hard drive taken back home to install in it's original case. Waiting to hear if that part went OK. It appears that you couldn't do that with a hard drive loaded with Windows (take it to a different computer), but the great nature of Linux doesn't have a problem hopping from computer to computer.

The last project was to get a laptop running Ubuntu and Windows, to boot back into Linux (error about mounting partition). After trying out a number of possible solutions to get the computer to mount the partition (which wasn't going as smoothly as we wanted, including the fact that the first time we tried to run the LiveCD it wouldn't read, but after putting it back in again it did. We was discovered that some piece of software (probably something Windows did) had renumbered the partitions. Once the partition was renumbered to it's original number, it booted back into Ubuntu just fine.

### **September 9, 2007**

Only 6 members were in attendance. Jamison Ables demonstrated some homework he has been working on for one of his Linux classes at college. We also worked on mapping the shared folder on the Linux Server and setting the Linux workstation up to print to the A-frame's network printer.

Additionally, Jim Amore installed a full version of Windows Vista that he received for being a beta tester for Microsoft on a computer at the A-frame. This computer will be set up for LCCS members to experience Windows Vista for themselves. Thanks Jim, for letting LCCS use your copy of Vista.

## **Digital Imaging SIG**

**David Clement SIG Leader** Written by Ron Sherwood

### **July 10, 2007**

At the July meeting of the Digital Imaging SIG, leader David Clement reviewed the settings commonly found on digital cameras. Using his Olympus camera as an example, he showed the group how to set such things as image size and quality, camera sensitivity, white balance, sharpness and contrast. While the range of these settings and the procedures to access them varies from camera to camera, they are basic settings found on most digital cameras. Camera makers may also differ in the descriptions used. For example, some manufacturers will give the user a choice of large, medium, small size photos while others give specific dimensions in pixels. Users need to read their owners manuals and try different settings to find those that give consistent, acceptable results.

### **August 14, 2007**

Using Microsoft Picture It, the photo editing software installed on the Zerger Hall computers, members began reviewing the actions available on each of the program's menus. As it is with camera settings, the exact menu location of these actions, the names used on the menus, and the details of their operation vary from application to appli-

cation and all photo editors have similar basic functions. Adjustments for brightness, contrast, and color are typical of all photo editors. Other common features allow cropping, resizing, and sharpening/blurring. The number of adjustments available and flexibility in making changes distinguish editing programs. Members briefly discussed some of the popular photo editing programs, noting that prices range from free to more than \$600.

### **September 11, 2007**

Members headed outside with their cameras to enjoy a brief photo shoot in the cool, dry and sunny weather. The low angle of the sun provided creative lighting opportunities for photographers. Following the shoot, members returned to Zerger Hall to review their new images. The main subject was the old brick building, the old Licking County Children's Home, beside Zerger. However, shooting closeup and at various angles resulted in a variety that went beyond just "a big, old brick building." Photos displayed the texture of the large stones used in the lower portion of the building. Other shots took advantage of the light casting bright highlights and deep shadows.

In addition to the photo shoot and photo review, SIG leader David Clement demonstrated how a dark photo can be lightened to reveal details originally lost in shadow. He used both fully automated features of Paint Shop Pro Photo and manual techniques that allow the user to fine tune the image. The automatic adjustment was fast and did a credible job of pulling details from the darkened area of the photo. However, manual tweaking, while taking a little more time and user input, did provide more user control over the final image.

## **Networking SIG**

**Kemp O'Dell, SIG Leader**

### **August 8, 2007**

The first Network SIG meeting was held on Wednesday at the A-frame. We had a very interesting discussion about some of the hardware (routers, switches, print servers, etc.) used in networked computing environments. Future meetings will be the second Monday of the month.

One member had questions about connecting two routers or a router and switch or hub together to make more ports available for more devices on a home network. Another member has tried networking a Windows 98 computer with a Windows XP computer and would like help with that. We will be doing some hands-on work at the next meeting to see how that can be done.

- - - continued on pg 6

Security, or lack thereof, when using laptop/notebook computers in a wireless environment was another topic of discussion. Some discussion of setting up a printer on a network was also part of the session.

### **September 10, 2007**

There were six people in attendance. The group reviewed an attendee's home network setup to try to diagnose an issue with web site access. It was determined that the issue appears to be related to a virus or hijack software on the machine. They also reviewed DOS (Command Prompt) commands to trace the route your computer uses to get to websites. There was also discussion on the structure of IP (Internet Protocol) addresses.

## **NEWS FROM APCUG**



### **The 2008 Las Vegas Convention**

The theme is Membership Retention and Growth. Highlights and benefits planned for the 2008 event include: Jerry Awards; newsletter, website and digital photo contest awards; roundtable / educational sessions; vendor presentations; opportunities to meet vendors; meal / social events; opportunities to meet user group members from around the world; and much more. Conference information may be found on [www.apcug.net](http://www.apcug.net) and the co-chairs may be reached at [convention@apcug.net](mailto:convention@apcug.net).

#### **Registration**

The convention will again be held at the Riviera Hotel and Casino. Call 800-634-6753 and ask for the APCUG08 Conference Rate; online reservations may be made at <https://www.asentus.net/apcug/2008Convention>

Early Bird registration [\$100] through 11/1 (checks must be received by APCUG by 11/10)

Standard Registration [\$150] 11/2 through 11/30 (checks must be received by APCUG by 12/12)

Late registration [\$175] 12/1 through 12/25

On Site registration [\$175] begins 1/3/08

#### **Roundtables**

Some of the RTs planned for this year's convention include: User Group Development, Finding & Retaining Volunteers, Program Chairs – When Things Go Wrong, Setting up a Server for your Home Network, Working with Cameras and Digital Cameras, Setting up a Secure Home Wireless Network plus many more.

## **APCUG ARTICLE**

LCCS Member Dave DeRolf's article "Why I Joined LCCS" was published in the APCUG Reports Fourth Quarter 2007. It can be seen at : <http://reports.apcug.org/2007q4.htm> .

## **LCCS MEMBERS SPEAK**

### **Open Source Alternative Software**

by John Kennedy

This list should keep one busy and provide about any software for free. Check out the list that's out there for Windows

<https://help.ubuntu.com/community/ListOfOpenSourceProgram>

### **How I Found Out About the Licking County Computer Society**

by Dustin Wilson

I found out about the LCCS from Judith Allee, an LCCS member. She asked if we would like to volunteer at the next computer recycling event. My Mom and I both said yes.

We got there and my Mom and I started by helping set-up tents and tables. Next we set-up Gaylord Boxes where the towers, monitors and other computer items were placed. I smashed hard drives that were under 6 GB with a pointed hammer so no data could be recovered. I took parts out of computers that could be used to build or repair other computers. Some of the items that LCCS saved were power supplies, hard drives, and memory.

I joined the LCCS because I'm interested in computers and other electronics.

Thanks to the members I now have a nice desktop and a laptop computers that I earned for working at the Recycle Events.



## **THE LCCS "BLOG"**

Having trouble finding what has been called The Blog? Yes, it is also know as the Web Forum, The Web Board, and Message Board. Following the LINKS or clicking on [LCCS Web Board Forum](#) on the LCCS Web Site will lead you to the "Blog".

## TIP OR TREAT



### Another Great Recycling Event

By Jim Amore

LCCS sponsored a second recycling event this year, September 7<sup>th</sup> and 8<sup>th</sup>. We were contacted by another recycler and were offered money per pound for our junk. We also applied for a Best Buy grant and depended on our recyclers' disposal of our product. The #2 recycler had already been an approved recycler and we were going to use them and told #1 recycler. He offered a flat fee per load and after research by the Best Buy Partners was an approved recycler. We are finally going to receive some money for our hard work.

The Licking County Computer Society recently honored their youngest member. J. C. Deck, 16, was awarded 2<sup>nd</sup> place at the Ohio State Fair for his computer-related 4H project and will compete at Purdue University in late September. J. C. has also helped with our computer recycling and refurbishing projects.

We had another wrinkle a week before the event. The Newark Litter Prevention was not able to help this time. After contacting a few sources, the Licking County Litter Prevention was able to help. They contacted Arlington Nursing home, which provided Friday's meal, and Donatos Pizza for Saturdays.

### AND J. C. CAME HOME WINNING FIRST PLACE!

We had about 20 volunteers each day, which made the work much easier on all. The first day was a warm day and took its toll on a few of us. The second day was windy with a threat of rain most of the day but held off till we finished.

I know this is a very worthwhile project and I'm so glad for all the support from everyone. We will plan another one in the Spring of next year.



### 1st Place Computer

National 4-H Engineering, Science and Leadership Event

### Our Sponsors

Alpha-Link

Arlington Nursing Home

Bayer Corporation

City of Newark Litter Prevention

City of Newark Parks and Recreation

Contour Forming

David Rhodes Storage

Donatos Pizza

Heath Nursing Care Center

Helmick's Exterminating

Holophane

Licking County Aging Program

Licking County Litter Prevention

Re\Max Realtors

# LCCS TEACHING PROGRAM

## New Chairman of the LCCS/LCAP Teaching Program

The LCCS/LCAP Teaching Program has been a long-lasting collaboration of the Licking County Computer Society (LCCS) and the Licking County Aging Program (LCAP). The purpose of this program is to teach the use of personal computers to seniors of Licking County. LCCS provides the computers and teachers, while LCAP provides the room and staff support.

After several years as Chairman of the Teaching Committee, Dave Bibler resigned, but will still be involved in the teaching. As Executive Director of LCAP, Dave has many other important responsibilities. Dave said he hoped that someone would step forward to fill the role as Chairman of this teaching program because it's a valuable service that we provide the seniors in Licking County. George Hreha responded and was officially appointed Chairman at the September meeting of the LCCS Executive Committee.

George Hreha then asked the following to be members of his committee: Mary Ossa, John Dovjak, Dave Bibler, Phyllis Hartroft, and Dave Clement. The first meeting of this committee on September 27<sup>th</sup> was very well run with positive discussion. Dave Clement will be in charge of maintenance of the computers and ancillary equipment; the others will be more involved with teaching responsibilities. The Teaching Committee will be kept small in order to facilitate making decisions. The chairman will present any major decisions to the Executive Committee of LCCS for further discussion and approval.

Both daytime and evening classes will resume January 7, 2008. Each class will meet once a week for two hours for seven weeks. Another session will begin in early March. All classes will be held at Zerger Senior Center in the computer room. Classes are limited to 10 students because that is the number of computers for student use in the classroom. Thus, computers are available for each student during class, but we also require students to have a computer at home for practice — i.e., for “homework.”

So far, the schedule is as follows:

<u>Time</u>	<u>Class</u>	<u>Instructor</u>
Monday 3-5 PM	Beginners class (XP)	George Hreha
Monday 6-8 PM	Beginners class (XP)	George Hreha
Tuesday 10:30-12:30 AM	Internet/Email	Dave Bibler
Thursday 9:30-11:30 AM	Beginners class (XP)	George Willey
Thursday 3-5 PM	*Beyond the Basics	Mary Ossa & Phyllis Hartroft

\*Beyond the Basics requires either Microsoft Works or Microsoft Office be installed on the student's home computer — word processing, spread sheet, and database are covered.

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Students should register for classes in person at Zerger Hall Senior Center. A \$10 fee is required to cover expenses (manual etc). For more information, please watch the next two issues of *Zerger Times* or contact George Hreha at 740-924-1925 or LCAP at 740-345-0821.





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