

# User Friendly

December 2002



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### FUTURE MEETINGS

Tuesday January 13 2003  
 Tuesday February 11, 2003 ♦

## Season's Greetings



### LACS General Meeting Holiday Party and Silicon Safari



#### A Social (and Technical) Evening

Tuesday December 10, 7 P. M.

Fellowship Hall, 8065 Emerson Ave., Westchester

Gather round the warm friendly glow of the computer monitors as our members toast each other with tales of their adventures in the wilds of Windows Land. LACS members, with their trusty laptops, will describe some of their amazing discoveries and experiences while navigating the turbulent waters of the Internet, Windows, Digital Cameras, Office, and other areas that were Terra Incognito. Then we will all partake of the festive groaning board, filled to overflowing with YOUR generous contributions of easy-to-eat holiday goodies. Everyone is requested to bring something easy to eat such as cookies, cheese and crackers, chips and/or veggies and dips, small sandwiches, cupcakes, fruit, nuts, etc. Board members will bring beverages. Bring a friend or spouse. It will be an interesting evening. Information: (310) 289-7177 or <http://www.lacspc.org> ♦

## Microsoft Shows Off The Tablet PC and More

By **Richard Katz** and **Stephanie Nordlinger**, LACS

Our presenter, at the November meeting, Richard Katz now representing Microsoft, was one of our very early members (and a past President at LACS). He covered three subjects: the new Tablet PC, the Pocket PC and Microsoft's image editor, Picture It! *Digital Image Pro 7*.

First, Richard showed a picture of himself in a bathtub with bubbles and using an 800 MHz Toshiba Pocket PC running MS 2000 with wireless capability. The particular Pocket PC lists for \$650, but is available on the Internet for about \$400. He also demonstrated an Acer 800 MHz 256 MB laptop that contains a tablet (magnetic coil screen) that sells for about \$2,500 and weighs 2.5 lbs. with an external CD drive. Its battery life is 2 - 2.5 hours.

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## (NOVEMBER MEETING REPORT)

(CONTINUED FROM PAGE 1)

### TABLET PC

The *Tablet PC* is a new type of notebook PC that's both lightweight and compact...the unique aspect of this new hardware and supporting operating system is that you can interact with it in a natural way, with a pen, directly on the screen! *Windows XP Professional* is the operating system that enables many of the more innovative products you'll see this fall. This is what Microsoft considers to be the future of the laptop. Not only can you run all your regular applications on it, but also you can use a pen to interact with them. Very cool indeed! Some tablets have keyboards while some are designed as screens only. There are tablets that are everything in between with **many** new ones in the works.

The Tablet PC is based upon a Windows Powered Smart Display. Microsoft sees this as the evolution of the computer monitor. You can pick up the tablet from your desk and take it wherever you want to go in your home using an 802.11b (Wi-Fi) wireless connection. Think of this like the time when you went from a corded phone to a cordless phone. Now you can roam around your house and do your computer work wherever you want. You can surf the web, answer e-mail, play music or do whatever you want to do.

There are some new "mouse" conventions with Windows XP Tablet. For example, if you

need to right click, you can press the special pen on the tablet screen and hold it, and the right click options appear. The digital pen has an electronic device that the screen recognizes without being touched, but it is also strong and can take heavy writing without injury. The message is saved in the operating system's own format. An old piece of Windows CE software that would show the Tablet PC's screen on our screen proved balky, but the third attempt was successful.

The XP Tablet recognizes handwriting without learning. You write on tablet and can use what you have written as a digital picture. Your notes can also be converted to print. It reads cursive handwriting, but it was less successful reading Richard's printing. When the tablet is not sure of a word, it makes a try and offers possibilities like a spellchecker.

Maybe one of the most exciting things shown is *Snippet*, a little application that runs on the Tablet PC. It allows you to grab an image (graphics and/or text) and annotate it in your own handwriting. After you have captured and annotated a snippet, you can save it or even automatically open your e-mail client and send it, directly!

Microsoft Windows XP Pro Tablet edition has "moderate encryption capability" which Richard recommends using especially if you are going wireless. Richard likes his home wireless system, but

you won't have any privacy unless you encrypt your system. He can easily read his neighbor's e-mail.

### POCKET PC

The *Pocket PC* with *Pocket Office 2002* was also shown. Pocket PC's are small personal digital assistants manufactured by, among others, HP, Toshiba, T-Mobile (Ericsson, I think) and now Dell. This little tool is designed to be with you wherever you go. It can synchronize wirelessly or in a cradle with a full PC so that your e-mail, contacts, to-do lists and other files stay current on both machines.

Pocket PC's come in many flavors including wireless phones with Internet surfing capability to Pocket PC's with big infrared transmitters that, aside from using it for your data, can even be used as a universal remote control! All new Pocket PC's have sound output and with Microsoft Media Player, you can run your MP3's and pocket-formatted video.

*Avant Go* reformats Internet data to fit in a Pocket PC, but it is impractical to get whole web pages onto a screen on a Pocket PC or cell phone PDA. There's just data too much data to fit on a small 200 x 340 pixel screen. Katz dropped his web subscription after a couple of days.

### PICTURE IT!'S DIGITAL IMAGE PRO V.7

The final segment of the presentation was digital media, picture editing and fixing. One of the great things about today's PCs is putting professional-quality media creation tools in the hands of just about every-

one. Microsoft has a Picture It! family of products. Katz demonstrated *Digital Image Pro version 7*, the most advanced of these products. (Est. retail: \$109 before rebate.) It doesn't pretend to do the work of Adobe's *Photoshop* - which is hard to learn and really for professionals, not an easy tool for a quick fix. But Microsoft has gone back to using photographic terms in its products, even the low-end one's. *Digital Image Pro* provides various powerful digital imaging tools, professional-quality projects, and the ease-of-use of a step-by-step process. The point of using these products is to do the job quickly and move on to other things in life. The simplicity of Picture It is by far the most appealing aspect of this application.

One new feature that really has everyone excited is the "flash" tool. If you have a picture that is underexposed, let's say in the faces, but the rest of the picture is okay, the flash tool easily fixes it. Flash affects only the middle lower tones (unlike using contrast and brightness), so you can quickly fix otherwise unacceptable pictures. Katz successfully showed the flash tool on underexposed photos.

His efforts to show a calendar project were less successful. On the earlier tries, the photos selected refused to go into their places on the calendar background he had picked. (It was commented that even the pros have trouble with getting software to work — beginners shouldn't feel they are inade-

quate because their programs don't always work as they should.) Members won several copies of Microsoft PictureIt! products in our lucky drawing at the end of the meeting.

After the meeting, the audience had a chance to play with the tablet and the Pocket PC, and many tried out their handwriting recognition. The post-presentation "Pig SIG" met at Dinah's Restaurant where conversations continued until they all were ejected due to the restaurant closing. ♦

## Drive Image 2002 — Important Notice

by **Gene Barlow**, User Group Relations

Dear User Group Customer, PowerQuest recently announced a major new release of Drive Image. This new release, Drive Image 2002, moves from a DOS-based application to a Windows-based application. This significantly improves the usability of the product as well as increases the number of devices that are now supported with this excellent backup utility. In addition, some functions from Partition-Magic have been added to Drive Image 2002 to help you setup your backup partitions. Drive Image 2002 lists for \$69.95, but you may purchase this exciting new product for only \$35. This article will highlight some of the more important new features of Drive Image 2002 as well as tell you how to order your own copy at the user group discount price.

When Drive Image was first introduced 6 years ago, it was a DOS based utility. In order to run Drive Image, you had to shut down all of your active applications as well as the Windows operating system and boot out to DOS. This was necessary to make sure that all files within a partition were closed before Drive Image could make a backup image of the partition. By closing all of the files within a partition, you were certain that all parts of that file were properly stored on the hard drive and not still located in some buffer in RAM memory. This was especially important with your C: partition. It contained the operating system and many open files used by the operating system. Closing these files would close down the operating system and force you to boot to DOS. While DOS is also an operating system, it was simple enough to run without any open files on the hard drive. Hence, running Drive Image under DOS was the only way to make sure that the hard drive was ready to make a backup image of your hard drive with all closed files.

Drive Image 2002 now runs as a Windows utility to define the backup operation you want to perform. When you are ready to actually run the backup, Drive Image will look at the partitions that you want to backup and if none of them contain open files, the backup will be done immediately in Windows. However, if a partition contains an open file, the

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## Review — New Anti-Virus Software

By **Douglas Mechaber**, LACS, MCSE, MCNE, CCDA, BCSD

This review is about two new anti-virus programs: Kaspersky *Anti-virus Personal Pro v. 3.5.1* and Panda Software's *Antivirus Titanium v. 2.03.02*. New viruses, worms, scripts, and Trojans appear daily. No longer do you have the luxury of thinking that you are unlikely to be infected by a new virus, a day or two — or less — old. The Internet has seen to that. These new antiviral packages both check email and scripts for known viruses, as well as monitor "harmful" activity, going one better than the old standbys Norton and McAfee.

Kaspersky Labs, based in Moscow, includes a number of unusual features, in addition to the standard scanner expected in this product. These include a Microsoft Office Guard, a Rescue Disk generator, a Script Checker, and an autoupdater that can do so *daily!* Kaspersky Lab Russia was founded by Eugene Kaspersky in 1997, but he has been working on antivirus software since 1989. The company says its main focus is the development and distribution of information security systems intended for both individual users and corporate clients. It does not have a U.S. branch, but does have branches in the U.K., France and China. Panda Software is a Spanish company, with an office in Glendale, California.

### INSTALLATION

Installation for both of these products proceeded seamlessly. Panda AntiVirus (PAV-T) requires you to enter a code to register, and upon entering additional information, such as name, class of user, address, etc., it generates a *random* username and password. You must use these login credentials to download updates for both the signature files and the software. However, you must wait until you receive a confirming e-mail. After several hours, I still hadn't received any confirmation. I also reregistered as a "problem" for immediate ability to download, but after an hour, lost interest. My original confirmation came the next morning, almost twelve hours later. Given the time difference, some of this is understandable, but most systems like Panda's registration are completely automated, and even replies from overseas return within the hour.

I ran the installation of Kaspersky on a copy of XP Professional, without service pack 1, because I do not like what Microsoft has done to the potential ability to play and record certain MP3 files. Though not approved for XP, Kaspersky ran flawlessly, except that I was unable to run the Control Center — it simply wouldn't execute to generate the expected screen, although I did see a message confirming the Control Center was active upon reboot. Since all other functions, listed separately as menu choices, ran as expected, it appeared I merely lacked the

convenience of a single graphical panel from which to select and customize configuration.

### OPERATION

I was able to update the virus signature files from the KAV web site, although the cumulative update was quite large, over 3 MB. There are 3 types of updates: daily (up to twice daily, unless an emergency in-the-wild situation calls for an immediate response), weekly, and cumulative. You may also set the update to do so automatically. This ability expires from the time the software was provided to me, unlike Panda, which had an expiration date of one year from the date of registration.

To test the anti-viral programs, I used the EICAR standard antiviral test programs ([www.eicar.org](http://www.eicar.org)). KAV provided one more: the anti-viral test placed into an HTML file that the script checker was supposed to catch. According to the text document, I should have seen a warning message, but instead I saw the message: "This file contains EICAR standard antivirus test file placed into script,@ which was probably the warning message. This message also shows another annoying aspect of KAV: the manual and various text documents are riddled with typical misspellings and solipsisms. Panda Software, based in Spain, also has strange grammatical twists: one message said, "Open now Panda Anti-virus Titanium."

Recent paranoia makes it difficult to obtain a good set of vi-

rus files for testing, never mind the fact that yesterday's viral threat is...oh, so *B yesterday*. If you go to the eicar.org web site, you may download the standard EICAR test file in a variety of formats. There's the standard eicar.com, a zipped version, and a compiled zipped version, to see if the antiviral program can detect multiple levels of archive. KAV detected all variants, once I set the parameters to scan the removable disk (CD) on which I had placed the files. There's a subtle box on the extreme lower, left hand side of the scan window that must be clicked to change some of the KAV parameters. If you click this Expert mode box, you change from the default Standard choices, and the box goes to the top of the column.

When I ran Panda Titanium on the same files, only the compiled, zipped file was formally detected. However, I was unable to open any EICAR executable file after that; I could only open the archives to see the .com file underneath.

Panda Titanium's interface models that of XP. There are very few choices, even after selecting the specific items you wish to configure. When I selected complete protection, everything slowed to a crawl. Initially, I couldn't figure out why the cursor clicks were unresponsive. Even after rebooting, I had to *re-disable* complete protection; then everything worked smoothly. Complete protection scans all executed files in real time, but other than disable/enable, is not configurable.

Scanning speed between the two programs here seemed comparable. KAV reports statistics, but PAV-T claims a real world speed of 2,323 KB/s, 62% faster than Symantec NAV, and 32% faster than McAfee. My tests showed KAV returned a blistering 6,209 KB/s, probably not comparable to the test bed used for the PAV-T tests: PAV used a P III 800 MHz with 2000 Pro, and I used an Athlon 1.4 GHz, with XP Pro. PAV-T also has daily updates, but less configuration control. As with KAV, PAV-T can do heuristic scanning and scripts, as well as fix damage caused by worms and Trojans. When I scanned the EICAR files, PAV-T warned me that viruses would be removed, although on at least one option screen, I had selected report only. (The test files were on a CD-ROM, so could not be removed.)

I found Panda Software's Web site maddeningly slow: as with the software installation, a large graphic of the PAV-T package downloads for many choices. The Web site pages expire after only a few minutes, which made it difficult to obtain information. No manual came with the product provided to me B only README files on the CD. The new version includes XP protection, so I will assume that this update would fix the complete protection problem described earlier.

### Tech Support

For Kaspersky: E-mail support is available 24x7x365 from support@kaspersky.com and

the website: <www.kaspersky.com>. Telephone numbers are in Europe. Panda Software is headquartered in Spain, but its tech support can be reached at <[www.pandasoftware.com](http://www.pandasoftware.com)> or (818) 543-6950 or by e-mail: techsupport.usa@pandasoftware.com or info@pandasoftware.es.

### System Requirements

For Kaspersky: Windows 95/98/Me/NT/2000 Pro; 486 or higher, 20 MB of hard disk space, and 16 MB of RAM over the OS minimum, CD-ROM, and 800 x 600 resolution minimum for maximum usability.

For Panda AntiVirus Titanium: Windows XP, Windows 2000 Pro, NT 4.0 Workstation, Windows Me, 98 or 95 running on at least a Pentium 90 MHz processor with 32 MB of RAM and 20 MB of free hard disk space.

### SUMMARY

In this comparison, because of the lack of configuration flexibility that PAV-T exhibits, I give the nod to KAV. If you like the set-and-forget aspect, are bothered by too many choices, or have been unable to repair viral damage, then you may wish to give PAV-T a try. The new version is supposed to store, in cache files, previously scanned files and scan only modified files, so as to eliminate duplicate scans of resident files.

Kaspersky *Anti-virus Personal Pro* v. 3.5.1. Kaspersky Lab Russia: 10 Geroyev Panfilovtsev St., 125363 - Moscow, Russian Federation. Web site: <<[www.kaspersky.com](http://www.kaspersky.com)>>. E-

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**(NEW ANTIVIRUS SOFTWARE)***(CONTINUED FROM PAGE 5)*

mail: support or info or sales@kaspersky.com. Various European phone numbers. List price: Kaspersky \$100.

Panda Software's *Antivirus Titanium* v. 2.03.02. \$39 online from <<[www.pandasoftware.com](http://www.pandasoftware.com)>>. Panda Software, a Spanish company. U.S. office: 230 N. Maryland, Suite 303, P.O.Box 10578, Glendale CA 91209. Phone: (818)543-6950; Fax: (818)543-6910. E-mail: info.usa@pandasoftware.com.

**(DRIVE IMAGE 2002 NOTICE)***(CONTINUED FROM PAGE 3)*

file will be forced closed before the backup can be accomplished. Since your C: partition will always have open files used by the operating system, closing them will force Drive Image to boot out to DOS to make a backup of your C: partition. This is done for you automatically, but it will take an additional minute or two to boot to DOS and then to reboot back into Windows. I would recommend that you make sure that you have all of your applications closed down before running a backup and that you backup your C: partition in a separate step. This will let most of your partitions backup directly under Windows.

Moving to a Windows-based utility makes the system easier to use and more familiar to most Windows users. While earlier versions of Drive Image had the look and feel of a Windows application, they were

still running under DOS. With Drive Image 2002, the limitations of DOS are no longer a problem and they have designed the new interface to make using the product extremely easy. The product guides you through the steps to select the type of a backup you want to perform and then helps you to define the options you'll need one by one. Once you have defined exactly what you want to backup and where to store the backup image, you can elect to have the backup done immediately or schedule it to be done sometime in the future. For example, you may want to make a backup once a week in the middle of the night when you are sleeping. You can set up Drive Image 2002 to run unattended on a routine schedule so that you have regular backups of your system. I was extremely pleased with the new user interface and I'm sure you'll find it easy to use and very friendly.

Another advantage of running as a Windows-based application is that many devices can now be supported easily under Windows. Drive Image 2002 can create and restore images of the partitions on your internally attached hard drives. These backup images can be stored in a wide variety of locations on your system or across a LAN to another system. You can store the image files in a backup partition on your locally attached hard drives. You can also store the backup images on USB or Firewire attached external hard

drives. You can even store the image files on another computer system that you are attached to over a local area network (LAN). You can also store these image files on ZIP or JAZ cartridge systems or burn them in any CD-R/RW devices supported by your Windows system. So, the flexibility of where to store your backup images is greatly enhanced using the Windows interface.

Finally, to make using Drive Image a more independent operation, a few of the features of PartitionMagic have been added to Drive Image 2002. Since you cannot store an image file into the same partition that you are backing up, you must set up separate backup partitions on your hard drive to contain these backup image files. You can now use Drive Image to create a backup partition on your hard drive so you will have a place to store your backup images. Also, as you save more backup images in your backup partition, you may find that you need more space in that partition and less space in other partitions. Drive Image 2002 has a redistribute free space wizard from PartitionMagic that will balance the free space on your hard drive partitions to give you more room for future backups.

In summary, Drive Image 2002 is a major new version of this outstanding backup utility. Being a Windows-based application, it will let you do your backup functions easier with a wider selection of devices than was possible under DOS.

It is a hard drive utility that all serious computer users will want on their system.

You can purchase this exciting new product at a significant user group discount. Drive Image 2002 lists at \$69.95 and can be found in most computer software stores for about that price. If you have a prior version of Drive Image, you can upgrade directly through PowerQuest's web site for \$39.95 plus shipping. The user group price for Drive Image 2002 is only \$35 plus shipping. This is a new license of Drive Image and not just an upgrade of your old license, so you can use your old copy on a different computer system or give it to a friend.

To obtain your copy of Drive Image 2002, go to our secure web site at [www.ugr.com/](http://www.ugr.com/) order and complete the order form. Enter the price code of UGEM0402 in the form with the other information required. Once you complete the form and submit it, we will ship your order the following day via US Priority Mail. Delivery is normally 3-4 days after you submit your order. Order your copy of Drive Image 2002 today and you will have the best hard drive backup utility available. Gene Barlow User Group Relations, P.O. Box 275, Orem, UT 84059-0275 Voice: 801-796-7370 Fax: 425-675-2075 [barlow@ugr.com](mailto:barlow@ugr.com). [www.ugr.com](http://www.ugr.com)

*This article is reprinted from the May 2002 issue of the Phoenix PC Users Group News.*



## Tips 'N Tricks

Compiled by **Charlotte Semple**, LACS President

### ANNOYING CRACKERS (SNOOPS)

Sometimes it's worthwhile to track down miscreants who probe your computer from afar, but most of these "attacks" are benign. Running firewall software such as Network ICE's BlackICE Defender, ZoneAlarm, or Symantec's Norton Internet Security is almost always sufficient protection — although it's not as safe as disconnecting your computer from the Internet and switching off the power. If you want to ensure that crackers — Internet break-in artists — can't probe your PC's ports, you have to either physically disconnect the phone or network line running into the PC, or shut off the computer's power. (You also have to make sure that the computer's Wake-on-LAN BIOS setting, if any, is disabled.)

There's nothing illegal about people scanning your computer's ports, and not every scan is evidence of a cracker at work. Many of the most common port scans are routine checks for server software that doesn't even exist on most Windows computers. For example, your ISP may routinely scan your system to make sure you're not running servers that are disallowed under the company's terms of service. Other scans may be completely innocent as well, like the cable-modem user next door trying to install remote-control soft-

ware such as PCAnywhere, or a scan by another computer on your local network. It could even be coming from your own system. The domain names or IP addresses your firewall displays as the source of the remote scan may also be forged (or spoofed, in network parlance). Though you can report the probe to the administrator of the domain listed, it's very possible that the scan originated elsewhere. It could also be that the source address listed is genuine, but the machine doing the scanning has been taken over by a Trojan horse program implanted by a cracker.

In most cases, your PC is just one of thousands of machines the person at the remote address (spoofed or not) is scanning using an automated tool. The scanner is rarely looking for a PC running Windows, because such systems aren't that interesting to crackers. They're more interested in exploiting buggy server software to download a vulnerable trove of passwords or steal credit card numbers.

If you are the target of prolonged attacks against TCP or other services running on your computer, notify the administrator of the offending domain. You can read more about TCP port probes on Network ICE's Web site. You could also try sending a brief e-mail to [abuse@domain](mailto:abuse@domain) or [security@domain](mailto:security@domain), where domain is the domain name used by the attacker. For example, if you get repeated TCP probes from a computer identified as

<crackerbox.crackerdomain.com>, you might want to send out a quick heads-up to, <abuse@crackerdomain.com>. Even if the source address turns out to be spoofed, the administrator at crackerdomain.com will likely want to know that someone is using the domain without authorization.

### Stop Applications From Automatically Dialing Your ISP

The modem may, or may not, dial your Internet service provider, making a connection, and shoves you online—even if you didn't want to be. This can be more than a nuisance; such behavior can be downright expensive if Windows dials up a pay-by-the-hour ISP while unattended, and then leaves the connection running for hours. To insure that you don't have to pay for your PC's malfeasance, you'll need to hunt down all the applications capable of making an automatic connection and change their settings to disable that feature. The most common culprits are browsers and e-mail clients. Here's how to do this in the most popular programs:

**Internet Explorer 5.x:** Choose Tools, Internet Options and click on the Connections tab. Click the radio button next to "Never dial a connection," then click OK.

**Internet Explorer 4.x:** Select View, Internet Options, then click the Connections tab. Place a check in the box next to "Connect to the Internet using a local area network" and click OK. **Netscape Navigator:**

Navigator itself doesn't include an automatic dial-up setting, but instead leans on the Internet settings in Windows. Click Start, Settings, Control Panel and open the Internet Options applet, then follow the "Internet Explorer 5.x" instructions, above.

**Outlook Express 5.x:** Outlook Express uses some of the Internet Options settings from IE, so once you make changes in the browser's Internet Options dialog, OE won't dial on its own, either. If you want to prevent OE from making an automatic connection, but allow IE to do so, choose Tools, Options and click the General tab. In the Send/Receive Messages section, select "Do not connect" in the field that reads "If my computer is not connected at this time."

**Eudora E-Mail:** Select Tools, Options, then scroll down the list in the left pane to Advanced Network, and click on it. Clear the box labeled "Connect using Dial-up networking" and click OK.

### INSTANT BROWSER, OR HAVING A BROWSER READY AT ALL TIMES WITHOUT LEAVING ONE RUNNING

If you're like many people, you dial up your Internet Service Provider in the morning, launch your browser, and use it throughout the day. But the browser saps substantial system resources when it's open — even when you're not using it. Depleted resources can cause Windows 95/98/ME to slow down (or freeze). Fortunately, you can close that browser and free up those resources, and still have immediate access to the Web.

Right-click in any clear space on the Windows taskbar, and select Toolbars, Address. When the Address bar appears in the taskbar, click the word "Address" and drag it to the desktop. You can resize the window to make it a more convenient size, and if you right-click anywhere in it and pick Always on Top it will float above all your other windows.

To access the Web, just type a URL into this detached Address toolbar. (You probably won't have to enter the entire address, since this toolbar uses Internet Explorer's auto-complete feature.) When you're finished looking at the site, close the browser window and the Address toolbar remains, ready to accept a new site. ♦

## LACS Mail Lists

By **Karl Springer**, LACS

LACS has two major mail lists: LACSPC for official LACS announcements (moderated) and LACSLIST for members to share computer related topics with one another (not moderated).

Some members aren't receiving these mail lists because they're not subscribed, the e-mail address we have is incorrect, etc. If you're not receiving these mail lists, make sure we have your correct e-mail address by using the Change of Address link at the bottom of the web site home page, <<http://www.lacspc.org>>. ♦

## December 2002 into January 2003

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>2 December</b> Board meeting 7 PM sharp	<b>3</b> Daytime SIG 12 PM (lunch Office SIG 7:00)	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>9</b>	<b>10 General Meeting 7 PM</b> <b>Forum 6:00 PM</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>
<b>16</b>	<b>17</b> Daytime SIG 1 PM Hardware SIG 7 PM	<b>18</b>	<b>19 Holiday Dinner Party</b>	<b>20 Advance Reservations Required</b>	<b>21</b>
<b>23</b> Digital Photo SIG 7 PM		<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>
<b>30</b>	<b>31</b>	<b>1 January</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>5</b> Board meeting 7 PM sharp	<b>6</b> Daytime SIG 12 PM (lunch Office SIG 7:00)	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>

### SPECIAL INTEREST GROUPS (SIGs)

SIG meetings are run by and for LACS members. Visitors are welcome to attend up to six SIG meetings (three of the same SIG) before joining LACS. To inquire about a SIG, please call or e-mail the contact person in advance. SIG Coordinator: Vacant, sig.coord@lacspc.org.

SIG	Contact	Telephone	When and Where, Notes
After Meeting	Cap Kierulff	310-472-9206	Dinah's Restaurant on Sepulveda, southwest of Centinela.
Beginners	Dorothy Miliman	310-473-1391	4th Tuesday, 7 PM. Cal. Fed. Community Room (basement)
Computer Forum	Beginners Welcome		2nd Tuesday, 6:00 PM before General Meeting. Front of hall.
Daytime	Cap Kierulff	310-472-9206	First Tuesday, 12-1:30 PM, Golden China Restaurant, L.A. capk@juno.com
Digital Photo	Helen Karagozian	310-454-3426	helenk2@earthlink.net. 4th Monday, 7 PM American Legion Hall, 5309 Sepulveda Blvd., Culver City
Genealogy	Leah & Joe Clark	310-677-2792	Second Thursday, 7 PM once a quarter at the Clark's home (fourth Thursday, this month only) lclark@ucla.edu.
Hardware	Charlie Semple	310-398-5052	Third Tuesday, 7 PM, Cal. Fed. * csemple93@earthlink.net
Internet/e-mail	Patsy Bellah	310-280-0951	Third Wednesday 7 PM at American Legion Hall, 5309 Sepulveda Blvd., Culver City
Investment	Stephanie Nordlinger	323-299-3244	TBA If interested, Call or e-mail pastpres@lacspc.org.
Membership	Bert Stock	818-905-1756	Third Thursday, 7 PM. Call or e-mail 74274.2312@compuserve.com, for location.
Office Suites	George Wolkon	310-459-2671	First Tuesday 7 PM. Cal. Fed.* wolkon.gbvolkon@verizon.net

\* California Federal Bank Community room (in the basement), 12101 San Vicente Blvd. (at Saltair), Brentwood, \$1/meeting donation requested for room rental at Cal Fed and at American Legion Hall. ♦

### Members Helping Members

LACS members volunteer to help other members solve hardware and software problems by telephone during the hours listed below. Select the topic from the list and then call a person whose number is listed next to it. We hope that you find this free service useful. ***If you are experienced in a particular program or topic, please volunteer to be a consultant.*** To volunteer for this list or to make corrections, please e-mail editor@lacspc.org or call Dick Smith at (323) 294-3441. More Quick Consultants are always needed. You can always decline or postpone a call if it catches you at the wrong time. You perform a valuable service and often learn something unexpected! ♦

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LA FreeNet - 14, 24	OnTime - 1, 20	WordPerfect - 1, 20, 33
Linux - 48	PhotoDeluxe, Adobe - 50	WordPro - 14 ♦

No.	Name	Daytime Phone	Eves/Weekends	From	To
1	Broido, Joe	310-829-3736	310-829-3736	9 AM-10P M	
7	Greenberg, Allan	310-576-1310	310-576-1310	10 AM-10 PM	
8	Heller, Elmer	310-839-9764	310-839-9764	9 AM-10 PM	
9	Hershman, Irv	310-397-9453	310-397-9453	11 AM-11 PM	
14	Kammerman, Cora	310-472-7487	310-472-7487	10 AM-8 PM	
20	Nordlinger, Stephanie	323-299-3244	323-299-3244	9 AM-10 PM	
24	Springer, Karl	310-645-3410	310-645-3410	10 AM-10 PM	
27	Rombouts, Tom	310-519-2941	310-519-2941	6 AM-11 PM	
32	LaVere, Hy	310-837-6517	310-837-6517	10 AM-9 PM	
33	Kierulff, Cap	310-472-9206	310-472-9206	9 AM-9 PM	
34	McDonald, Len	310-836-8698	310-836-8698	9 AM-10 PM	
36	Hage, Elias	310-815-8020	310-815-8020	9 AM-10 PM	
37	Ganz, Bill	310-360-7088	310-360-7088	9 AM-9 PM	
41	Engfer, Mark	N.A.	310-451-1942	5 PM-10 PM	
42	Theodore, Carol	310-659-0604	N.A.	9 AM-5 PM	
43	Semple, Charlie	310-398-5052	310-398-5052	9 AM-10 PM	
44	Lang, Bobbi	310-454-9903	310-454-9903	10 AM-5 PM	
45	Gibson, Merrill	310-785-9487	N.A.	9 AM-5 PM	
46	Martin, Todd	818-766-1151	818-766-1151	10 AM-10 PM	
47	Gold, Mike	N.A.	310-379-8321	6 PM-10 PM	
48	Flores, Alexys	N.A.	310-306-8403	8 PM-11 PM*	
49	Beckman, Loling	310-471-7893	N.A.	9 AM-5 PM	
50	Silverstein, Elliot	310-670-1544	310-670-1544	10 AM-10 PM	
51	Katz, Effie (Pager)	310-785-3313	310-785-3313	9 AM-10 PM	

\*Weekend: 3 PM-10 PM ♦

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**Advertising Policy:** *User Friendly* accepts computer-related advertising on a space-available basis. Advertising insertion orders are due on the **FIRST** of the month before insertion. An image file or camera-ready copy (suitable for b/w offset printing) and **FULL** payment **MUST** be received by the Editor by the **TENTH** of the month. One month maximum credit or rerun for promptly reported errors. For further information, call or fax Stephanie Nordlinger at (323) 299-3244 or e-mail us at [editor@lacspc.org](mailto:editor@lacspc.org). ♦

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## Software for Review

By **Stephanie Nordlinger**,  
LACS

Members can get free software in exchange for writing reviews for *User Friendly* and our website. Be a published author! Almost anyone can write a good review, and we supply guidelines and editors to help you. Some products will make you more productive, while others are just for fun. Members wanting to review something make a deposit (usually a check) in the amount shown (the approximate list price of the product, without tax or discounts) that will be returned uncashed if you submit a printable review.

Can't come to meetings? If you want to review a product, some of these programs can be downloaded, and we will make arrangements to give you others at a convenient time and place. Upload your review. Editing questions can be handled by phone or e-mail. So don't miss this opportunity to expand your knowledge and software.

If you want to review a program shown below, contact the Product Review Coordinator ([productreview@lacspc.org](mailto:productreview@lacspc.org)) or (323) 299-3244. If you would like to review another program and need a review copy, contact me and I will attempt to obtain one for you. All programs require a 4x or faster CD ROM drive unless otherwise specified. The editor also accepts well-written reviews of products you obtain by purchase, etc.

### NEW PROGRAMS

**askSam v. 5** - the latest and greatest version of this data organizer. ([www.asksam.com](http://www.asksam.com)) (\$90).

**Discovering Your Hard Drive**, Part 1, v. 1.3 from User Group Relations (Gene & Linda Barlow's company). (\$20 deposit) Excerpts from this were presented at a meeting last summer. ([www.ugr.com](http://www.ugr.com)). CD; for special UG price of \$20, contact me for the code.

**WatzNew 1.9.5**, a personal web portal program for Windows 95 through XP from A.I. Studio. It regularly checks your favorite websites and mailboxes and notifies you of changes. You get the relevant information without banners, ads or graphics, so it is efficient. Needs 32 MB of RAM, 5 MB of HD space. Downloadable. ([watznew.com](http://watznew.com)) (\$25)

**NaturePainter Digital Canvas 1.0**. Would you like to paint but feel you aren't very good at it? Here's a way to try it with no costly materials and the ability to hide (delete) your mistakes. (about \$25)

**Sammy Surricate 1.45** - Cute 3-D action/puzzle game for all ages. ([www.surricate-software.com](http://www.surricate-software.com)) Win 9.x-XP, 3D accelerated graphics card, 15 MB of HD space. Downloadable. (\$20)

**Clean It Up!** Helps preserve your privacy by deleting caches of file names, etc. that Windows keeps. It will clear your Internet history, cookies, temp folders, recent document listings, etc. Can work in the background and on a schedule. ([www.xcentricsoft.com](http://www.xcentricsoft.com))

Downloadable. (\$20)

**Essential Net Tools v. 3.1** from TamoSoft, Inc. Win 98 through XP. These are "indispensable" tools for network administrators, security professionals, etc. ([www.tamos.com/-products/nettools](http://www.tamos.com/-products/nettools)). Downloadable. (\$29)

### Other Programs

**Alpha 5 for Windows** from Alpha Software. This version of a major database program has been in development for three years and is designed to offer the functionality of MS Access with significantly greater ease of use and the ability to build applications much more rapidly. [www.alphasoftware.com](http://www.alphasoftware.com). (\$349)

**Advanced CATalogue 2.3**, a catalogue for all removable media files for Windows 95/98/ME/NT 4.0/2000 and XP. It also performs file management tasks, Boolean searches, finds duplicate files on any drive, etc. Be able to access your CDs and other data through easily created databases. ([www.evgenysoft.com](http://www.evgenysoft.com)) (\$35)

Novosoft Inc.'s **Handy Backup 3.5** for Windows 9x/NT/2000/Me/XP automatically backs up critical data to virtually any type of storage including CD-R/CD-RW, remote FTP servers, local network drives, ZIP, JAZ, MO, HDD and floppy disks. Designed for a single computer or a network, it can be used to synchronize files between two computers. Its disk spanning option allows backups to be divided among several CD-R/W disks. Award-winning. Downloadable.

<http://www.novosoft-us.com>  
(\$30)

**Click'N Design 3d.** Are you creative? Create 2D and 3D text and texture mapping. All major CD Label templates are supported. Includes 100's of designs and over 5,000 photos and pieces of clip art. Includes some photo effects. <http://www.stompinc.com>. (\$20)

**Screen Creator Deluxe, v. 6.** Why just look the Windows logo? Create complex professional quality screen savers quickly. You can add audio files for a background music playlist. <http://www.individualsoftware.com>. (\$30)

**XPlay** by Mediafour lets you plug an Apple iPod into a Windows computer and transfer MP3 music files back and forth, so that you can organize songs, artists, playlists and albums for on-the-go listening. Automatic synchronization is also available. Even data files and documents can be transferred to an iPod, which Xplay makes appear like a normal hard drive. XPlay was a finalist for Best of PC Expo 2002 (awarded by *PC Magazine*). [www.mediafour.com](http://www.mediafour.com) (\$30) ♦

## LACS General Meeting Reporter Job Description

The purpose of having a General Meeting Reporter is to provide an interesting and accurate report on the meeting to be published in the next month's User Friendly for the benefit of all members whether they attended the meeting or not. Generally, the report

should summarize the key points made, provide the name, affiliation and contact information for the presenter, and, if possible, provide a Web site where more information can be obtained.

The job can be shared among several individuals if desired. They can decide before a meeting which person will cover that meeting, or two or more members may collaborate to provide input to be written up by one of them or the User Friendly editor. Although a carefully prepared report is nice, the editor is willing to clean up and organize submissions if the reporter desires.

No particular written format is required. A simple e-mail or RTF file sent to the editor at [editor@lacspc.org](mailto:editor@lacspc.org) is preferred. The length of the report is not critical and will depend on the material presented. A short accurate report is fine in most cases, but a more detailed and lengthy report is also fine. It is important to get the information to the editor shortly after the general meeting, but not later than the 15th of the month, which is the absolute deadline for each month's User Friendly. Earlier submissions are appreciated and very helpful. Volunteer now by sending an e-mail to: [editor@lacspc.org](mailto:editor@lacspc.org) or call Dick Smith at (323) 294-3441 and leave a message. :♦



## Office SIG Report

By **Helen Karagozian**, LACS

There were winners and losers on Election night, Nov. 5 but the winners were those who attended the meeting conducted by **Susan Ornstein**, a new LACS member, friend of **George Wolkon** and a professional instructor in applications software including MS Office.

Subjects covered included learning Auto Text, and its many possibilities, Mail-merged documents, addressing mailing labels, and creating a data source.

The evening solved a mystery for me. Many times I need to type (R) but instead I would get "circle-r" (the registered symbol). Susan solved the mystery with Autotext.

Charlie also shared that he needs to type Los Angeles Computer Society frequently and Autotext has saved him many key strokes.

She has graciously offered to return for the December 2 SIG meeting and hopefully a large turnout of Word 2000 users will be at that SIG meeting. ♦

## NOTICE

The columns, reviews and other expressions of opinion in *User Friendly* are the opinions of the writers and not necessarily those of the Los Angeles Computer Society. LACS became a California non-profit corporation on July 17, 1991. ♦

## Part III UNDERSTANDING CD-R & CD-RW TECHNOLOGY

*This is part III of Understanding CD-R and CD-RW Technology. Parts one and two were published in the October and November issues of User Friendly and are available for reference on the LACS Web site.—*

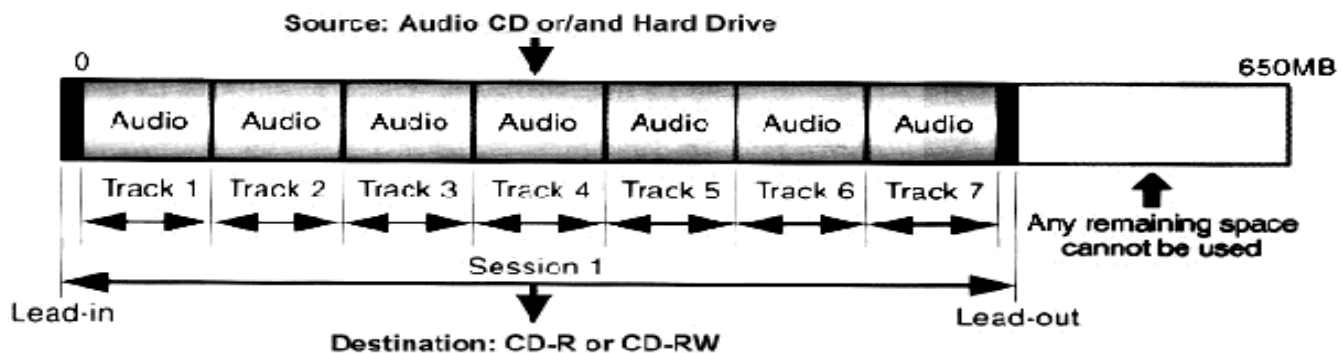
by **John C. Lee** - Thousand Oaks Personal Computer Club

### CREATING DIFFERENT TYPES OF CDS

Part III of the article will cover the discussion of the procedures you can follow to create different types of CDs, including Audio CD, Data CD, Multisession Data CD, CD Extra CD, Mixed Mode CD, Digital Audio Extraction, Rewritable CD and Bootable CD. You can access these CD Layouts by clicking the arrow next to the NEW menu on the Easy CD Creator window, except the Rewritable CD, which is from the DirectCD program.

### AUDIO CD

Audio CD uses the Disk-at-Once writing method. The audio tracks or/and audio files are written onto a complete disk in a single session without pausing. Audio data cannot be added later, even if there is



remaining space left.

The source input can be one or a number of audio tracks from one or several music CDs. It can also be one or a number of audio files from the hard drive such as WAV, MP3 and WMA files, or a combination of audio tracks and audio files. If the input audio tracks are from several source CDs, then you will be prompted each time to insert the CD, in which the audio track to be recorded resides.

The output to the destination CD-RW drive with a CD-R or CD-RW disk always will be audio tracks in CD-DA format, which can be played in all CD-ROM, DVD or audio CD players. If the source inputs are audio files from the hard drive, they will be encoded and also recorded to destination CDs in CD-DA format.

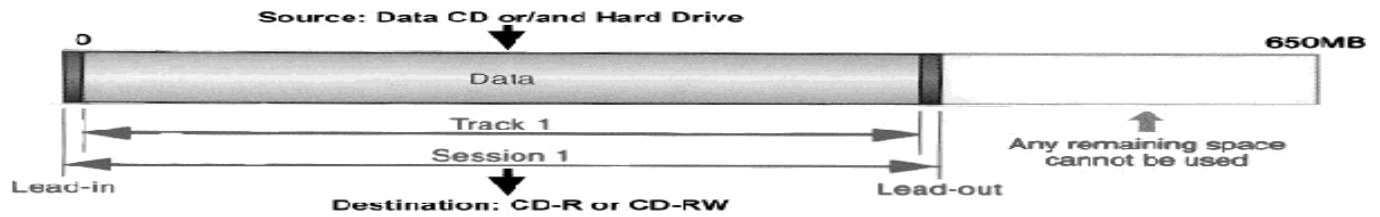
In some instances, you may want to store audio files on a CD with their own formats (such as WAV, MP3 and WMA) instead of CD-DA format, in which case you should treat these files as data files and use Data CD program to record them to a destination CD (also see Digital Audio Extraction in Part II).

You can record audio files or tracks from a source CD-ROM, DVD or hard drive to the destination CD-RW drive, or you can use the Image File to read and record on a single CD-RW drive (see Image File Recording in Part II).

### DATA CD

As in Audio CD, Data CD also uses the Disk-at-Once writing method. The file data is written onto the disk in a single track and a single session. One difference is that the Audio CD can comprise of a num-

ber of audio tracks per session, while the Data CD can comprise only one track per session. But a Data CD track can contain one or a number of data files or/and folders.



The source input can be one or a number of data files or folders from one or several data CDs or/and from the hard drive.

The output to the CD-R or CD-RW disk will be in either ISO 9660 or Joliet format. Both of these two formats can be read on CD-ROM or DVD drives. Joliet format is the default format in Easy CD Creator program and should be used if you want to retain long file names (see Data and Audio File Formats in Part II).

You can record data files from a source CD-ROM, DVD or hard drive to the destination CD-RW drive, or you can use the Image File to read and record on a single CD-RW drive (see Image File Recording).

**MULTISESSION DATA CD**

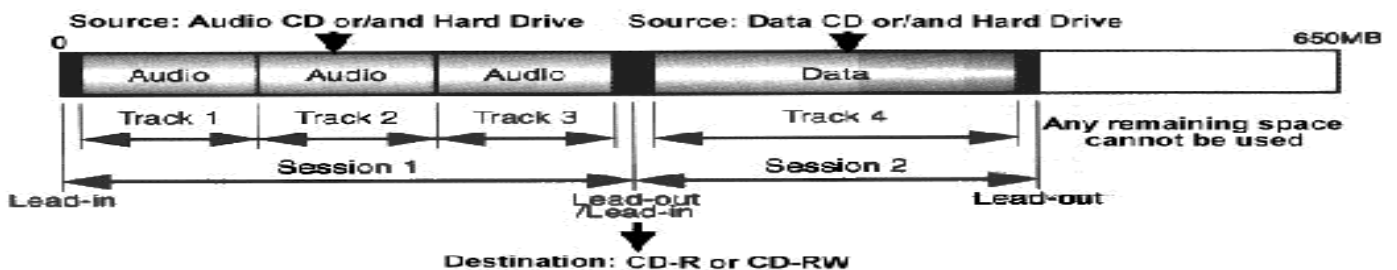
Track-at-Once writing method is used with the Multisession Data CD when writing data to a disk one track at a time. More tracks can be added later if there is enough space left on the disk. But make sure



that the CD is not closed after each session except the last session. As in Data CD, the source input to each track can be one or a number of files or folders from one or several data CDs or/and from the hard drive.

The output to the CD-R or CD-RW disk and the Image File recording to a single CD-RW drive are as discussed in the Data CD section.

**CD EXTRA CD**



**(PART III UNDERSTANDING CD-R & CD-RW TECHNOLOGY)***(CONTINUED FROM PAGE 15)*

A CD Extra CD is a 2-session CD that contains both audio files (tracks, WAV, or MP3) and computer data. Many music CDs are created as a CD Extra CD to provide music CD tracks in the first session and a music video in the second session all on the same CD.

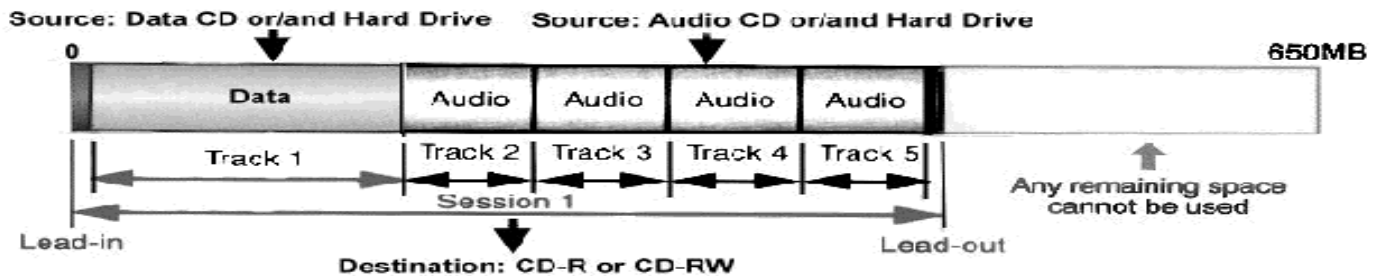
The first session contains the audio files, so a home or car stereo CD player or a CD-ROM can play them. The second session contains data intended for your computer's CD-ROM drive. The CD Extra uses the Session-at-Once writing method.

In the lower left pane of the CD Layout in the Easy CD Creator main window, you will see two folders: one audio and the other data. Open the first folder and add audio tracks to be recorded. Then open the second folder and add data to be recorded. Both sessions will then be recorded one after the other.

The input and output in the audio session are the same as in the Audio CD, and those in the data session are the same as in the Data CD. Image File recording can also be used for creating CD Extra CD.

**MIXED MODE CD**

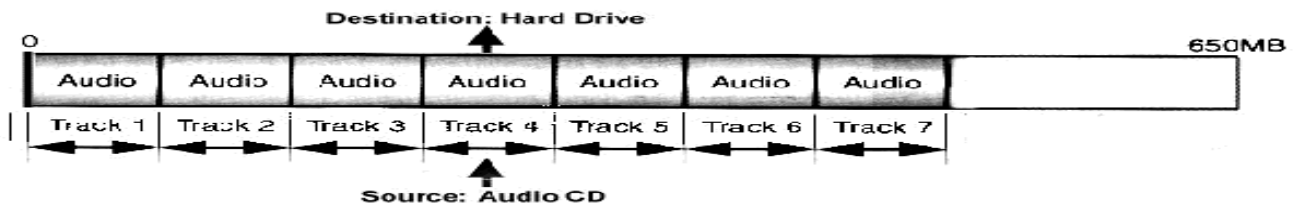
A Mixed-Mode CD is a single session CD (using Disk-at-Once method) that contains both computer



data and audio tracks, and is typically used for entertainment and educational programs. Data is written to the first track on the CD followed by one or more audio tracks. Mixed-Mode CDs are used with CD-ROM or DVD only and cannot be played in home or car stereo CD players, because stereo CD players always look for audio tracks to play at the start of the first session.

When you create a Mixed-Mode CD, the lower left pane of the CD Layout contains a data and an audio folder. First add files and folders to the Data CD Layout folder; then add the tracks, WAV or MP3 files to the Audio CD Layout folder. When you click Create CD icon, recording will start with the data track and finishes with audio tracks, all in one session.

The input and output for the data track are the same as in the Data CD, and those for the audio tracks



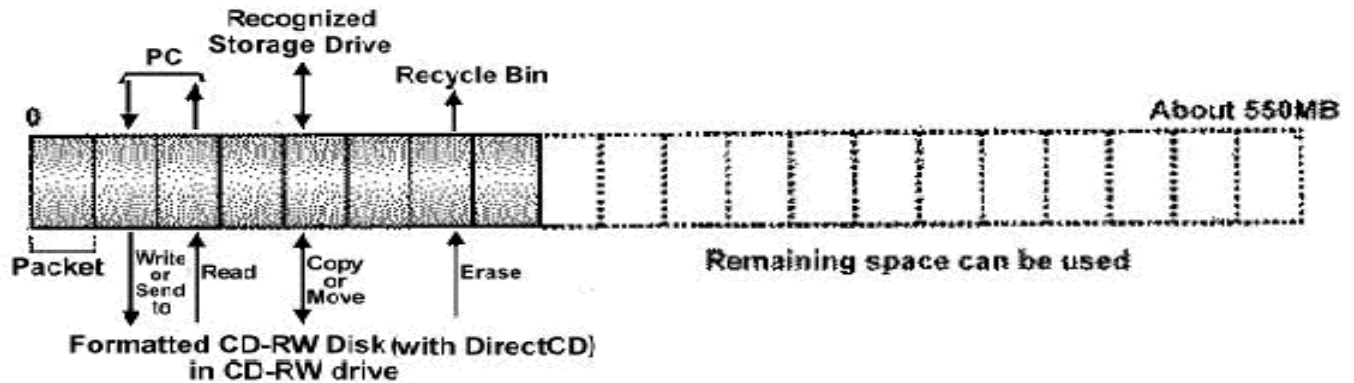
are the same as in the Audio CD. Image File recording can also be used for creating Mixed Mode CD.

**DIGITAL AUDIO EXTRACTION (RIPPING)**

Digital Audio Extraction is a reverse process to audio CD recording. It converts one or a number of audio tracks of a music CD on the CD-RW drive to audio files (WAV, MP3 or WMA) on the hard drive.

On the Easy CD Creator window, you select the audio tracks that you want to convert to audio files from the music CD you place in the CD-RW drive. When you click the highlighted Extract icon, the Extract dialog box shows up where you can select the audio file format, the folder where the file is to be located in the hard drive and the sound quality bit-rate.

### REWITABLE CD



Rewritable CD is created using the DirectCD program. The CD-RW disk must first be formatted before it can be used as a re-writable CD (see DirectCD in Part II). It uses packet-writing technology to write small chunks of data called packets to the CD-RW disk. Some CD space (roughly 100MB) is used up by the file system. So in a 650MB disk, only about 550MB is usable space for writing data.

The rewritable CD in a CD-RW drive acts as a removable drive with an accessible drive letter. It can perform the following functions:

- Write or Send data to the CD-RW disk from the PC or Read data from the disk to the PC.
- Erase file or folder data and send to the recycle bin, which free up the space for re-writing.
- Copy or Move files or folders to the CD-RW disk from any recognized drive (such as a floppy diskette drive, Zip drive, CD-ROM, DVD or another hard drive) or vice versa.
- Provide an option for Data Compression on the rewritable disk.

### BOOTABLE CD

A bootable CD is a CD from which a computer can be started up because it contains all the operating system software the computer needs to run. A bootable CD contains a bootable image, a file that is an exact representation of a bootable floppy disk or hard disk.

Easy CD Creator creates a bootable CD by copying the contents of a bootable floppy disk to a CD. Windows operating systems usually have provision for you to make a Start-up (bootable) diskette, which can be used to copy a bootable CD on the Easy CD Creator program.

To use a bootable CD, you have to enable Bootable CD-ROM support in your system BIOS settings.

*Reprinted from the July 2002 Nibbles & Bytes Journal of the 1000 Oaks Personal Computer Club and from its Web site [www.topcc.org](http://www.topcc.org) since only part was printed in the newsletter. By John C. Lee [johnlee@adelphia.net](mailto:johnlee@adelphia.net) ♦*



# Holiday Greetings



## Welcome To You All

### New Members (2)

Marie Lafayette  
Susan Orenstein

### RENEWING MEMBERS (16)

Frank Atha  
Gil Barela  
Floyd Bain  
Bruce Burns  
Ros Cirlin  
Bob Eierman  
Kent Francisco  
Bill Ganz  
Laurie Hiney

Roger Kohn  
Gene Polgar  
Herb Piltzer  
♥Ida Riordan  
Madeline Rungaitis  
Elliot Silverstein  
Richard Steinberg  
♥Contributing ♦

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Garber, William  
Gross, Herbert  
Kincaid, Nilan  
Lang, Zane  
Mechaber, Douglas  
Morgan, Robert  
Newlander, Roberta  
Orfirer, Mark  
Serling, Carol  
Springer, Karl  
Weinberger, Elizabeth  
Wilder, Jack

Youkeles, Lee

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Beckman, Loling  
Dolin, Armin  
Downing, Lily  
Earlix, Richard  
Ford, Virginia  
Ginsburg, Dan  
Greenberg, Allan  
Hymanson, Irene  
Johns, Karen  
Martinelli, Marierosa  
Masters, Mary  
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Contributing and higher categories of members may attend all SIG meetings without charge, including those where an admission fee is normally charged. A corporate membership includes ten individual memberships including

free SIG attendance. Associate members are people who live in the same household or work for the same company as a regular member; they do not receive their own subscriptions to *User Friendly*. Students must prove full-time status. If you have a question, please call our Voice Mail at 310-289-7177.

In addition to LACS monthly general meetings, members enjoy these special benefits:

- ◇ Monthly Journal *User Friendly*. We publish your submissions! Free classified ads to buy or sell your computer items.
- ◇ Eligibility to win our presenters' door prizes.
- ◇ Special Interest Groups (SIGs) to solve your problems.
- ◇ Occasional swap meets and information on trade shows.
- ◇ Product discounts, special offers and group purchases.

- ◇ Free software and computer books (if you review them for *User Friendly*).
- ◇ Network with people sharing your interests.
- ◇ Members and Quick Consultants to call when you need help.
- ◇ Rewards for Recruiting Members: LACS will give you three extra entries for drawings for each new member you sign up. You may use any or all of them at any meeting within six months. While you may not win two prizes at one meeting, if your name is drawn twice, you may swap the first prize for the second one if you wish.
- ◇ Members receive LACS announcements and members' Q & A info via LACS e-mail lists. Send requests for subscription changes with your e-mail address to: [changes.form@lacspc.org](mailto:changes.form@lacspc.org) ◇

**LACS**

**Membership Application**

Please return this form with applicable fees to:  
 Los Angeles Computer Society, 10410 Palms Blvd., PMB 13, Los Angeles CA 90034-4873

Please PRINT Clearly

[ ] Renew [ ] Regular - \$36.00 [ ] Associate - \$12.00 [ ] Student - \$18.00  
 [ ] New [ ] Contributor - \$50.00 [ ] Supporting - \$75.00 [ ] Benefactor - \$100.00

Name: First \_\_\_\_\_ Last \_\_\_\_\_ Name of Associate: First \_\_\_\_\_ Last \_\_\_\_\_

Company: \_\_\_\_\_ Your Title/Occupation \_\_\_\_\_ [ ] Retired? \_\_\_\_\_

Address: \_\_\_\_\_ [ ] Home [ ] Work Address

City, State, Zip + 4 \_\_\_\_\_

Phone: (Home): \_\_\_\_\_ (Business): \_\_\_\_\_

[ ] (Do not Publish Phone No. in Roster)

e-mail address: \_\_\_\_\_

I Think I am a:

[ ] Beginner [ ] Intermediate [ ] Advanced [ ] Programmer [ ] Professional [ ] Hobbyist

I am willing to : (at least one, Please)

[ ] Serve on a Committee [ ] Assist the Editor [ ] Help at the Meetings [ ] Join a SIG [ ] Other \_\_\_\_\_

# User Friendly

Los Angeles Computer Society  
 10410 Palms Blvd. PMB 13  
 Los Angeles, CA 90034-4873

Voicemail: 310-289-7177  
 Web site:  
[http:// www.lacspc.org](http://www.lacspc.org)

- [ ] Member: Your membership expires with this issue. Please renew at once.
- [ ] Vendor: A review of your product is on page \_\_\_\_\_.
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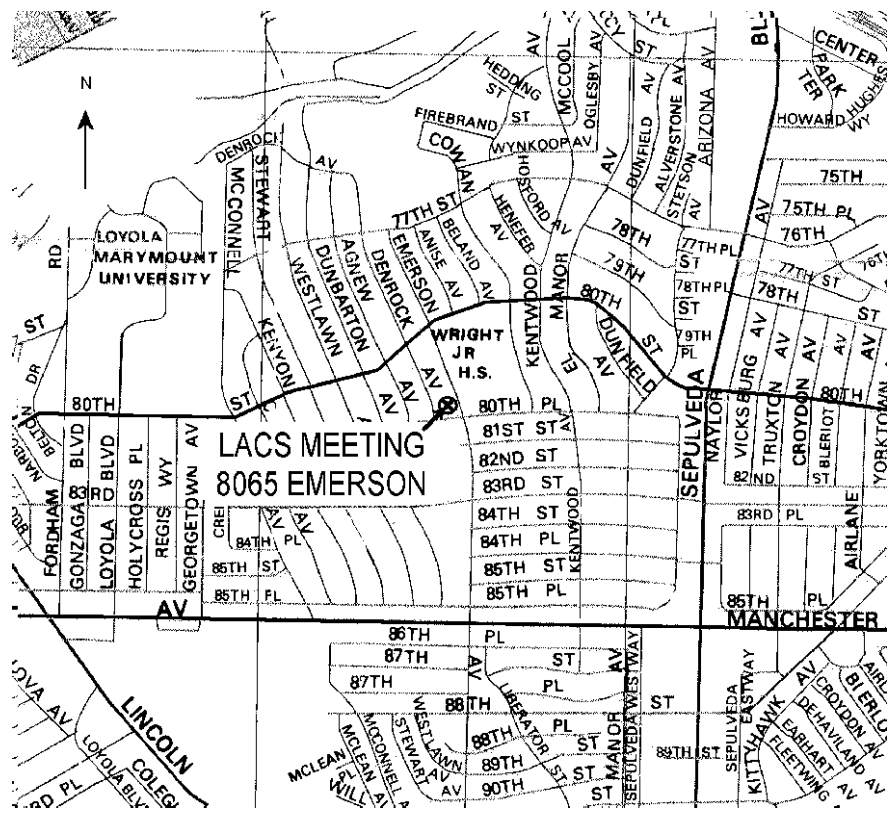
## DIRECTIONS TO GENERAL MEETING

*From the North:* Take Sepulveda Blvd. SOUTH to W. 80th St. Turn WEST/right and go about one mile to Emerson Ave. Turn SOUTH/left and go one long block to W. 80th Place. Fellowship Hall is on the Northwest corner of Emerson and W. 80th Place.

*From the South, East or West:* Take Manchester Ave. to Emerson Ave. Turn North and go about eight blocks to W. 80th Place. Fellowship Hall is on the Northwest corner of Emerson and W. 80th Place. There is plenty of street parking and a small parking lot West of the church. ♦

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